

SP0289

ACC # 7800881 TR3652

RCVD 3/30/81

DATA DOCUMENT
(REPLACEMENT)

ACC # 7800882 TR3653

NOAA FORM 24-13
(4-77)

U.S. DEPARTMENT OF
NATIONAL OCEANIC AND ATMOSPHERIC
NATIONAL OCEANOGRAPHIC
RECORDS SECTION
WASHINGTON, D.C.

ACC # 7800881 TR4053

FT015

ACC # 7800881 TR4054

(While you are not required to use this form, it is the most
ancillary information enabling the NODC and users to obtain)

ACC # 7800882 TR4055

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.

F015

DDF A: 2:22

A. ORIGINATOR IDENTIFICATION

FILE #1 = TR3652
FILE #2 = TR4053
FILE #3 = TR4054
FILE #4 = TR3653
FILE #5 = TR4055
FILE #6 = TR4056*

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. 4900 Water's Edge Dr., Suite 255 Raleigh, NC 27606				2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED South Atlantic OCS Physical Oceanography				3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT First & Second Long-Term BLM Deployment			
4. PLATFORM NAME(S) Moorings 085 & 089		5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Buoy		6. PLATFORM AND OPERATOR NATIONALITY(IES) USA USA		7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR 11/4/77 4/13/78		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. ARE DATA DECLARED NATIONAL PROGRAM (ONPI)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)				11. PLEASE MARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA							
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Dr. Evans Waddell (919) 851-8356											

* = SEPARATE FOLDER

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
Current Velocity	cm/sec	AMF VACM Model 610 C	NA	NA
Temperature	DEG C	AMF VACM Model 610 C	NA	NA

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**

Header	First record	Byte #10	always '1'
Header	Second record	Byte #10	always '2'
Data	all following records	Byte #10	always '3'

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

2 header records followed by the data

Logical record length of 60

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Joseph Karpen (919) 851-8356
 ADDRESS 4900 Water's Edge Dr., Suite 255, Raleigh, NC 27606

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input type="checkbox"/> OCTAL 17 <input checked="" type="checkbox"/> Standard IBM</p>
<p>7. PARITY</p> <p><input type="checkbox"/> ODD <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>SPO289 BLM Mooring 085 and 089 6 files LRECL = 60 BLK SIZE = 3600</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 800 BPI <input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p align="center">3600</p>
	<p>13. LENGTH OF BYTES IN BITS</p> <p align="center">8</p>

RECORD FORMAT DESCRIPTION

RECORD NAME HEADER #1

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		
File Type	1	3	char.	A3	signifies current meter data always '015'
Blank	4	6	bytes	6X	blank
Record type	10	1	bytes	I1	always '1' signifies record type
Meter Number	11	5	char.	A5	analogous to NODC station number
Blank	16	1	byte	IX	blank
Text	17	43	char.	43	additional pertinent information

RECORD FORMAT DESCRIPTION

RECORD NAME HEADER #2

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	char	A3	signifies current meter data always '015'
Blank	4	6	bytes	6X	blank
Record type	10	1	bytes	I1	always '2', signifies record type
Meter number	11	5	char	A5	analogous to NODC station number
Latitude					
Degrees	16	2	bytes	I2	} Location of current meter
Minutes	18	2	bytes	I2	
Hundredths	20	2	bytes	I2	
Hemisphere	22	1	char	A1	always 'N' or 'S'
Longitude					
Degrees	23	3	bytes	I3	} Location of current meter
Minutes	26	2	bytes	I2	
Hundredths	28	2	bytes	I2	
Hemisphere	30	1	char	A1	always 'E' or 'W'
Depth to bottom	31	5	bytes	I5	whole meters
Depth of current meter	36	5	bytes	I5	whole meters
Blank	41	14	bytes	14	blank
Number of data records	55	6	bytes	I6	number of data records to follow

RECORD FORMAT DESCRIPTION

RECORD NAME DATA

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	char	A3	signifies current meter data always '015'
Blank	4	6	bytes	6X	Blank
Record Type	10	1	bytes	1	always '3' signifies data record
Meter Number	11	5	char	A5	analogous to NODC station number
Year	16	2	bytes	I2	last two digits of year
Month	18	2	bytes	I2	1-12
Day	20	2	bytes	I2	1-31
Hour	22	2	bytes	I2	GMT
Minutes	24	2	bytes	I2	
Hundredths of minute	26	2	bytes	I2	
East-West(u) current component	28	6	bytes	I6	cm/sec, to hundredths, positive for East
North-South (v) current component	34	6	bytes	I6	cm/sec, to hundredths, positive for North
Temperature	40	5	bytes	I5	degrees C, to hundredths
Pressure	45	5	bytes	I5	decibars, to tenths
Conductivity	50	4	bytes	I4	mmho/cm, to hundredths
Blank	54	1	bytes	1X	blank
Sequence number	55	6	bytes	I6	data record number

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 (IMFR., 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 (✓)	
AMF VACM Model 610 C Thermisters	27 July 1977-Mooring 089 14 July 1977-Mooring 085		WHOI					X	
AMF VACM Model 610 C Current Meters									X*
*Note: AMF VACM current meters are not calibrated, but go through extensive pre & post deployment checkouts									

ACCESSION/TRACK # 7800881/7800882

TR3652-53; 4053-55

Step	Completion Date/Init.	Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS	
ORIGINATOR TAPE #	FJM	7/3/81	SP0289	5	3600	60	30,628
QUADI/SCAN TAPE #	FJM	7/3/81	3719	1	SDF	60	30,628
ASSIGNED FOR PROCESS.							
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"							

NOTE :

① ORIGINAL TAPE HAS 6 FILES;
FILES 1-5 WERE COMBINED FOR THIS
FOLDER.

② D782 TAPE IS 003719 &
DSN = NODC*F015T3652.

③ FILE ID = TRACK NO.

④ SEE DDF COVER SHEET FOR
WHICH TRACK BELONGS TO WHICH ACC#.

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 7800881
7800882

- 1) File Type: 015
- 2) Project Ident.: BLM/OCS - SOUTH ATLANTIC
- 3) Track Nos.: TR3652, TR3653, TR4053
TR4054, TR4055

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

III. Processor Name: _____

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

TR3652, 3653
4053, 4054, 4055

ACCESSION/TRACK NO.: 7800881 & 7800882

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	SPD289	N	60	3600	FB		30,628
DUPLICATE	003719 003719	NODC* FO15T3652.	60	SDF	-		30,628
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE							
EDITED DISK FILE							

NOTE:

① FILE ID = TRACK #

② DATA IS ON UNIVAC SL TAPE,

FILES 4 THRU 6

LABEL = MITCH * SOATL / MULTI.

TAPE
SP0289

ACCESSION
NUMBER

780088

DDF A:2:22
RCD 3/30/81

DATA DOCUMENTATION FORM
(REPLACEMENT)

7800882
TR3653

TR3652
TR4053

NOAA FORM 24-13
(4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

TR4055
TR4056

FORM APPROVED
O.M.B. No. 41-10651
EXPIRES 1-81
TR4054

FT015

(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.)

78-21

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

FILE #1 = TR3652
FILE #2 = TR4053
FILE #3 = TR4054

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.
4900 Water's Edge Dr., Suite 255
Raleigh, NC 27606

FILE #4 = TR3653
FILE #5 = TR4055
FILE #6 = TR4056

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

South Atlantic OCS Physical Oceanography

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

First & Second Long-Term BLM Deployment

4. PLATFORM NAME(S)

Moorings 085 & 089

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

Buoy

6. PLATFORM AND OPERATOR NATIONALITY(IES)

USA

USA

7. DATES

FROM: MO, DAY, YR TO: MO, DAY, YR

11/4/77

4/13/78

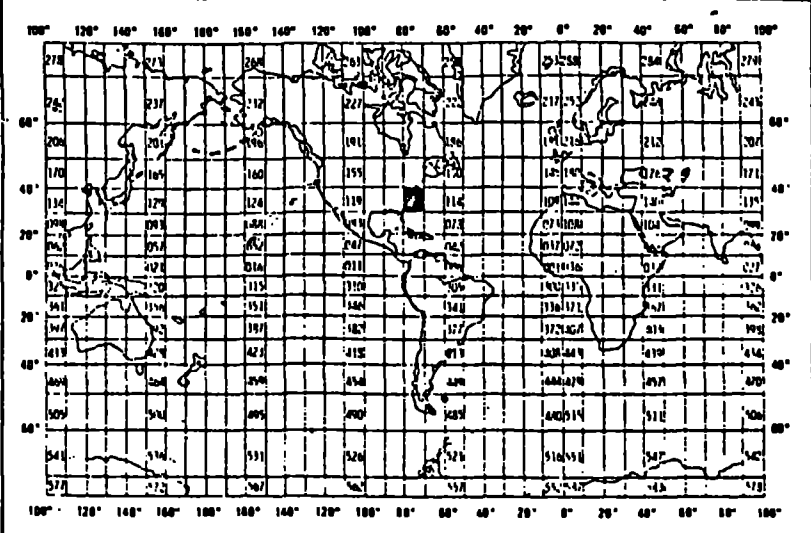
8. ARE DATA PROPRIETARY?
 NO YES
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH

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. Evans Waddell
(919) 851-8356



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
Current Velocity	cm/sec	AMF VACM Model 610 C	NA	NA
Temperature	DEG C	AMF VACM Model 610 C	NA	NA

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**

Header	First record	Byte #10	always '1'
Header	Second record	Byte #10	always '2'
Data	all following records	Byte #10	always '3'

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

2 header records followed by the data

Logical record length of 60

3. ATTRIBUTES AS EXPRESSED IN

PL-1 ALGOL COBOL
 FORTRAN _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Joseph Karpen (919) 851-8356

ADDRESS 4900 Water's Edge Dr., Suite 255, Raleigh, NC 27606

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p> <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____ </p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p> <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____ </p>	<p>10. END OF FILE MARK</p> <p> <input type="checkbox"/> OCTAL 17 <input checked="" type="checkbox"/> Standard IBM </p>
<p>7. PARITY</p> <p> <input type="checkbox"/> ODD <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> SP0289 BLM Mooring 085 and 089 6 files LRECL = 60 BLK SIZE = 3600 </p>
<p>8. DENSITY</p> <p> <input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 800 BPI <input type="checkbox"/> _____ </p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center;">3600</p>
	<p>13. LENGTH OF BYTES IN BITS</p> <p style="text-align: center;">8</p>

RECORD FORMAT DESCRIPTION

RECORD NAME HEADER #1

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		
File Type	1	3	char.	A3	signifies current meter data always '015'
Blank	4	6	bytes	6X	blank
Record type	10	1	bytes	I1	always '1' signifies record type
Meter Number	11	5	char.	A5	analogous to NODC station number
Blank	16	1	byte	IX	blank
Text	17	43	char.	43	additional pertinent information

RECORD FORMAT DESCRIPTION

RECORD NAME _____ HEADER #2

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		
File Type	1	3	char	A3	signifies current meter data always '015'
Blank	4	6	bytes	6X	blank
Record type	10	1	bytes	I1	always '2', signifies record type
Meter number	11	5	char	A5	analagous to NODC station number
Latitude					} Location of current meter
Degrees	16	2	bytes	I2	
Minutes	18	2	bytes	I2	
Hundredths	20	2	bytes	I2	
Hemisphere	22	1	char	A1	always 'N' or 'S'
Longitude					} Location of current meter
Degrees	23	3	bytes	I3	
Minutes	26	2	bytes	I2	
Hundredths	28	2	bytes	I2	
Hemisphere	30	1	char	A1	always 'E' or 'W'
Depth to bottom	31	5	bytes	I5	whole meters
Depth of current meter	36	5	bytes	I5	whole meters
Blank	41	14	bytes	14	blank
Number of data records	55	6	bytes	I6	number of data records to follow

RECORD FORMAT DESCRIPTION

RECORD NAME DATA

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	char	A3	signifies current meter data always '015'
Blank	4	6	bytes	6X	Blank
Record Type	10	1	bytes	1	always '3' signifies data record
Meter Number	11	5	char	A5	analagous to NODC station number
Year	16	2	bytes	I2	last two digits of year
Month	18	2	bytes	I2	1-12
Day	20	2	bytes	I2	1-31
Hour	22	2	bytes	I2	GMT
Minutes	24	2	bytes	I2	
Hundredths of minute	26	2	bytes	I2	
East-West(u) current component	28	6	bytes	I6	cm/sec, to hundredths, positive for East
North-South (v) current component	34	6	bytes	I6	cm/sec, to hundredths, positive for North
Temperature	40	5	bytes	I5	degrees C, to hundredths
Pressure	45	5	bytes	I5	decibars, to tenths
Conductivity	50	4	bytes	I4	mmho/cm, to hundredths
Blank	54	1	bytes	1X	blank
Sequence number	55	6	bytes	I6	data record number

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 (✓)	
AMF VACM Model 610 C Thermisters	27 July 1977-Mooring 089 14 July 1977-Mooring 085		WHOI					X	
AMF VACM Model 610 C Current Meters									X*
*Note: AMF VACM current meters are not calibrated, but go through extensive pre & post deployment checkouts									

DATE:

TO:

FROM:

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

- 1) File Type: FTP 022
- 2) Project Ident.: _____
- 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: _____

DATA SET ROUTE SHEET

ACCESSION/TRACK # _____

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #	81/03/04	IG	017337 XXXXXX	1	600	600	XXXX
QUADI/SCAN TAPE #							
ASSIGNED FOR PROCESS.							
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"							

DOF A:2:22

ACCESSION NUMBER

7800882

RTG TAPE W2130

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-R-26

RLVD 07513 2/19/57

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			
DATA MANAGEMENT INSTITUTE OF MARINE SCIENCE UNIVERSITY OF ALASKA, O'NEILL RES. BLDG. FAIRBANKS, ALASKA 99701			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
		RT02	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
R/V REDOUBT	SHIP	USA USA	FROM: MO/DAY/YR TO: MO/DAY/YR
			10/06/79 10/10/79
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 _____		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)		GENERAL AREA	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Marcia Boyette (907) 479-9072 (907) 479-7836			

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
SALINITY	0.001 ‰	NANSEN BOTTLES & INTEROCEAN CASSETTE CTD	DESCRIPTION OF BASIC PROCESSING ATTACHED	N/A
TEMPERATURE	°C	DSR THERMOMETERS & INTEROCEAN CASSETTE CTD	DESCRIPTION OF BASIC PROCESSING ATTACHED	N/A
DEPTH	0.1m (1m = 1db)	THERMOMETRIC DEPTH & INTEROCEAN CASSETTE CTD	DESCRIPTION OF BASIC PROCESSING ATTACHED	N/A

IMS STD/CTD DATA REDUCTION
(Interocean)
October 1979

Transcription

Interocean cassettes are transcribed to a 9-track magnetic tape.

Program - RDCASS

Data from the 9-track tape are un-blocked and logical records are written to a computer disc file.

Program - CALVAL

Data values from the instrument display, taken at the time discrete samples were taken, are input along with raw temperature and conductivity data from the discrete samples. Each set of such data constitute one field correction.

All of the field corrections are listed along with mean values for standard deviations for temperature and salinity. Generally, values for temperature and salinity are rejected if they fall beyond two standard deviations from the mean.

Subjective judgements as to the quality of the field correction data are made at this time.

Output from this program provides input for IOCAVE.

Program - IOCAVE

NODC calibrations are applied to the raw data. Data are checked to insure that they are within limits. Salinity and sigma-t are calculated. One-meter average values are calculated and written to a computer disc file.

Extrapolated and interpolated data are so marked (E and * respectively). An error report is produced noting any records that could not be interpreted. This information is summarized to give an overall indication of data quality.

Program - IOCOUT

One-meter averaged data and header information are combined to produce a finished printout:

- 1) All header information and corrected data in one meter intervals.
- 2) Flags indicating interpolated (*) and/or extrapolated (E) data are printed with associated data values.
- 3) Pertinent comments are solicited from the responsible principal investigator and attached to the final printout.

A tape with one-meter averages for depth, temperature, salinity, sigma-t, and Delta-D/per station is generated for data storage and further analysis.

Program - NODCF

This program is used to convert the output tape from IOCOUT (IMS STD final format) to an NODC formatted tape for submission for NODC to fulfill contractual obligations.

RECORD FORMAT DESCRIPTION

RECORD NAME STD RECORD FORMAT DESCRIPTION, FILE TYPE 22

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		
FILE TYPE "22" AS DESIGNATED BY OCSEP AND NODC. THERE ARE NO INTENDED DEVIATIONS FROM THIS TYPE, EXCEPT:					
		1. Col. 45-49	Depth in meters (I5 to 1/10ths)		
		2. Col. 50-53	Salinity in 0/00 (I4 to 1/100ths)		

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN <small>(0.4., 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 (✓)	
INTEROCEAN CASSETTE CTD		Aug. 1979	NRCC						
NOTE: ALL STD OR CTD UNITS ARE FIELD CORRECTED BY COMPARISON WITH DISCRETE SAMPLES TO INCREASE ACCURACY OVER STANDARD LABORATORY CALIBRATION.									

ORIG TABLE W2140

DATA DOCUMENTATION FORM

NOAA FORM 24-13
(4-72)

REV D7513
2/19/81

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-R.

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					
DATA MANAGEMENT INSTITUTE OF MARINE SCIENCE UNIVERSITY OF ALASKA, O'NEILL RES. BLDG. FAIRBANKS, ALASKA 99701					
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED			3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT		
			RT12		
4. PLATFORM NAME(S)		5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)		6. PLATFORM AND OPERATOR NATIONALITY(IES)	
R/V REDOUBT		SHIP		USA USA	
				7. DATES	
				FROM: MO/DAY/YR TO: MO/DAY/YR	
				10/07/80 10/13/80	
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)			GENERAL AREA		
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Marcia Boyette (907) 479-9072 (907) 479-7836					

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
SALINITY	0.001 ‰	NANSEN BOTTLES & INTEROCEAN CASSETTE CTD	DESCRIPTION OF BASIC PROCESSING ATTACHED	N/A
TEMPERATURE	°C	DSR THERMOMETERS & INTEROCEAN CASSETTE CTD	DESCRIPTION OF BASIC PROCESSING ATTACHED	N/A
DEPTH	0.1m (1m = 1db)	THERMOMETRIC DEPTH & INTEROCEAN CASSETTE CTD	DESCRIPTION OF BASIC PROCESSING ATTACHED	N/A

IMS STD/CTD DATA REDUCTION
(Interocean)
October 1979

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Output from this program provides input for IOCAVE.

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Extrapolated and interpolated data are so marked (E and * respectively). An error report is produced noting any records that could not be interpreted. This information is summarized to give an overall indication of data quality.

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A tape with one-meter averages for depth, temperature, salinity, sigma-t, and Delta-D/per station is generated for data storage and further analysis.

Program - NODCF

This program is used to convert the output tape from IOCOUT (IMS STD final format) to an NODC formatted tape for submission for NODC to fulfill contractual obligations.

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

THREE RECORD TYPES WITHIN FILE TYPE 22

DESIGNATED AS: "1" For Text Record (in 10th Byte position)

"2" for Master Record

"3" for Detail Record

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

FILE 22, STD/CTD: 0 to 99,999 Text Records, followed by

1 Mater Record, followed by

0 to 99,999 Detail records

REPEATS

3. ATTRIBUTES AS EXPRESSED IN

<input type="checkbox"/> PL-1	<input type="checkbox"/> ALGOL	<input type="checkbox"/> COBOL
<input checked="" type="checkbox"/> FORTRAN	<input type="checkbox"/> _____	LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER DATA MANAGER (907) 479-7836

ADDRESS Institute of Marine Science, University of Alaska, Fairbanks, AK 99701

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> BCD</td> <td><input type="checkbox"/> BINARY</td> </tr> <tr> <td><input type="checkbox"/> ASCII</td> <td><input checked="" type="checkbox"/> EBCDIC</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> BCD	<input type="checkbox"/> BINARY	<input type="checkbox"/> ASCII	<input checked="" type="checkbox"/> EBCDIC	<input type="checkbox"/> _____		<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN)</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> 3/4 INCH</td> </tr> <tr> <td><input checked="" type="checkbox"/> <u>.5 - .6 inch</u></td> </tr> </table>	<input type="checkbox"/> 3/4 INCH	<input checked="" type="checkbox"/> <u>.5 - .6 inch</u>
<input type="checkbox"/> BCD	<input type="checkbox"/> BINARY								
<input type="checkbox"/> ASCII	<input checked="" type="checkbox"/> EBCDIC								
<input type="checkbox"/> _____									
<input type="checkbox"/> 3/4 INCH									
<input checked="" type="checkbox"/> <u>.5 - .6 inch</u>									
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> SEVEN</td> </tr> <tr> <td><input checked="" type="checkbox"/> NINE</td> </tr> <tr> <td><input type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> SEVEN	<input checked="" type="checkbox"/> NINE	<input type="checkbox"/> _____	<p>10. END OF FILE MARK</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> OCTAL 17</td> </tr> <tr> <td><input checked="" type="checkbox"/> <u>Octal 23</u></td> </tr> </table>	<input type="checkbox"/> OCTAL 17	<input checked="" type="checkbox"/> <u>Octal 23</u>			
<input type="checkbox"/> SEVEN									
<input checked="" type="checkbox"/> NINE									
<input type="checkbox"/> _____									
<input type="checkbox"/> OCTAL 17									
<input checked="" type="checkbox"/> <u>Octal 23</u>									
<p>7. PARITY</p> <table style="width: 100%;"> <tr> <td><input checked="" type="checkbox"/> ODD</td> </tr> <tr> <td><input type="checkbox"/> EVEN</td> </tr> </table>	<input checked="" type="checkbox"/> ODD	<input type="checkbox"/> EVEN	<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;">022 012IMS REDOUBT CRUISE RT12 Dr. Burrell 10/07/80 - 10/13/80</p>						
<input checked="" type="checkbox"/> ODD									
<input type="checkbox"/> EVEN									
<p>8. DENSITY</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> 200 BPI</td> <td><input type="checkbox"/> 1600 BPI</td> </tr> <tr> <td><input type="checkbox"/> 556 BPI</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/> 800 BPI</td> <td></td> </tr> <tr> <td colspan="2"><input type="checkbox"/> _____</td> </tr> </table>	<input type="checkbox"/> 200 BPI	<input type="checkbox"/> 1600 BPI	<input type="checkbox"/> 556 BPI		<input checked="" type="checkbox"/> 800 BPI		<input type="checkbox"/> _____		<p>9 trk, 800BPI, EBCDIC, NO LABEL, ODD PARITY.</p> <p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center;">5-120 bytes/block</p> <p>13. LENGTH OF BYTES IN BITS</p> <p style="text-align: center;">8 bit bytes</p>
<input type="checkbox"/> 200 BPI	<input type="checkbox"/> 1600 BPI								
<input type="checkbox"/> 556 BPI									
<input checked="" type="checkbox"/> 800 BPI									
<input type="checkbox"/> _____									

RECORD FORMAT DESCRIPTION

RECORD NAME STD RECORD FORMAT DESCRIPTION, FILE TYPE 22

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		
<p>FILE TYPE "22" AS DESIGNATED BY OCSEP AND NODC. THERE ARE NO INTENDED DEVIATIONS FROM THIS TYPE, EXCEPT:</p> <ol style="list-style-type: none"> 1. Col. 45-49 Depth in meters (I5 to 1/10ths) 2. Col. 50-53 Salinity in 0/00 (I4 to 1/100ths) 					

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 (✓)	
INTEROCEAN CASSETTE CTD		Sept. 80	NRCC						
NOTE: ALL STD OR CTD UNITS ARE FIELD CORRECTED BY COMPARISON WITH DISCRETE SAMPLES TO INCREASE ACCURACY OVER STANDARD LABORATORY CALIBRATION.									

TAPE OR DISK ASSIGNMENT SHEET

(MRL) 11/6/78

(Rev. 11/80)

ACCESSION/TRACK NO. :

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	017337 	NL	600	600	F.B.		
DUPLICATE							
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE							
EDITED DISK FILE							

DATA SET ROUTE SHEET

ACCESSION/TRACK # _____

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #	81/03/04	IG	017337 017337	1	600	600	1000
QUADI/SCAN TAPE #							
ASSIGNED FOR PROCESS.							
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"							

DATE:

TO:

FROM:

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

- 1) File Type: FTP 022
- 2) Project Ident.: _____
- 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: _____

ORIG TAPE W2129

DATA DOCUMENTATION FORM

NOAA FORM 24-13
(4-72)

RCVD D7513
2/19/81

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.

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			
DATA MANAGEMENT INSTITUTE OF MARINE SCIENCE UNIVERSITY OF ALASKA, O'NEILL RES. BLDG. FAIRBANKS, ALASKA 99701			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
		RT07	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	
		PLATFORM	OPERATOR
R/V REDOUBT	SHIP	USA	USA
		7. DATES	
		FROM: MO/DAY/YR	TO: MO/DAY/YR
		04/30/80	05/06/80
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)		GENERAL AREA	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Marcia Boyette (907) 479-9072 (907) 479-7836			

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
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TEMPERATURE	°C	DSR THERMOMETERS & INTEROCEAN CASSETTE CTD	DESCRIPTION OF BASIC PROCESSING ATTACHED	N/A
DEPTH	0.1m (1m = 1db)	THERMOMETRIC DEPTH & INTEROCEAN CASSETTE CTD	DESCRIPTION OF BASIC PROCESSING ATTACHED	N/A

IMS STD/CTD DATA REDUCTION
(Interocean)
October 1979

Transcription

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Program - RDCASS

Data from the 9-track tape are un-blocked and logical records are written to a computer disc file.

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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

THREE RECORD TYPES WITHIN FILE TYPE 22

DESIGNATED AS: "1" For Text Record (in 10th Byte position)

"2" for Master Record

"3" for Detail Record

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

FILE 22, STD/CTD: 0 to 99,999 Text Records, followed by

1 Mater Record, followed by

0 to 99,999 Detail records

REPEATS

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

4. RESPONSIBLE COMPUTER SPECIALIST:
NAME AND PHONE NUMBER DATA MANAGER (907) 479-7836
ADDRESS Institute of Marine Science, University of Alaska, Fairbanks, AK 99701

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input checked="" type="checkbox"/> <u>.5 - .6 inch</u></p>
<p>6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input checked="" type="checkbox"/> OCTAL 23</p>
<p>7. PARITY <input checked="" type="checkbox"/> ODD <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 style="padding-left: 20px;">022 - 007IMS REDOUBT CRUISE RT07 Dr. Burrell 04/30/80 - 05/06/80 Stations: 01-17,19-36. 9 trk, 800BPI, EBCDIC, NO LABEL, ODD PARITY</p>
<p>8. DENSITY <input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input checked="" type="checkbox"/> 800 BPI <input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES 5-120 bytes/block</p> <p>13. LENGTH OF BYTES IN BITS 8 bit bytes</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

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RECORD NAME STD RECORD FORMAT DESCRIPTION, FILE TYPE 22

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		NUMBER	UNITS		
<p>FILE TYPE "22" AS DESIGNATED BY OCSEP AND NODC. THERE ARE NO INTENDED DEVIATIONS FROM THIS TYPE, EXCEPT:</p> <ol style="list-style-type: none"> 1. Col. 45-49 Depth in meters (I5 to 1/10ths) 2. Col. 50-53 Salinity in 0/00 (I4 to 1/100ths) 					

RECORD FORMAT DESCRIPTION

RECORD NAME _____

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

***** BK ADDITIONAL COLE BLEN *****

FUNCTION REQUESTED: COPY IN TO DT 1 FILE.
FILE IN REMOVED

FILE CODE IN FILE 1 CONTAINED 1993 RECORDS

FILE DT REMOVED

FUNCTION COMPLETED: COPIED IN TO DT 1 FILE.

FUNCTION REQUESTED: DUMP DT
FILE CODE DT FILE NUMBER 1 15 RECORDS.

DT	1	R	1	360362262360	360367311324	342361100100	100100361343	310305100311
CC			21	325342262360	343344303305	100326306100	324301331311	325305100342
CC			41	303311305325	303325100311	342100331305	342327326325	342311302323
CC			61	305100306326	331110343510	211342100304	301343301100	346310311303
CC			81	310100348301	342100303326	323325305303	343305304100	100100100100
CC			101	100100100100	100100100100	100100100100	100100100100	100100100361
CC			21	360362362360	360367311324	342361100100	100100361301	302326301331
CC			41	343346305305	325100305304	141343360141	370360100343	326100360365
CC			61	141360356141	370360100302	350100304331	113100302344	231331305323
CC			81	323100100100	100100100100	100100100100	100100100100	100100100100
CC			101	100100100100	100100100100	100100100100	100100100100	100100100362
CC			21	360362362360	360367311324	342361100100	100100361326	306100343310
CC			41	305100311325	342343311343	344343305100	326305100324	301331311325
CC			61	100100100100	100100100100	100100100100	100100100100	100100100100
CC			101*	100100100100	100100100100	100100100100	100100100100	100100100363
CC			21	360362362360	360367311324	342361100100	100100361343	310305331305
CC			41	100304305100	330344301304	331301100301	331305301113	100100100100
CC			61	100100100100	100100100100	100100100100	100100100100	100100100100
CC			101	100100100100	100100100100	100100100100	100100100100	100100100364
CC			21	360362362360	360367311324	342361100100	100100361343	310305100342
CC			41	343301343311	326325100325	344324302305	331342100301	331305100100
CC			61	361140361367	153351371140	363366113100	325326100342	343304100304
CC			61	301343301100	306326331100	342343301343	311326325100	361370113100

022007IMS1 I THE I
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022007IMS1 I ABOARD
D THE R/V REDOUBT BE
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/06/80 BY DR. BURREL
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022007IMS1 I OF TH
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E SCIENCE. 3

022007IMS1 I THERE
WERE A TOTAL OF 36
STATIONS IN THE BOCA
DE QUADRA AREA. 4

022007IMS1 I THE S
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1-17, 19-36. NO STD D
ATA FOR STATION 18.

0519T 2 01/31/81

UTL2 REPORT 771101 PAGE 2

CC			81	100100100100	100100100100	100100100100	100100100100	100100100100
CC			101	100100100100	100100100100	100100100100	100100100100	100100100365
CC			21	360362362360	360367311324	342361100100	100100361306	311305323304
CC			41	100303331344	311305303343	211326325100	306326331100	343310311342
CC			61	326324100331	141345100331	305304326344	302343100303	325100306331
CC			81	305100331343	360367113100	100100100100	100100100100	100100100100
CC			101	100100100100	100100100100	100100100100	100100100100	100100100366
CC			21	360362362360	360367311324	342361100100	100100361306	311305323304
CC			41	100303331344	331305303343	211326325100	306326331100	343310305100
CC			61	342343304100	204301343301	100346301342	100304305331	311345305304
CC			81	100302301000	303326324321	301331311325	307100342311	325307323305
CC			101	100302326343	343323305100	342361124327	323305342100	100100100100
CC			21	360362362360	360367311324	342361100100	100100361343	326100331305
CC			41	303326331304	305334100345	301323344305	342100306331	326324100343
CC			61	310305100342	343304100342	205325342326	331342113100	100343310305
CC			81	100306311305	323304100303	326331331305	303343311326	325100311342
CC			101	100302301342	305304100326	00361346	100100100100	100100100100
CC			101	100100100100	100100100100	100100100100	100100100100	100100100370

022007IMS1 I FIELD
CORRECTION FOR THIS
CRUISE WAS TAKEN FR
OM R/V REDOUBT CRUIS
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022007IMS1 I FIELD
CORRECTION FOR THE
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BY COMPARING SINGLE
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022007IMS1 I TO RE
CORDED VALUES FROM T
HE STD SENSORS. THE
FIELD CORRECTION IS
BASED ON 16 8

022007IMS1 I SA...

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 (✓)	
INTEROCEAN CASSETTE CTD		AUG.79	NRCC						
NOTE: ALL STD OR CTD UNITS ARE FIELD CORRECTED BY COMPARISON WITH DISCRETE SAMPLES TO INCREASE ACCURACY OVER STANDARD LABORATORY CALIBRATION.									

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 7800882

- 1) File Type: 015
- 2) Project Ident.: BLM/OCS - SOUTH ATLANTIC
- 3) Track Nos.: TR 3653, 4055, 4056

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

III. Processor Name: _____

TR 3653, 4055, 4056

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #	5/28/81	FJM	SP0289	4 to 6	3600	60	*
QUADI/SCAN TAPE #							
ASSIGNED FOR PROCESS.							
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"							

TR 3653 = FILE # 4 = 7746 RECORDS

TR 4055 = FILE # 5 = 7746

TR 4056 = FILE # 6 = 30,980 ↓

NOTE:

- ① FILE ID = TRACK #
- ② OUTPUT TAPE IS 002083
UNIVAC SL, FILES 4-6
LABEL = MITCH*SOATL/MULTI.
- ③ INPUT TAPE IS D782 TAPE
013109, FILES 4-6 ASS'N "TF"

7800882

(MRL) 11/6/78
(Rev. 11/80)

ACCESSION/TRACK NO.: TR3653, 4055, 4056

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	SP0289	N	60	3600	B		*
DUPLICATE							
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE							
EDITED DISK FILE							

TR 3653 = 7746 Records

TR 4055 = 7746

TR 4056 = 30,980



18 MARCH 1981

TO: J. SHAW, D782
FROM: F. MITCHELL, D781

DATA - BLM/OCS - SOUTH ATLANTIC
FT015
ACC # 8100148

TR6699 - TAPE # ~~001134~~ 001134
FILE NAME =
MITCH*TR6699.

59,878 RECORDS

TR6700 - TAPE # 001140
FILE NAME = MITCH*TR6700.

9,432 RECORDS

NOTE: FILE ID'S ARE TRACK NUMBERS

TAPES ARE 9 TRK, 1600 AT SUTLAND - UNIVAC.

TO: J. SHAW, D782

FROM: F. MITCHELL, D781

DATE: 3/17/81

DATA

[BRINE DISPOSAL PGM]
FT005

FOUR TRACKS, ONE (1) FILE

ACC# 8000049

TR 5573	-	554 RECORDS
TR 5574	-	723
TR 5575	-	740
TR 5576	-	748

↓
TOTAL 2765

TAPE # 001155 - 1600, 9TRK.

TAPE FILE NAME = MITCH*TR5573.

FILE ID'S ARE TRACK #'S

18 MARCH 1981

TO: J. SHAW, D782
FROM: F. MITCHELL, D781

DATA - BLM/OCS - SOUTH ATLANTIC
FT015
ACC # 8100148

TR6699 - TAPE # ~~001134~~ 001134
FILE NAME =
MITCH*T6699.

59,878 RECORDS

TR6700 - TAPE # 001140
FILE NAME = MITCH*TR6700.

9,432 RECORDS

NOTE: FILE ID'S ARE TRACK NUMBERS

TAPES ARE 9 TRK, 1600 AT SUTLAND - UNIVAC.

DDF A: 2: 22

DATE:
TO:
FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 7800882

- 1) File Type: 015
- 2) Project Ident.: BLM/OCS - SOUTH ATLANTIC
- 3) Track Nos.: TR4056

I. Error Corrections as reported to Principal Investigator:

<u>Error</u>	<u>Correction Completed (Check)</u>
--------------	-------------------------------------

II. Additional error corrections:

<u>Error</u>	<u>Correction Completed (Check)</u>
1. Time field (col. 22-26) blank	zero (0) were inserted in the field
2. Pressure field (49) contains zero (0)	zero (0) deleted

III. Processor Name: Josephine Nelson

TAPE OR DISK ASSIGNMENT SHEET

(MRL) 11/6/78

(Rev. 11/80)

7800882 TR4056

COPION/TRACK NO.: **COPIED TO 013109, FILE 6**

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS	
ORIGINATOR	SP0289	N	60	3600	FB		30,980	
DUPLICATE	3721	SL	60	SDF	*	*	30,980	
REFORMATTED								
FIRST USER								
FINAL USER								
DISK FILE	DSN					REMARKS	# RECORDS	
WORK DISK FILE		DISJOY + FC15A. TR4056						30,980
EDITED DISK FILE		DMNOEXMPD75. TFP15T4056						

* ① ~~FILE~~ FILE ID = TR4056

② DSN = ~~NODC*F015T4056~~
NODC*F015T4056.

11/6/81

Mr. Stone,

Please note that the label on the yellow portion of the folder is incorrect. It should read: 4056.

A handwritten signature in cursive script, consisting of a large initial 'J' followed by a few loops and a final flourish.

DDF A:2:22

78-21

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 7800881
7800882

- 1) File Type: 015
- 2) Project Ident.: BLM/OCS - SOUTH ATLANTIC
- 3) Track Nos.: TR3652, TR3653, TR4053
TR4054, TR4055

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 Hestley

Corrections 7800881-7800882

① Removed the zero in col 49 of the pressure field ~~from several~~ record type 3.

② TR4053 record type "i"
Special characters in cols 58-60.
Printed as AAA from Univac
but didn't print anything in
the Text Editor. These special
characters were deleted from the record

TAPE OR DISK ASSIGNMENT SHEET
 (MRL) 11/6/78
 (Rev. 11/30)

TR3652, 3653
 4053, 4054, 4055

ASSIGNMENT/TRACK NO.: 7800881 & 7800882

TYPE OF TAPE	TAPE NUMBER	LABEL	LRCL	BLKSIZE	RECFM	REMARKS	# RECC
ORIGINATOR	SPD289	N	60	3600	FB		30,6
DUPLICATE	SPD289 003719	NODCK F015T3652.	60	SDF	-		30,6
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECC
Final WORK DISK FILE	DISCUH* CDATA. F015T3652		60	SDF			383
Final EDITED DISK FILE	DMMLEK MIPD75. F015T3652		60	SDF			38

TRACK NO.

NO. OF RECORDS

TR 3652

7622

TR 3653

7746

TR 4053

7630

TR 4054

7630

TR 4055

7746

38,374

TAPE OR DISK ASSIGNMENT SHEET
(MRL) 11/16/78
(Rev. 11/80)

TR3652, 3653
4053, 4054, 4055

SESSION/TRACK NO.: 7800881 & 7800882

TYPE OF FILE	TAPE NUMBER	LABEL	LRFL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	SPO289	N	60	3600	FB		30,628
DUPLICATE	003719 003719	NODC* FO15T3652.	60	SDF	-		30,628
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK Final DISK FILE	DISCINH* CDATA. FO15T3652		60	SDF			38374
EDITED Final DISK FILE	DMNDEK MPD75. FO15T3652		60	SDF			38374

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 7800881
7800882

- 1) File Type: 015
- 2) Project Ident.: BLM/OCS - SOUTH ATLANTIC
- 3) Track Nos.: TR 3652, TR 3653, TR 4053
TR 4054, TR 4055

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 7800881-7800882

- ① Removed the zero in col 49 of the pressure field ~~of~~ from several record type 3.
- ② TR4053 record type '1'
Special characters in cols 58-60.
Printed as AAA from Univac but didn't print anything in the Text Editor. These special characters were deleted from the record.

TRACK NO.

NO. OF RECORDS

TR 3652

7622

TR 3653

7746

TR 4053

7630

TR 4054

7630

TR 4055

7746

38,374

ACCESSION/TRACK # 7800881/7800882

TR3652-53; 4053-55

Step	Completion Date/Init.	Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #	FJM	7/31/81 SP0289	5	3600	60	30,628
QUADI/SCAN TAPE #	FJM	7/31/81 3719	1	SDF	60	30,628
ASSIGNED FOR PROCESS.						
DDF EVALUATION						
QUALITY REVIEW						
PRELIMINARY DATA SORT						
PRELIMINARY MULCHEK	10/19/81	CMT		SDF	60	38374
FIRST USER TAPE #						
WORK DISK FILE	10/19/81	CMT				
FINAL USER TAPE #						
FINAL MULCHEK	10/20/81	CMT		SDF	60	38374
EDITOR DISK FILE	10/20/81	CMT				
DATA SET "FINALIZED"						

2. ^{Final} DISCMT * CDATA.F015T3652
 NOTE: { DMNDE * MPD75.F015T3652

① ORIGINAL TAPE HAS 6 FILES;
 FILES 1-5 WERE COMBINED FOR THIS
 FOLDER.

② D782 TAPE IS 003719 &
 DSN = NODC * F015T3652.

③ FILE ID = TRACK NO.

④ SEE DDF COVER SHEET FOR

SP0289 ACC # 7800881 TR3652

RCVD 3/30/81 DATA DOCUMENT ACC # 7800882 TR3653
 (REPLACES)

NOAA FORM 24-13 (4-77)

U.S. DEPARTMENT OF NATIONAL OCEANOGRAPHY AND ATMOSPHERIC RECORDS SERVICE WASHINGTON, DC

FT015

ACC # 7800881 TR4053
 ACC # 7800881 TR4054
 ACC # 7800882 TR4055

(While you are not required to use this form, it is the ancillary information enabling the NODC and users to obtain this 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

FILE #1 = TR3652
 FILE #2 = TR4053
 FILE #3 = TR4054
 FILE #4 = TR3653
 FILE #5 = TR4055
 FILE #6 = TR4056*

ORIGINAL TAPE

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. 4900 Water's Edge Dr., Suite 255 Raleigh, NC 27606			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED South Atlantic OCS Physical Oceanography		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT First & Second Long-Term BLM Deployment	
4. PLATFORM NAME(S) Moorings 085 & 089	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Buoy	6. PLATFORM AND OPERATOR NATIONALITY(IES) USA USA	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 11/4/77 4/13/78
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 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. Evans Waddell (919) 851-9356			

4 - 3011411

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
Current Velocity	cm/sec	AMF VACM Model 610 C	NA	NA
Temperature	DEG C	AMF VACM Model 610 C	NA	NA

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**

Header	First record	Byte #10	always '1'
Header	Second record	Byte #10	always '2'
Data	all following records	Byte #10	always '3'

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

2 header records followed by the data
Logical record length of 60

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Joseph Karpen (919) 851-8356
 ADDRESS 4900 Water's Edge Dr., Suite 255, Raleigh, NC 27606

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 <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 checked="" type="checkbox"/> Standard IBM</p>
<p>7. PARITY</p> <p><input 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>SP0289 BLM Mooring 085 and 089 6 files LRECL = 60 BLK SIZE = 3600</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 356 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p align="center">3600</p>
	<p>13. LENGTH OF BYTES IN BITS</p> <p align="center">8</p>

RECORD FORMAT DESCRIPTION

RECORD NAME HEADER #1

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		
File Type	1	3	char.	A3	signifies current meter data always '015'
Blank	4	6	bytes	6X	blank
Record type	10	1	bytes	I1	always '1' signifies record type
Meter Number	11	5	char.	A5	analogous to NODC station number
Blank	16	1	byte	IX	blank
Text	17	43	char.	43	additional pertinent information

RECORD FORMAT DESCRIPTION

RECORD NAME HEADER #2

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	char	A3	signifies current meter data always '015'
Blank	4	6	bytes	6X	blank
Record type	10	1	bytes	I1	always '2', signifies record type
Meter number	11	5	char	A5	analagous to NODC station number
Latitude					} Location of current meter
Degrees	16	2	bytes	I2	
Minutes	18	2	bytes	I2	
Hundredths	20	2	bytes	I2	
Hemisphere	22	1	char	A1	always 'N' or 'S'
Longitude					} Location of current meter
Degrees	23	3	bytes	I3	
Minutes	26	2	bytes	I2	
Hundredths	28	2	bytes	I2	
Hemisphere	30	1	char	A1	always 'E' or 'W'
Depth to bottom	31	5	bytes	I5	whole meters
Depth of current meter	36	5	bytes	I5	whole meters
Blank	41	14	bytes	14	blank
Number of data records	55	6	bytes	I6	number of data records to follow

RECORD FORMAT DESCRIPTION

RECORD NAME DATA

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	char	A3	signifies current meter data always '015'
Blank	4	6	bytes	6X	Blank
Record Type	10	1	bytes	1	always '3' signifies data record
Meter Number	11	5	char	A5	analagous to NODC station number
Year	16	2	bytes	I2	last two digits of year
Month	18	2	bytes	I2	1-12
Day	20	2	bytes	I2	1-31
Hour	22	2	bytes	I2	GMT
Minutes	24	2	bytes	I2	
Hundredths of minute	26	2	bytes	I2	
East-West(u) current component	28	6	bytes	I6	cm/sec, to hundredths, positive for East
North-South (v) current component	34	6	bytes	I6	cm/sec, to hundredths, positive for North
Temperature	40	5	bytes	I5	degrees C, to hundredths
Pressure	45	5	bytes	I5	decibars, to tenths
Conductivity	50	4	bytes	I4	mmho/cm, to hundredths
Blank	54	1	bytes	1X	blank
Sequence number	55	6	bytes	I6	data record number

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 (✓)	
AMF VACM Model 610 C Thermisters	27 July 1977-Moorings 089 14 July 1977-Moorings 085		WHOI					X	
AMF VACM Model 610 C Current Meters									X*
*Note: AMF VACM current meters are not calibrated, but go through extensive pre & post deployment checkouts									

DDF A: 2:22

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 7800882

- 1) File Type: 015
- 2) Project Ident.: BLM/OCS - SOUTH ATLANTIC
- 3) Track Nos.: TR4056

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

- | | |
|---|---|
| <p>1. Time field (col. 22-26)
blank</p> <p>2. Pressure field (49)
contains zero (0)</p> | <p>zero (0)s were inserted
to fill the field</p> <p>zero (0)s deleted</p> |
|---|---|

III. Processor Name: Josephine Nelson

TAPE OR DISK ASSIGNMENT SHEET

(MRL) 11/6/78

(Rev. 11/80)

7800882 TR4056

ACCION/TRACK NO.:

COPIED TO 013109, FILE 6

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	SP0289	N	60	3600	FB		30,980
DUPLICATE	3721	SL	60	SDF ←	*		30,980
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE		DISJOY * FO15A. TR4056					30,980
EDITED DISK FILE							

* ① ~~FILE~~ FILE ID = TR4056

② DSN = ~~ADD AT 05~~
NODC * FO15T4056.

DATA SET REVIEW SHEET

COPIED TO 013109, FILE 6 ACCESSION/TRACK # 7800882
 TR 4056

Step	Completion Date/Init.		Tape # or DSN	# of Files (#6)	BLKSIZE	LRECL	# RECORDS
	ORIGINATOR TAPE #	8/4/81	FJM	SP0289	1	3600	60
QUADI/SCAN TAPE #							
ASSIGNED FOR PROCESS.							
DDF EVALUATION	11/3/81	JW					
QUALITY REVIEW	11/3/81	JW					
PRELIMINARY DATA SORT							
PRELIMINARY MULCHEK	11/5/81	JW	DIS JOY * FOISA. TR 4056				
FIRST USER TAPE #							
WORK DISK FILE							
FINAL USER TAPE #	11/5/81	JW	DIS JOY * FOISA. TR 4056				
FINAL MULCHEK	11/5/81	JW	DIS JOY * FOISA. TR 4056				
EDITED DISK FILE							
DATA SET "FINALIZED"							

TAPE
SP 289

ACCESSION
NUMBER

7800882

RCVD 3/30/81

DATA DOCUMENTATION FORM
(REPLACEMENT)

NOAA FORM 24-13
4-771

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

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

FT 015

TR4056

(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.

ORIGINAL DATA → FILE #1 = TR3652
A. ORIGINATOR IDENTIFICATION FILE #2 = TR4053

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS FILE #3 = TR4054

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED
Science Applications, Inc.
4900 Water's Edge Dr., Suite 255
Raleigh, NC 27606
FILE #4 = TR3653
FILE #5 = TR4055
FILE #6 = TR4056

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED
South Atlantic OCS Physical Oceanography

3. CRUISE NUMBERS USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT
First & Second Long-Term BLM Deployment

4. PLATFORM NAME(S)
Moorings 085 & 089

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

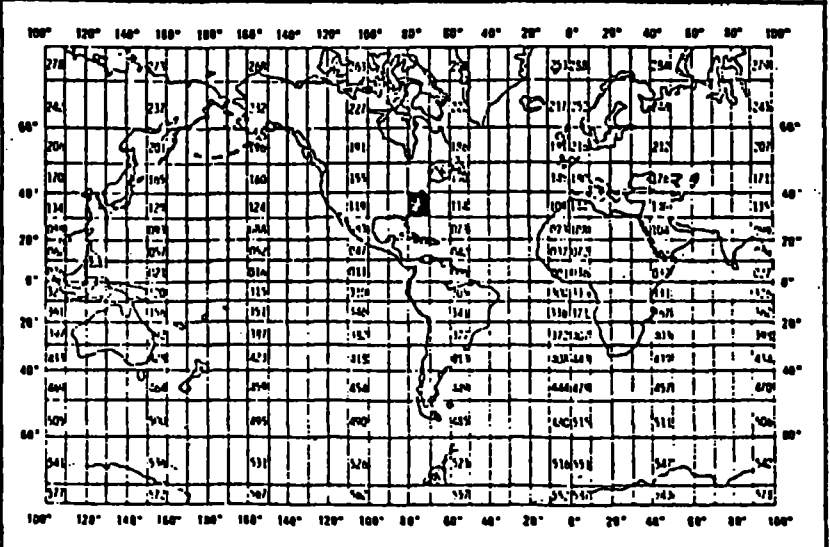
6. PLATFORM AND OPERATOR
NATIONALITY(IES)
PLATFORM OPERATOR
USA USA

7. DATES
FROM: MO/DAY/YR TO: MO/DAY/YR
11/4/77 4/13/78

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. Evans Waddell
(919) 851-8356

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
Current Velocity	cm/sec	AMF VACM Model 610 C	NA	NA
Temperature	DEG C	AMF VACM Model 610 C	NA	NA

RECORD FORMAT DESCRIPTION

RECORD NAME **HEADER #2**

13. FIELD NAME	15. POSITION FROM - 1 MEASURED IN <small>(e.g., bits, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	char	A3	signifies current meter data always '015'
Blank	4	6	bytes	6X	blank
Record type	10	1	bytes	I1	always '2', signifies record type
Meter number	11	5	char	A5	analagous to NODC station number
Latitude					
Degrees	16	2	bytes	I2	} Location of current meter
Minutes	18	2	bytes	I2	
Hundredths	20	2	bytes	I2	
Hemisphere	22	1	char	A1	always 'N' or 'S'
Longitude					
Degrees	23	3	bytes	I3	} Location of current meter
Minutes	26	2	bytes	I2	
Hundredths	28	2	bytes	I2	
Hemisphere	30	1	char	A1	always 'E' or 'W'
Depth to bottom	31	5	bytes	I5	whole meters
Depth of current meter	36	5	bytes	I5	whole meters
Blank	41	14	bytes	14	blank
Number of data records	55	6	bytes	I6	number of data records to follow

RECORD FORMAT DESCRIPTION

RECORD NAME DATA

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	char	A3	signifies current meter data always '015'
Blank	4	6	bytes	6X	Blank
Record Type	10	1	bytes	1	always '3' signifies data record
Meter Number	11	5	char	A5	analagous to NODC station number
Year	16	2	bytes	I2	last two digits of year
Month	18	2	bytes	I2	1-12
Day	20	2	bytes	I2	1-31
Hour	22	2	bytes	I2	GMT
Minutes	24	2	bytes	I2	
Hundredths of minute	26	2	bytes	I2	
East-West(u) current component	28	6	bytes	I6	cm/sec, to hundredths, positive for East
North-South (v) current component	34	6	bytes	I6	cm/sec, to hundredths, positive for North
Temperature	40	5	bytes	I5	degrees C, to hundredths
Pressure	45	5	bytes	I5	decibars, to tenths
Conductivity	50	4	bytes	I4	mmho/cm, to hundredths
Blank	54	1	bytes	1X	blank
Sequence number	55	6	bytes	I6	data record number

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**

Header	First record	Byte #10	always '1'
Header	Second record	Byte #10	always '2'
Data	all following records	Byte #10	always '3'

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

2 header records followed by the data
Logical record length of 60

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Joseph Karpen (919) 851-8356
 ADDRESS 4900 Water's Edge Dr., Suite 255, Raleigh, NC 27606

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input type="checkbox"/> OCTAL 17 <input checked="" type="checkbox"/> Standard IBM</p>
<p>7. PARITY</p> <p><input type="checkbox"/> ODD <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>SP0289 BLM Mooring 085 and 089 6 files LRECL = 60 BLK SIZE = 3600</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 800 BPI <input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p align="center">3600</p>
	<p>13. LENGTH OF BYTES IN BITS</p> <p align="center">8</p>

RECORD FORMAT DESCRIPTION

RECORD NAME **HEADER #1**

13. FIELD NAME	15. POSITION FROM - 1 MEASURED IN <small>(e.g., bits, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	char.	A3	signifies current meter data always '015'
Blank	4	6	bytes	6X	blank
Record type	10	1	bytes	I1	always '1' signifies record type
Meter Number	11	5	char.	A5	analogous to NODC station number
Blank	16	1	byte	IX	blank
Text	17	43	char.	43	additional pertinent information

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 (✓)	
AMF VACM Model 610 C Thermisters	27 July 1977-Mooring 089 14 July 1977-Mooring 085		WHOI					X	
AMF VACM Model 610 C Current Meters									X*
*Note: AMF VACM current meters are not calibrated, but go through extensive pre & post deployment checkouts									

1 M-L
SP0289
FREDIC
(MITCH)

ACCESSION
NUMBER

780082
TR3652
TR4053

NOAA FORM 24-13 (4-77)
RCVD 3/30/81
DATA DOCUMENTATION FORM
(REPLACEMENT)

7800882
TR3653

TR3652
TR4053

TR4055
TR4056

FORM APPROVED
O.M.B. No. 41-R-651
EXPIRES 1-81
TR4054

FT015

(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

FILE #1 = TR3652
FILE #2 = TR4053
FILE #3 = TR4054

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.
4900 Water's Edge Dr., Suite 255
Raleigh, NC 27606
FILE #4 = TR3653
FILE #5 = TR4055
FILE #6 = TR4056

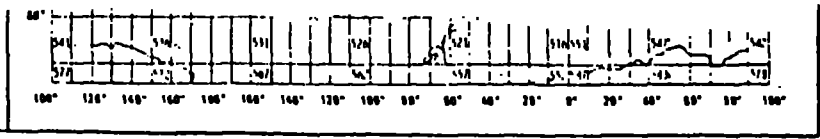
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED
South Atlantic OCS Physical Oceanography

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT
First & Second Long-Term BLM Deployment

4. PLATFORM NAME(S)
Moorings
8. ARE DATA FROM PROGRAM (I.E., SHIP DATA COLLECTIONAL)
 NO
9. ARE DATA FROM PROGRAM (I.E., SHIP DATA COLLECTIONAL)
 NO
10. PERSONAL DATA (PHONE NUMBER, ADDRESS, ETC.)

5. PLATFORM TYPE(S)
6. PLATFORM AND OPERATOR NATIONALITY(IES)
7. DATES

NOTE:
① FILE ID = TRACK #
② DATA IS ON UNIVAC SL TAPE, FILES 4 THRU 6
LABEL = MITCH * SOATL / MULTI.



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
Current Velocity	cm/sec	AMF VACM Model 610 C	NA	NA
Temperature	DEG C	AMF VACM Model 610 C	NA	NA

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**

Header	First record	Byte #10 always '1'
Header	Second record	Byte #10 always '2'
Data	all following records	Byte #10 always '3'

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

2 header records followed by the data

Logical record length of 60

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Joseph Karpen (919) 851-8356
 ADDRESS 4900 Water's Edge Dr., Suite 255, Raleigh, NC 27606

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input type="checkbox"/> OCTAL 17 <input checked="" type="checkbox"/> Standard IBM</p>
<p>7. PARITY</p> <p><input type="checkbox"/> ODD <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>SP0289 BLM Mooring 085 and 089 6 files LRECL = 60 BLK SIZE = 3600</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 800 BPI <input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p style="text-align: center;">3600</p>
	<p>13. LENGTH OF BYTES IN BITS</p> <p style="text-align: center;">8</p>

RECORD FORMAT DESCRIPTION

RECORD NAME HEADER #1

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		
File Type	1	3	char.	A3	signifies current meter data always '015'
Blank	4	6	bytes	6X	blank
Record type	10	1	bytes	I1	always '1' signifies record type
Meter Number	11	5	char.	A5	analogous to NODC station number
Blank	16	1	byte	IX	blank
Text	17	43	char.	43	additional pertinent information

RECORD FORMAT DESCRIPTION

RECORD NAME HEADER #2

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g. bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	char	A3	signifies current meter data always '015'
Blank	4	6	bytes	6X	blank
Record type	10	1	bytes	I1	always '2', signifies record type
Meter number	11	5	char	A5	analogous to NODC station number
Latitude					
Degrees	16	2	bytes	I2	} Location of current meter
Minutes	18	2	bytes	I2	
Hundredths	20	2	bytes	I2	
Hemisphere	22	1	char	A1	always 'N' or 'S'
Longitude					
Degrees	23	3	bytes	I3	} Location of current meter
Minutes	26	2	bytes	I2	
Hundredths	28	2	bytes	I2	
Hemisphere	30	1	char	A1	always 'E' or 'W'
Depth to bottom	31	5	bytes	I5	whole meters
Depth of current meter	36	5	bytes	I5	whole meters
Blank	41	14	bytes	14	blank
Number of data records	55	6	bytes	I6	number of data records to follow

RECORD FORMAT DESCRIPTION

RECORD NAME DATA

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN. (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	char	A3	signifies current meter data always '015'
Blank	4	6	bytes	6X	Blank
Record Type	10	1	bytes	1	always '3' signifies data record
Meter Number	11	5	char	A5	analagous to NODC station number
Year	16	2	bytes	I2	last two digits of year
Month	18	2	bytes	I2	1-12
Day	20	2	bytes	I2	1-31
Hour	22	2	bytes	I2	GMT
Minutes	24	2	bytes	I2	
Hundredths of minute	26	2	bytes	I2	
East-West(u) current component	28	6	bytes	I6	cm/sec, to hundredths, positive for East
North-South (v) current component	34	6	bytes	I6	cm/sec, to hundredths, positive for North
Temperature	40	5	bytes	I5	degrees C, to hundredths
Pressure	45	5	bytes	I5	decibars, to tenths
Conductivity	50	4	bytes	I4	mmho/cm, to hundredths
Blank	54	1	bytes	1X	blank
Sequence number	55	6	bytes	I6	data record number

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 (INFR., 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 (✓)	
AMF VACM Model 610 C Thermisters	27 July 1977-Moring 089 14 July 1977-Moring 085		WHOI					X	
AMF VACM Model 610 C Current Meters									X*
*Note: AMF VACM current meters are not calibrated, but go through extensive pre & post deployment checkouts									

Password:

accNo	fileA	refNo	proj	inst	ship	startDate	cruise	catId
7800881	F015	TR3652	0094	312H	317F	1977/11/04	IST DEPL	308426
7800881	F015	TR4053	0094	312H	317F	1977/11/04	1ST	308427
7800881	F015	TR4054	0094	312H	317F	1977/11/04	1ST	308428

(3 rows affected)

Password:

accNo	fileA	refNo	ship	staCnt	recCnt	startDate	endDate
7800881	F015	TR3652	317F	3	7622	77/11/04	78/01/01
7800881	F015	TR4053	317F	3	7630	77/11/04	78/01/01
7800881	F015	TR4054	317F	3	7630	77/11/04	78/01/01

(3 rows affected)

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
7800882	F015	TR3653	0094	312H	317F	1978/01/22	2ND	308429
7800882	F015	TR4055	0094	312H	317F	1978/01/22	2ND	308430
7800882	F015	TR4056	0094	312H	317F	1978/01/22	2ND	308431

(3 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
7800882	F015	TR3653	317F	4	7746	78/01/22	78/04/01
7800882	F015	TR4055	317F	4	7746	78/01/22	78/04/01
7800882	F015	TR4056	317F	5	30980	78/01/22	78/04/01

(3 rows affected)