

RECD: 3 DEC 79 TAPE AT 0032 ACCESSION NUMBER 79-0337

DATA DOCUMENTATION FORM

FT 015 DOF A:2:14

NOAA FORM 24-13

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

U.S.D. NO. 24-13
EXPIRES 1-81

BLM/OCS - SOUTH ATLANTIC

TR5060

(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.)

TR5061

TR5062

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.

FO15

A. ORIGINATOR IDENTIFICATION

F. MITCHELL

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

TAPE 2440

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		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
South Atlantic OCS Physical Oceanography		Third Long Term BLM Deployment	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
NOVA Mooring #091	Buoy	USA	USA
		PLATFORM	OPERATOR
		USA	USA
		FROM: MO/DAY/YR	TO: MO/DAY/YR
		4/13/78	8/1/78
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 (DNPI)? (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. Paul Debrule (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
Pressure	decibars	AMF VACM MODEL 610C modified to also record pressure	NA	NA

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'	

Files 1 to 3 are AMF VACM current meter data

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</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input type="checkbox"/> OCTAL 17</p> <p><input 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>0032 Third Long Term Mooring 3 Files LRECL = 60 BLK SIZE - 6000</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>6000</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>8</p>

RECORD FORMAT DESCRIPTION

RECORD NAME HEADER #1

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	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
Filler	16	1	byte	I1	
Text	17	41	char	41A1	additional pertinent information

RECORD FORMAT DESCRIPTION

RECORD NAME HEADER #2

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN bytes (e.g., bit, byte)	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	
Seconds	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	
Seconds	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	12	bytes	12X	blank
Number of data records	53	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., bit, 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' signified 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 min	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 610C Thermisters	14 March 1978		WHOI					X	
AMF VACM Model 610C Current Meters									X*
AMF VACM Model 610C Pressure modification			NOVA		X				
*Note: AMF VACM current meters are not calibrated, but go through extensive pre & post deployment checkouts									

TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 79-0338

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	ANDY71	NL	80	4000	FB	
DUPLICATE	001840	NL	80	4800	FB	
REFORMATTED						
FIRST USER	008892	SL	80	4000	FB	Corrected USER T5047
FINAL USER	003304	SL	80	4000	FB	Corrected whole BRUP T5047

Data Set Route Sheet

Accession # 79-0338

Step	Completion Date/Init.	Tape #, # of Files	BLKSIZE,	LRECL
1. Originator Tape #	12-4-79	ANDN 71	1	4000 80
2. QUADT Duplicate Tape #	12-11-79	001840	1	4800 80
3. DDF Evaluation				
4. Quality Review				
5. Preliminary Data Sort				
6. Preliminary Check				
7. First User Tape #				
8. Final User Tape #				
9. Final Check				
10. NAFIS Inventory				
11. DIP Inventory				
12. Data Set 'Finalized'				

Error Correction Documentation Form

DATE: 12-20-79

TO:

FROM: D781

SUBJECT: Error Correction in Processing of Data Set - Accession # 79-0338

- 1) File Type: 124
- 2) Project Ident.: OCSEAP
- 3) Track Nos.: TR5047-5049

I. Error Corrections as reported to Principal Investigator:

<u>Error</u>	<u>Correction Completed (Check)</u>
① Tracks out of sequence	✓
② Invalid track type code in station A of track 5047 Record Type D.	✓
③ Lon. 50°00'W in station 13 track 5047 record Type B	changed to 150°00'W after consulting w/ Helminski

II. Additional error corrections:

<u>Error</u>	<u>Correction Completed (Check)</u>
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III. Processor Name: Susan King

DDF A:2:14
RCVD: 3 DEC 79

DATA DOCUMENTATION FORM

TAPE A0034

79-0337

NOAA FORM 24-13

(4-72)

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-R7651
EXPIRES 1-81

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.)

BLM/OCS-SOUTH ATLANTIC

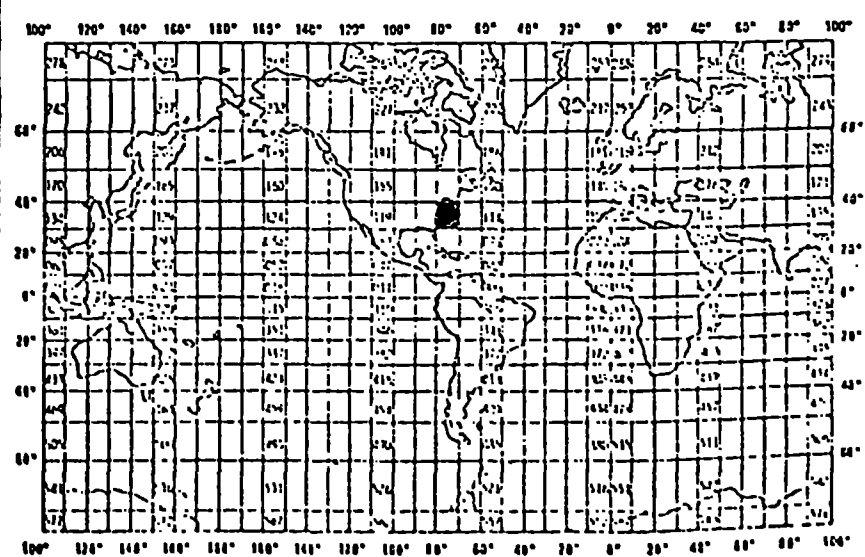
This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, 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.

TR5063
TR5064
TR5065

F. MITCHELL

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED Science Applications, Inc. 4900 Water's Edge Dr., Suite 255 Raleigh, NC 27606 QUADI = 10306											
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 Fifth Long Term BLM Deployment									
4. PLATFORM NAME(S) NOVA Mooring #095	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Buoy	6. PLATFORM AND OPERATOR NATIONALITY(IES) <table border="1"><thead><tr><th>PLATFORM</th><th>OPERATOR</th><th>FROM: MO/DAY/YR</th><th>TO: MO/DAY/YR</th></tr></thead><tbody><tr><td>USA</td><td>USA</td><td>11/15/78</td><td>3/20/79</td></tr></tbody></table>		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR	USA	USA	11/15/78	3/20/79
PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR								
USA	USA	11/15/78	3/20/79								
7. DATES											
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) Paul Debrule (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
Pressure	decibars	AMF VACM MODEL 610C modified to also record pressure	NA	NA

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'	

Files 1 to 3 are AMF VACM current meter data

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

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

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

5. RECORDING MODE <input type="checkbox"/> DCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____	9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input checked="" type="checkbox"/> Standard IBM
7. PARITY <input type="checkbox"/> ODD <input type="checkbox"/> EVEN	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER) 0034 Fifth Long Term Mooring #095 3 Files LRECL = 60 BLK SIZE - 6000
8. DENSITY <input type="checkbox"/> 200 DPI <input checked="" type="checkbox"/> 1600 DPI <input type="checkbox"/> 556 DPI <input type="checkbox"/> 800 DPI <input type="checkbox"/> _____	12. PHYSICAL BLOCK LENGTH IN BYTES 6000 13. LENGTH OF BYTES IN BITS 8

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN BYTES (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	char.	A3	signifies current meter data always '015'
Blank	4	6	bytes	6X	blank
Record Type	10	1	bytes	11	always '1' signifies record type
Meter Number	11	5	char.	A5	analogous to NODC station number
Filler	16	1	byte	11	
Text	19	43	char	43A1	additional pertinent information

14. FIELD NAME	15. POSITION FROM 1 MEASURED IN bytes (e.g., 1015, 10150)	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	11	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	14X	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., b110, b120)	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	12	last two digits of year
Month	18	2	bytes	12	1-12
Day	20	2	bytes	12	1-31
Hour	22	2	bytes	12	{ GMT
Minutes	24	2	bytes	12	
Hundredths of min	26	2	bytes	12	
East-West (u) current component	28	6	bytes	16	cm/sec, to hundredths, positive for East
North-South (v) current component	34	6	bytes	16	cm/sec, to hundredths, positive for North
Temperature	40	5	bytes	15	degrees C, to hundredths
Pressure	45	5	bytes	15	decibars, to tenths
Conductivity	50	4	bytes	14	mmho/cm, to hundredths
Blank	54	1	bytes	1X	blank
Sequence number	55	6	bytes	16	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 610C Thermisters	14 March 1978		WHOI					X	
AMF VACM Model 610C Current Meters									X*
AMF VACM Model 610C Pressure modification			NOVA		X				
*Note: AMF VACM current meters are not calibrated, but go through extensive pre & post deployment checkouts									

Data Set Route Sheet

TR 5063 - 5065

Accession # 79-0337

Step	Completion Date/Init.		Tape #, # of Files	BLKSIZE	LRECL
1. Originator Tape #	12/3/79	FJM	AT0034 3	6000	60
2. QUAD Duplicate Tape #	12/28/79	FJM	10306 3	4800	60
3. DDF Evaluation					
4. Quality Review					
5. Preliminary Data Sort					
6. Preliminary Check					
7. First User Tape #	6/20/80	CBF	8942 3	4800	60
8. Final User Tape #	6/25/80	CBF	0485 3	4800	60
9. Final Check					
10. NAPIS Inventory					
11. DIP Inventory					
12. Data Set 'Finalized'					

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
7900337	F015	TR5060	0094	312H	317F	1978/04/13	NULL	310527
7900337	F015	TR5061	0094	312H	317F	1978/04/13	NULL	310528
7900337	F015	TR5062	0094	312H	317F	1978/04/13	NULL	310529
7900337	F015	TR5063	0094	312H	317F	1978/11/15	NULL	310530
7900337	F015	TR5064	0094	312H	317F	1978/11/15	NULL	310531
7900337	F015	TR5065	0094	312H	317F	1978/11/15	NULL	310532

(6 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
7900337	F015	TR5060	317F	5	10563	78/04/13	78/08/01
7900337	F015	TR5061	317F	5	42246	78/04/13	78/08/01
7900337	F015	TR5062	317F	5	10563	78/04/13	78/08/01
7900337	F015	TR5063	317F	5	12040	78/11/15	79/03/20
7900337	F015	TR5064	317F	5	12040	78/11/15	79/03/20
7900337	F015	TR5065	317F	3	25040	78/11/15	79/03/20

(6 rows affected)

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 79-0337

- 1) File Type: 015
- 2) Project Ident.: BLM/OCS - SOUTH ATLANTIC
- 3) Track Nos.: 5063 - 5065

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

*Changed 8888 to
all blanks in pressure
field.*

III. Processor Name:

Charles B. Selbit

TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 79-0337 TR5063 - 5065

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	AT0034	N	60	6000	FB	
QUADL DUPLICATE	10306	N	60	4800	FB	
REFORMATTED						
FIRST USER	8942	NL	60	4800	FB	3 FILES
FINAL USER	0485	NL	60	4800	FB	3 FILES

REV. 3 DEC 79 | TAPE AT 222 | 7900337

FT 015

DATA DOCUMENTATION FORM

TR5060-TR5065

FOIS

NOAA FORM 24-13

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

U.S. D. NO. 1-81
EXPIRES 1-81

LM/OCS-SOUTH ATLANTIC

TR5060

TR5061

TR5062

(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.)

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FOIS

A. ORIGINATOR IDENTIFICATION

F MITCHELL

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

TAPE 2440

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		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
South Atlantic OCS Physical Oceanography		Third Long Term BLM Deployment	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
HOVA Mooring #091	Buoy	PLATFORM OPERATOR	FROM: MO/DAY/YR TO: MO/DAY/YR
		USA USA	4/13/78 8/1/78
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. Paul Debrule (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
Pressure	decibars	AMF VACM MODEL 610C modified to also record pressure	NA	NA

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'	

Files 1 to 3 are AMF VACM current meter data

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

5. RECORDING MODE <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____	9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input checked="" type="checkbox"/> Standard IBM
7. PARITY <input type="checkbox"/> ODD <input type="checkbox"/> EVEN	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER) 0032 Third Long Term Mooring 3 Files LRECL = 60 BLK SIZE - 6000
8. DENSITY <input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 800 BPI <input type="checkbox"/> _____	12. PHYSICAL BLOCK LENGTH IN BYTES 6000
	13. LENGTH OF BYTES IN BITS 8

RECORD NAME HEADER #1

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN BYTES (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	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
Filler	16	1	byte	I1	
Text	17	41	char	41A1	additional pertinent information

RECORD FORMAT DESCRIPTION

RECORD NAME HEADER #2

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN bytes (e.g., b11b, b12b)	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	
Seconds	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	
Seconds	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	12	bytes	12X	blank
Number of data records	53	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., bltn, 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' signified 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 min	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	nmho/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 610C Thermisters	14 March 1978		WHOI					X	
AMF VACM Model 610C Current Meters									X*
AMF VACM Model 610C Pressure modification			NOVA		X				
*Note: AMF VACM current meters are not calibrated, but go through extensive pre & post deployment checkouts									

Error Correction Documentation Form

DATE:

TC:

FROM:

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

79-0337

1) File Type:

①15

2) Project Ident.:

BLM/OCS-SOUTH ATLANTIC

3) Track Nos.:

TR 5060 - 5062

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

1. Replaced blank in minutes
(time) with 0.

2. Replaced bbbp in pressure
with all blanks.

✓

III. Processor Name:

Charles B. Lick

TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO:

TR 5060-62

79-0337

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	AT0032	NL	60	6000	FB	
QUADI DUPLICATE	2440	NL	60	4800	FB	
REFORMATED						
FIRST USER	1966	NL	60	4800	FB	3 FILES
FINAL USER	2660	NL	60	4800	FB	3 FILES

Data Set Route Sheet

Accession # 79-0337

TR 5060 - 5062

Step	Completion Date/Init.		Tape #, # of Files	BLKSIZE,	LRECL
1. Originator Tape #	12/3/79	FJM	AT0032 3	6000	60
2. QUAD Duplicate Tape #	12/6/79	FJM	2440 3	4800	60
3. DDF Evaluation					
4. Quality Review					
5. Preliminary Data Sort					
6. Preliminary Check					
7. First User Tape #	6/18/80	CBT	1966 3	4800	60
8. Final User Tape #	6/19/80	CBT	2660 3	4800	60
9. Final Check					
10. NAPIS Inventory					
11. DIP Inventory					
12. Data Set 'Finalized'					

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
7900337	F015	TR5060	0094	312H	317F	1978/04/13	NULL	310527
7900337	F015	TR5061	0094	312H	317F	1978/04/13	NULL	310528
7900337	F015	TR5062	0094	312H	317F	1978/04/13	NULL	310529
7900337	F015	TR5063	0094	312H	317F	1978/11/15	NULL	310530
7900337	F015	TR5064	0094	312H	317F	1978/11/15	NULL	310531
7900337	F015	TR5065	0094	312H	317F	1978/11/15	NULL	310532

(6 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
-----	-----	-----	-----	-----	-----	-----	-----
7900337	F015	TR5060	317F	5	10563	78/04/13	78/08/01
7900337	F015	TR5061	317F	5	42246	78/04/13	78/08/01
7900337	F015	TR5062	317F	5	10563	78/04/13	78/08/01
7900337	F015	TR5063	317F	5	12040	78/11/15	79/03/20
7900337	F015	TR5064	317F	5	12040	78/11/15	79/03/20
7900337	F015	TR5065	317F	3	25040	78/11/15	79/03/20

(6 rows affected)