RCVD: 6 MAY 80 | BLM/OCS - So. ATLANTIC | ACCESSION NUMBER | 80-0257

FT015 DOF 4:4:02 TR5875-5876

DATA DOCUMENTATION FORM

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

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

SAME DATES FOR EACH TRACK

TAPE SP0198 - 3 FILES

(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.

FILE ID = BLANK

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

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

1979 Short Term BLM Deployment

4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR
NOVA Mooring 099	Buoy	USA	USA	3/27/79	11/4/79

8. ARE DATA PROPRIETARY?

[XX] NO [ ] YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR____ MONTH____

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?

(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

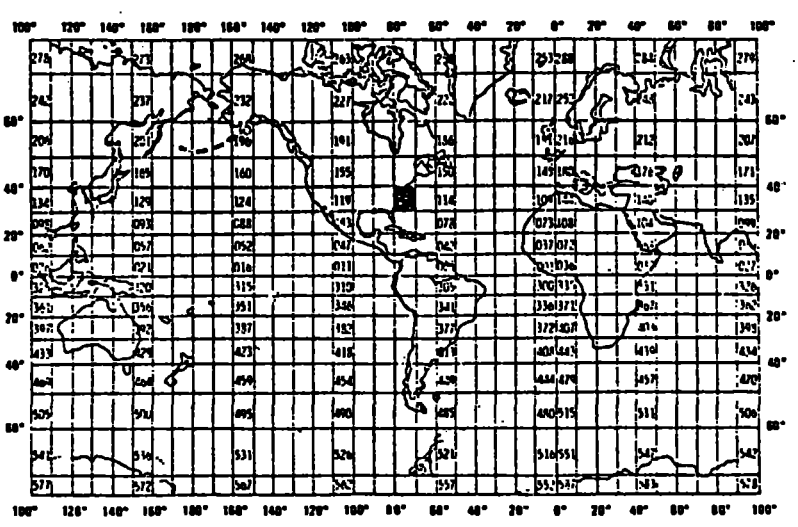
[ ] NO [ ] YES [ ] PART (SPECIFY BELOW)

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

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

GENERAL AREA



NOAA FORM 24-13

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

NOAA FORM 24-13

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'

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
☐ BCD ☐ BINARY
☐ ASCII ☒ EBCDIC
☐ _____

6. NUMBER OF TRACKS (CHANNELS)
☐ SEVEN
☒ NINE
☐ _____

7. PARITY
☐ ODD
☐ EVEN

8. DENSITY
☐ 200 BPI ☒ 1600 BPI
☐ 556 BPI
☐ 800 BPI
☐ _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN) ☐ 3/4 INCH ☐ _____

10. END OF FILE MARK
☐ OCTAL 17
☒ Standard IBM

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

SP 0198
1979 Short Term BLM Mooring
3 Files
LRECL = 60
BLK SIZE - 3600

12. PHYSICAL BLOCK LENGTH IN BYTES
3600

13. LENGTH OF BYTES IN BITS
8

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME HEADER #1

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 '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 NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
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

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME DATA

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
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	GMT
Hundredths of minute	26	2	bytes	I2	GMT
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 CALIBRATED (√)
		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	26 Feb 1979		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									

NOAA FORM 24-13

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

ACCESSION/TRACK NO.: 8000257 TR5875-76

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	SP0198	NL	60	3600	FB		31,059
DUPLICATE	261	SL	60	SD/F		*	31,059
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE							
EDITED DISK FILE							

* ① LABEL = NODC*FDIST5875.

② FILE ID = TRACK #

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8000257

1) File Type: Ø15

2) Project Ident.: BLM/OCS - SOUTH ATLANTIC

3) Track Nos.: TR5875 - 76

I. Error Corrections as reported to Principal Investigator:

Error	Correction Completed (Check)
'?' IN BYTE #1	✓

II. Additional error corrections:

Error	Correction Completed (Check)

III. Processor Name: _____

DATA SET ROUTE SHEET

ACCESSION/TRACK # 8000257

TR5875-76

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #	5/6/80	FDM	SP0198	3 *	3600	60	31,059
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"							

* FILES 1 & 2 FOR TRACKS TR5875-76

80-0256

SECTION A: ORIGINATOR IDENTIFICATION

The information in this section is used to credit the data to the proper originator and to allow archive indexing.

1. Write the complete name and address of the institution or laboratory with which the submitted data are associated. If several institutions are involved, indicate all.

2. Write name of the expedition, project, or program during which the data were collected.

3. Write the name and/or cruise number used internally or in publications to identify the data.

4. Enter the name, number, or other designator of the platform associated with the data. If more than one platform is used, explain proper data association.

5. Identify the type of platform, e.g., ship, aircraft.

6. Include nationality of platform registry.

7. If data should not be released for a specified time period, check "YES" box and complete item 8.

8. Specify date when data can be released for general distribution.

9. Give the name and address of the scientist to whom inquiries concerning data should be addressed.

10. If data should be included in World Data Center A for international exchange, please check "YES" for DNP; otherwise check "NO." If part of data should be treated as DNP, check "PART" and specify.

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED FOR ALL TRANSMITTALS		
1. INSTITUTION/LABORATORY/ACTIVITY (NAME AND ADDRESS) Scripps Institution of Oceanography La Jolla, CA 92093		
2. EXPEDITION/PROJECT/PROGRAM IWSOE 1976		3. CRUISE NUMBER 318216
4. PLATFORM NAME USCGC Glacier	5. PLATFORM TYPE ship	6. PLATFORM NATIONALITY USA
7. ARE DATA PROPRIETARY? ☒ NO ☐ YES COMPLETE 8 IF YES	8. RELEASE DATE	
9. RESPONSIBLE SCIENTIST (WITH ADDRESS IF NOT THE SAME AS ITEM 1) Prof. Theodore D. Foster		
10. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? ☒ YES ☐ NO		☐ PART (SPECIFY)

B. SCIENTIFIC CONTENT

80-0256

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
Data format is identical to that previously received from Dr. Joseph Reid of Scripps Institution of Oceanography, La Jolla CA.			(NODC's SDI FORMAT)	

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.

80-0256

120 characters/physical record, blocked 10

2. PLEASE GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

1 file/tape

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Sheri F. Lowe (714) 452-4668

ADDRESS Scripps Inst. of Oceanography A-005 La Jolla, CA 92093

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE: ☒ BCD ☐ BINARY ☐ ASCII ☐ EBCDIC ☐ _____

6. NUMBER OF TRACKS (CHANNELS): ☒ SEVEN ☐ NINE ☐ _____

7. PARITY: ☐ ODD ☒ EVEN

8. DENSITY: ☐ 200 CPI ☐ 1600 CPL ☒ 556 CPI ☐ 800 CPI ☐ _____

9. LENGTH OF IRG: ☒ 3/4 INCH ☐ _____

10. END OF FILE MARK: ☒ OCTAL 17 ☐ _____

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

STD data

12. PHYSICAL BLOCK LENGTH IN BYTES

1200 characters/physical records

13. LENGTH OF BYTES IN BITS

6 bits/1 byte

RECORD NAME 80-0256

14. FIELD NAME	15. MEASUREMENT UNITS AND LOCATION FROM (1)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Record format is identical to that previously received from Dr. Joseph Reid of Scripps Institution of Oceanography, La Jolla CA (NODC's SD1 format)					

80-0256

RCVD: 6 MAY 80 | BLM/OCS - So. ATLANTIC | ACCESSION NUMBER | 80-0257

FT015 [redacted] DDF A:4:02 3 TRACKS

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

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

SAME DATES FOR EACH TRACK

TAPE SP0198 - 3 FILES

DATA DOCUMENTATION FORM

(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.

FILE ID = BLANK

A. ORIGINATOR IDENTIFICATION

[redacted] TR5877

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

80-09

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

1979 Short Term BLM Deployment

4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR
NOVA Mooring 099	Buoy	USA	USA	3/27/79	11/4/79

8. ARE DATA PROPRIETARY?

[XX] NO [ ] YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR___ MONTH___

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?

(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

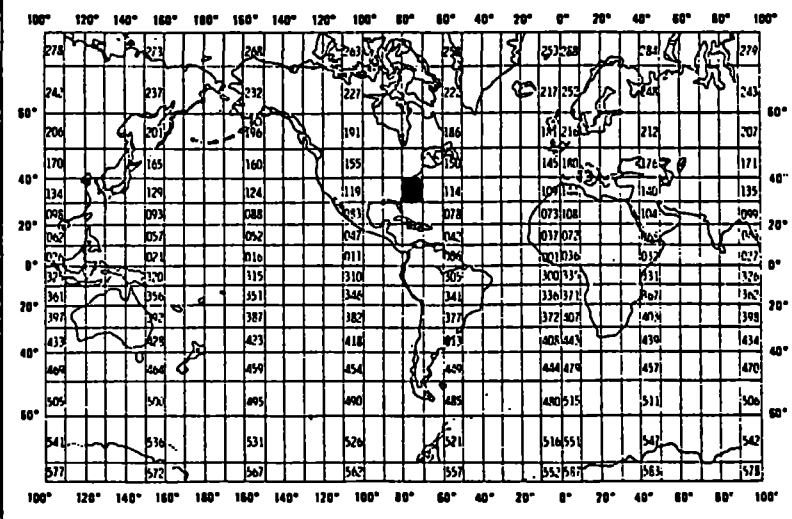
[ ] NO [ ] YES [ ] PART (SPECIFY BELOW)

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

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

GENERAL AREA



NOAA FORM 24-13

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

NOAA FORM 24-13

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'

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
☐ BCD ☐ BINARY
☐ ASCII ☒ EBCDIC
☐ _____

6. NUMBER OF TRACKS (CHANNELS)
☐ SEVEN
XX NINE
☐ _____

7. PARITY
☐ ODD
☐ EVEN

8. DENSITY
☐ 200 BPI XX 1600 BPI
☐ 556 BPI
☐ 800 BPI
☐ _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN) ☐ 3/4 INCH
☐ _____

10. END OF FILE MARK
☐ OCTAL 17
XX Standard IBM

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

SP 0198
1979 Short Term BLM Mooring
3 Files
LRECL = 60
BLK SIZE - 3600

12. PHYSICAL BLOCK LENGTH IN BYTES
3600

13. LENGTH OF BYTES IN BITS
8

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME HEADER #1

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 '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 NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
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

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME DATA

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

NOAA FORM 24-13

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 CALIBRATED
		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	26 Feb 1979		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									

NOAA FORM 24-13

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

ACCESSION/TRACK NO.: 8000257 TR5877

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	SP0198	N	60	3600	FB		59,912
DUPLICATE	289	SL	60	SD	F	*	59,912
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE							
EDITED DISK FILE							

* LABEL = NODC*F015T5877.

FILE ID = TRACK #

DATA SET ROUTE SHEET

ACCESSION/TRACK # 8000257

TR5877

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #	5/6/80	FJM	SP0198	3 *	3600	60	59,912
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"							

FILE #3 ONLY, FOR THIS TRACK.

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8000257

1) File Type: 015

2) Project Ident.: BLM/OCS-SOUTH ATLANTIC

3) Track Nos.: TR5877

I. Error Corrections as reported to Principal Investigator:

Error	Correction Completed (Check)
'?' in byte #1	✓

II. Additional error corrections:

Error	Correction Completed (Check)

III. Processor Name: _____

ERROR CORRECTION [illegible] FORM

DATE:

DDF A:4:02

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8000257

1) File Type: 015

2) Project Ident.: BLM/OCS-SOUTH ATLANTIC

3) Track Nos.: TR5877

I. Error Corrections as reported to Principal Investigator:

Error	Correction Completed (Check)
"?" in BYTE #1	✓

II. Additional error corrections:

Error	Correction Completed (Check)
1. Time fields (col 22-26) blank 2. Pressure fields (col 7.) with zero (0)	Zero (0) [illegible] 1. [illegible] fields. [illegible] zero (0)

III. Processor Name: [illegible signature]

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

CCESSION/TRACK NO.: 8000257 TR5877

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	SP0198	N	60	3600	FB		59,912
DUPLICATE	289	SL	60	SDF		*	59,912
REFORMATTED							
FIRST USER							
FINAL USER							

DISK FILE	DSN		REMARKS	# RECORDS
WORK DISK FILE		DISJGY*F015A.TR5877		5991
EDITED DISK FILE		UMNOE*MPD15.F015T5877		

* Label = NODC*F015T5877.

F.I.E. ID: TPNCIH

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8000257

1) File Type: 015

2) Project Ident.: BLM/OCS-SOUTH ATLANTIC

3) Track Nos.: TR5877

I. Error Corrections as reported to Principal Investigator:

Error	Correction Completed (Check)
'?' in byte #1	✓

II. Additional error corrections:

Error	Correction Completed (Check)
1. Time field (col. 22-26) blank	zero(Ø)s were inserted to fill the field
2. Pressure field (col. 49) with zero (Ø)	delete zero(s)

III. Processor Name: Josephine Nelson

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

ACCESSION/TRACK NO.: 8000257 TR5877

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	SP0198	N	60	3600	FB		59,912.
DUPLICATE	289	SL	60	SD	F	*	59,912
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORD
WORK DISK FILE		DISJOY*F015A.TR5877					59912
EDITED DISK FILE							

* LABEL = NODC*F015T5877.

FILE ID = TRACK #

DATA SET ROUTE SHEET

ACCESSION/TRACK # 8000257

TR5877

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECOR
ORIGINATOR TAPE #	5/6/80	FJM	SP0198	3 *	3600	60	59,912
QUADI/SCAN TAPE #							
ASSIGNED FOR PROCESS.							
DDF EVALUATION	10/29/81	JM					
QUALITY REVIEW	10/30/81	JM					
PRELIMINARY DATA SORT							
PRELIMINARY MULCHEK	11/2/81	JM		D15.JOY*F015A.TR5877			
FIRST USER TAPE #							
WORK DISK FILE	11/2/81	JM		D15 JOY*F015A.TR5877			
FINAL USER TAPE #							
FINAL MULCHEK	11/4/81	JM		D15JOY*F015A. TR5877			
EDITED DISK FILE							
DATA SET "FINALIZED"							

FILE #3 ONLY, FOR THIS TRACK.

CVD: 6 MAY 80 | BLM/DC ... | ACCESSION NUMBER | 80-0257

FT015

DATA DOCUMENTATION FORM

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

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

TAPE SPOOL ... TAPE

(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.

TAPE TO ...

A. ORIGINATOR IDENTIFICATION

TR587

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

1979 Short Term BLM Deployment

4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR
NOVA Mooring 099	Buoy	USA	USA	3/27/79	11/4/79

8. ARE DATA PROPRIETARY?

[XX] NO [ ] YES

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

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

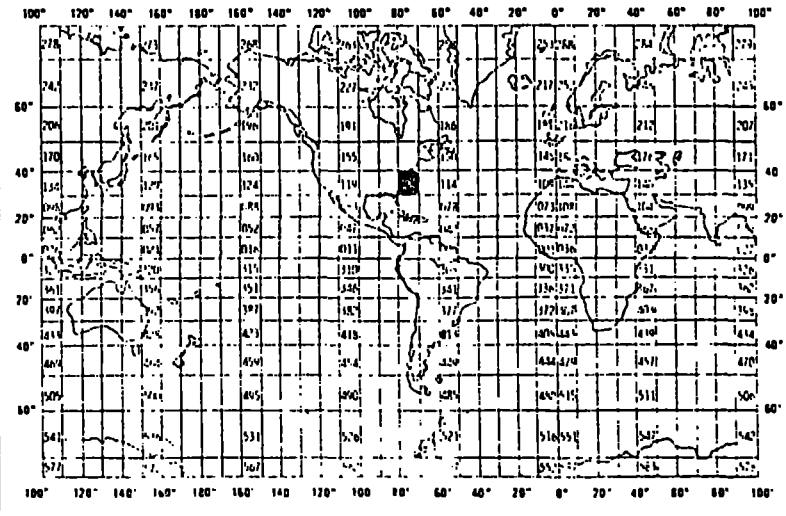
[ ] NO [ ] YES [ ] PART *(SPECIFY BELOW)*

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

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

GENERAL AREA



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'

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
☐ BCD ☐ BINARY
☐ ASCII ☒ EBCDIC
☐ _____

6. NUMBER OF TRACKS (CHANNELS)
☐ SEVEN
☒ NINE
☐ _____

7. PARITY
☐ ODD
☐ EVEN

8. DENSITY
☐ 200 BPI ☒ 1600 BPI
☐ 556 BPI
☐ 800 BPI
☐ _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN) ☐ 3/4 INCH
☐ _____

10. END OF FILE MARK
☐ OCTAL 17
☒ Standard IBM

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

SP 0198
1979 Short Term BLM Mooring
3 Files
LRECL = 60
BLK SIZE - 3600

12. PHYSICAL BLOCK LENGTH IN BYTES
3600

13. LENGTH OF BYTES IN BITS
8

NCAA (OHM-74-1)

RECORD FORMAT DESCRIPTION

RECORD NAME HEADER #1

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

NOAA FORM 24-13

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 CALIBRATED
		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	26 Feb 1979		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									

AA FORM 24-13

DDF A:4:02

SUBJECT: Error Correction or Processing of Data Set - Accession # 8000257

FILE ID = TRACK #

1) File Type: 015

2) Project Identif.: BLM/OCS - SOUTH ATLANTIC

3) Track Nos.: TR5878

I. Error corrections as reported to Principal Investigators:

Error	Correction Complete (Check)

II. Additional error corrections:

Error	Correction Made and Tested (Check)
1. [illegible]	
2. [illegible]	

III. Processor Name: [illegible]

(REV. 1/80)

CCESSION/TRACK NO.: 8000257 TR5878

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	012183	MITCH* TR5878.	60	SDF	FB		15,484
DUPLICATE	002014	SL	60				
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE	D15775*FC15110 TR5878						
EDITED DISK FILE							

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession #8000257

FILE ID = TRACK #

1) File Type: 015

2) Project Ident.: BLM/OCS - SOUTH ATLANTIC

3) Track Nos.: TR5879

I. Error Corrections as reported to Principal Investigator:

Error	Correction Completed: (Check)

II. Additional error corrections:

Error	Correction Completed (check)
[illegible]	

III. Processor Name: [illegible]

(Rev. 1/80)

ACCESSION/TRACK NO.: 8000257 TR5879

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	012184	MITCH* TR5879.	60	SDF	FB		15,476
DUPLICATE	012016	SL	60				
REFORMATTED							
FIRST USER							
FINAL USER							

DISK FILE	DSN	REMARKS	# RECORDS
WORK DISK FILE	DISTS*.IONAB.TX5879		
EDITED DISK FILE			

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession #8000257

FILE ID = TRACK #

1) File Type: 015

2) Project Ident.: BLM/OCS - SOUTH ATLANTIC

3) Track Nos.: TR5880

I. Error Corrections as reported to Principal investigator:

Error	Correction Completed (Check)

II. Additional error corrections:

Error	Correction Completed (check)

1. [illegible]

2. [illegible]

III. Processor Name: [illegible]

[illegible]

(Rev. 1/80)

ACCESSION/TRACK NO.: 8000258 TR5880

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	012193	MITCH* TR5880.	60	SDF	FB		59,774
DUPLICATE	003018	SL	60				
REFORMATTED							
FIRST USER							
FINAL USER							

DISK FILE	DSN	REMARKS	# RECORDS
WORK DISK FILE	D157133*.LC1108.TR5880		
EDITED DISK FILE			

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8000257

FILE ID = TRACK #

1) File Type: 015

2) Project Ident.: BLM/OCS-SOUTH ATLANTIC

3) Track Nos.: TR5878

I. Error Corrections as reported to Principal Investigator:

Error	Correction Completed (Check)

II. Additional error corrections:

Error	Correction Completed (Check)
1. Blanks (hour field) - entered zeros to fill field.	
2. Zero(0) values of pressure deleted.	

III. Processor Name: Mary R Lewis/Oct 2 1981

(REV. 1/80)

CESSION/TRACK NO.: 8000257 TR5878

PE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
RIGINATOR	012183	MITCH* TR5878.	60	SDF	FB		15,484
UPLICATE	002014	SL	60				
EFORMATTED							
FIRST USER							
FINAL USER							

SK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE	D15TT3*F015A6.TR5878						
EDITED DISK FILE							

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8000257

FILE ID = TRACK #

1) File Type: 015

2) Project Ident.: BLM/OCS - SOUTH ATLANTIC

3) Track Nos.: TR5879

I. Error Corrections as reported to Principal Investigator:

Error	Correction Completed (Check)

II. Additional error corrections:

Error	Correction Completed (Check)
1. Blanks (bad field data) - entered zeros to fill fields	
2. Zero (0) values of pressure deleted	

III. Processor Name: Mary K. Spurr 10/9/81

(Rev. 1/80)

ACCESSION/TRACK NO.: 8000257 TR5879

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	012184	MITCH* TR5879.	60	SDF	FB		15,476
DUPLICATE	002016	SL	60				
REFORMATTED							
FIRST USER							
FINAL USER							

DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE	D15773*.FOISAB.TR5879						
EDITED DISK FILE							

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8000257

FILE ID = TRACK #

1) File Type: 015

2) Project Ident.: BLM/OCS - SOUTH ATLANTIC

3) Track Nos.: TR5880

I. Error Corrections as reported to Principal Investigator:

Error	Correction Completed (Check)

II. Additional error corrections:

Error	Correction Completed (Check)
1. Blanks (hour field 2660) entered zeros to fill field.	
2. Zero values of pressure detected	

III. Processor Name: [signature]

10/9/81

(Rev. 1/80)

CCESSION/TRACK NO.: 8000258 TR5880

PE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
RIGINATOR	012193	MITCH* TR5880.	60	SDF	FB		59,774
DUPLICATE	003018	SL	60				
EFORMATTED							
FIRST USER							
FINAL USER							
ISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE	D15TT3*FC15AB.TR5880						
EDITED DISK FILE							

WELL NAME/HOLE 8000251

TR5878

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZL	LRECL	# RECORDS
ORIGINATOR TAPE #	3/31/81	FJM	012183	1	SDF	60	15,484
QUAD1/SCAN TAPE #	4-21-81	JAC	[illegible]	1		60	
ASSIGNED FOR PROCESS.							
DDF EVALUATION	10/7/81	[illegible]					
QUALITY REVIEW	10/7/81	[illegible]					
PRELIMINARY DATA SORT							
PRELIMINARY MULCHEK	10/8/81	[illegible]	*DJ5773*FO1SAB.TR5878(1548				
FIRST USER TAPE #							
WORK DISK FILE							
FINAL USER TAPE #							
FINAL MULCHEK	10/8/81	[illegible]	*DJ5773*FO1SAB.TR5878(1548				
EDIT DISK FILE			Same as above				
DATA SET "FINALIZED"							

8000251
TR5879

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #	3/31/81	FJM	012184	1	SDF	60	15,476
QUADI/SCAN TAPE #	4-21-81	JPS	002016	1		60	
ASSIGNED FOR PROCESS.							
DDF EVALUATION	10/7/81	MK					
QUALITY REVIEW	10/7/81	MK					
PRELIMINARY DATA SORT							
PRELIMINARY MULCHEK	10/8/81	MK	D15773*F015AB.TR5879				15476
FIRST USER TAPE #							
WORK DISK FILE							
FINAL USER TAPE #							
FINAL MULCHEK	10/8/81	MK	D15773*F015AB.TR5879				15476
EDITED DISK FILE							
DATA SET "FINALIZED"							

ACCESSION/TRACK # 8000257

TR5880

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #	3/31/81	FJM	012193	1	SDF	60	59,774
QUAD1/SCAN TAPE #	4-21-81	[illegible]	012018	1		60	
ASSIGNED FOR PROCESS.							
DDF - VALUATION	10/7/81	[illegible]					
QUALITY REVIEW	10/7/81	[illegible]					
PRELIMINARY DATA SORT							
PRELIMINARY MULCHEK	10/8/81	[illegible]	D15773*F015AB.TR5880				59,774
FIRST USER TAPE #							
WORK DISK FILE							
FINAL USER TAPE #							
FINAL MULCHEK	10/8/81	[illegible]	D15773*F015AB.TR5880				59,774
EDITED DISK FILE							
DATA SET "FINALIZED"							

ACCESSION NUMBER 80-0257

DATA DOCUMENTATION FORM

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

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

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A. ORIGINATOR IDENTIFICATION

TR5878 - TR5880

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

012183
012184
012193

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

Seventh BLM long term deployment

4. PLATFORM NAME(S)

NOVA Mooring 100

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
3/27/79	11/4/79

8. ARE DATA PROPRIETARY?

[XX] NO [ ] YES

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

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTER HOLDINGS FOR INTERNATIONAL EXCHANGE?)

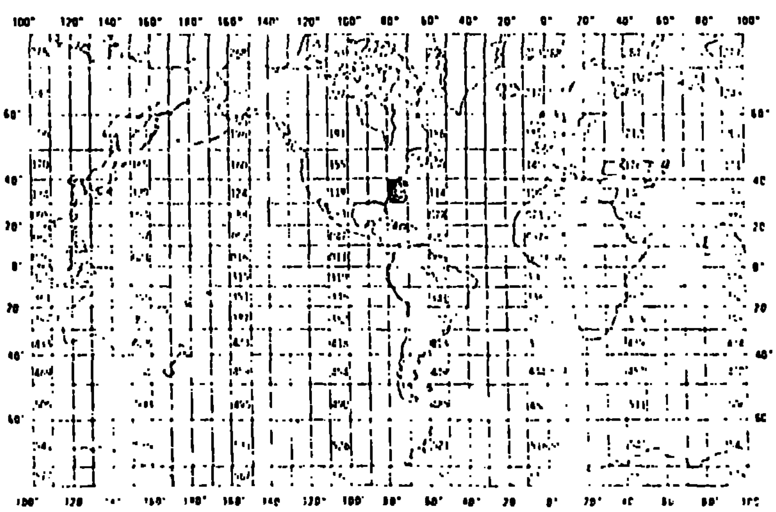
[ ] NO [ ] YES [ ] PART (SPECIFY BELOW)

10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)

.. Evans Wad..l
(919) 851-8356

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

GENERAL AREA



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'

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
☐ BCD ☐ BINARY
☐ ASCII ☒ EUCDIC
☐ _____

6. NUMBER OF TRACKS (CHANNELS)
☐ SEVEN
☒ NINE
☐ _____

7. PARITY
☐ ODD
☐ EVEN

8. DENSITY
☐ 200 BPI ☒ 1600 BPI
☐ 556 BPI
☐ 800 BPI
☐ _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN) ☐ 3/4 INCH
☐ _____

10. END OF FILE MARK
☐ OCTAL 17
☒ Standard IBM

11. PAST-ON-PAPER LABEL DESCRIPTION *(INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)*

SP 0187
Seventh Long Term BLM Mooring
3 Files
LRECL = 60
BLK SIZE - 3600

12. PHYSICAL BLOCK LENGTH IN BYTES
3600

13. LENGTH OF BYTES IN BITS
8

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME HEADER #1

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 '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

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME HEADER #2

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

NOAA FORM 24-13

RECORD FORMAT DESCRIPTION

RECORD NAME DATA

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
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	GMT
Hundredths of minute	26	2	bytes	I2	GMT
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

NOAA FORM 24-13

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 CALIBRATED
		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	26 Feb 1979		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									

NOAA FORM 2-13

```
Password:
 accNo   fleA refNo  proj inst ship    startDate  cruise   catId
 ------- ---- ------ ---- ---- ------- ---------- -------- ----------
 8000257 F015 TR5875 0094 312H 317F    1979/05/27 NULL         312476
 8000257 F015 TR5876 0094 312H 317F    1979/05/27 NULL         312477
 8000257 F015 TR5877 0094 312H 317F    1979/05/27 NULL         312478
 8000257 F015 TR5878 0094 312H 317F    1979/05/27 NULL         312479
 8000257 F015 TR5879 0094 312H 317F    1979/05/27 NULL         312480
 8000257 F015 TR5880 0094 312H 317F    1979/05/27 NULL         312481

(6 rows affected)
```

```
Password:
 accNo   fleA refNo  ship staCnt recCnt startDate  endDate
 ------- ---- ------ ---- ------ ------ ---------- ----------
 8000257 F015 TR5875 317F 7      15528  79/05/27   79/11/01
 8000257 F015 TR5876 317F 7      15531  79/05/27   79/11/01
 8000257 F015 TR5877 317F 6      59912  79/05/27   79/10/01
 8000257 F015 TR5878 317F 7      15484  79/05/27   79/11/01
 8000257 F015 TR5879 317F 7      15476  79/05/27   79/11/01
 8000257 F015 TR5880 317F 6      59774  79/05/27   79/10/01

(6 rows affected)
```