DDF A:4:20 | TAPE SP0176 | ACCESSION NUMBER | 8100718

DATA DOCUMENTATION FORM

RCVD 12/3/81 TR7682

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

FT0015

(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

81-18

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

1981 Blake Plateau 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
Moorings 129, 130, 131, 132, 133	Buoy	USA	USA	3/15/81	10/6/81

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

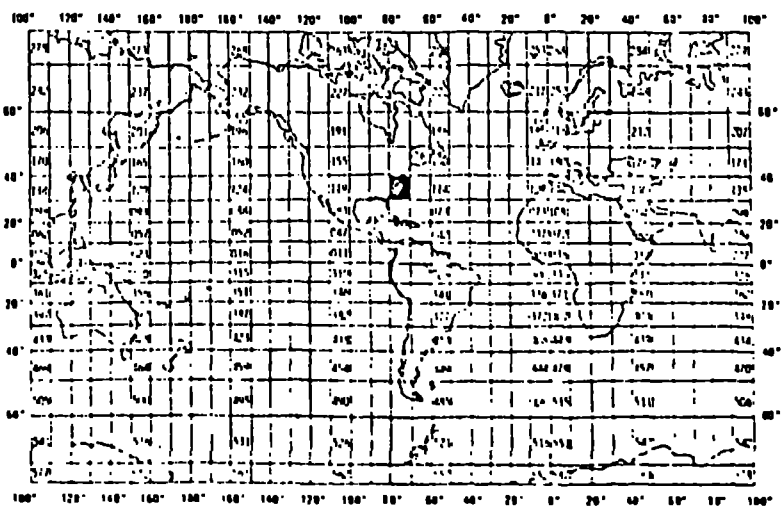
[ ] NO [ ] YES [ ] PART (SPECIFY BELOW)

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	General Oceanics Model 6011 - T Current Meter	NA	NA
Temperature	DEG C	General Oceanics Model 6011 - T Current Meter	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'

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
☒ FOR RAN ☐ _____ 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)*
SP0176
Blake Plateau Current Meter Study - 30°N
9 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 [illegible]

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 (√)	(√)
G.O Model 6011-T Current Meters			G.O.		X				

NOAA FORM 24-13

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

ACCESSION/TRACK NO.: 8100718 TR7682

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	SP0176	NL	60	3600	FB		19,560
DUPLICATE	11346	SL	60	SDF		*	19,560
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN ---					REMARKS	# RECORDS
WORK DISK FILE							
EDITED DISK FILE							

* LABEL = NODC *F015T7682.
FILE ID = TRACK NO.

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8100718

1) File Type: 015

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

3) Track Nos.: TR7682

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 # 8100718
TR7682

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #	12/3/81	FJM	SP0176	9*	3600	60	19,560
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, THIS FOLDER

SP0176 | ACCESSION NUMBER | 8100718

DDF A;4;2 RCVD 12/3/81 TR7683

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

FT015

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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

1981 Blake Plateau 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
Moorings 129, 130, 131, 132, 133	Buoy	USA	USA	3/15/81	10/6/81

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?)

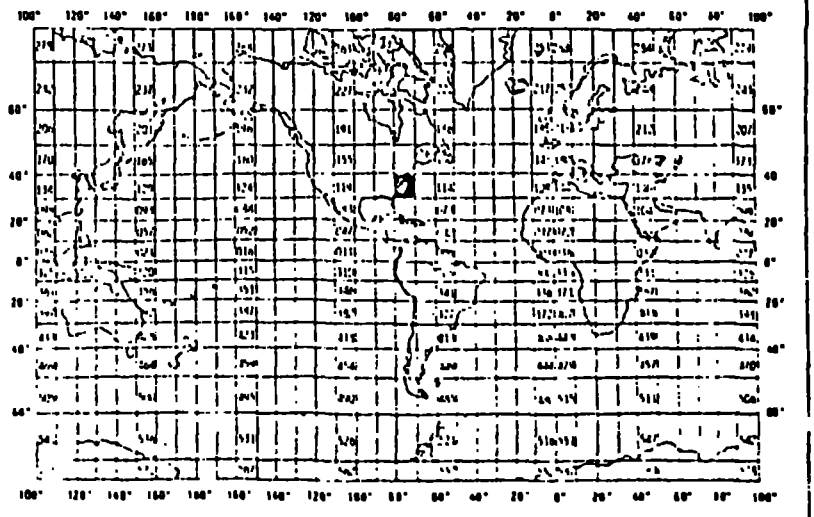
[ ] NO [ ] YES [ ] PART (SPECIFY BELOW)

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	General Oceanics Model 6011 - T Current Meter	NA	NA
Temperature	DEG C	General Oceanics Model 6011 - T Current Meter	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

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)*

SP0176
Blake Plateau Current Meter Study - 30°N
9 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 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

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	
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 (✓)	(✓)
G.O Model 6011-T Current Meters			G.O.		X				

NOAA FORM 24-13

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

ACCESSION/TRACK NO.: 8100718 TR7683

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	SP0176	NL	60	3600	FB		19,621
DUPLICATE	810	SL	60	SDF		*	19,621
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE							
EDITED DISK FILE	~						

* LABEL = NODC*F015T7683.
FILE ID = TRACK NO.

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8100718

1) File Type: 015

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

3) Track Nos.: TR7683

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 # 8100718
TR7683

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #	12/3/81	FJM	SP0176	9*	3600	60	19,621
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 5, THIS FOLDER

SP0176 | ACCESSION NUMBER | 8100718

DDF A: 4: 2 RCVD: 12/3/81 TR7684

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

FT015

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

DJF

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

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

1981 Blake Plateau 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
Moorings 129, 130, 131, 132, 133	Buoy	USA	USA	3/15/81	10/6/81

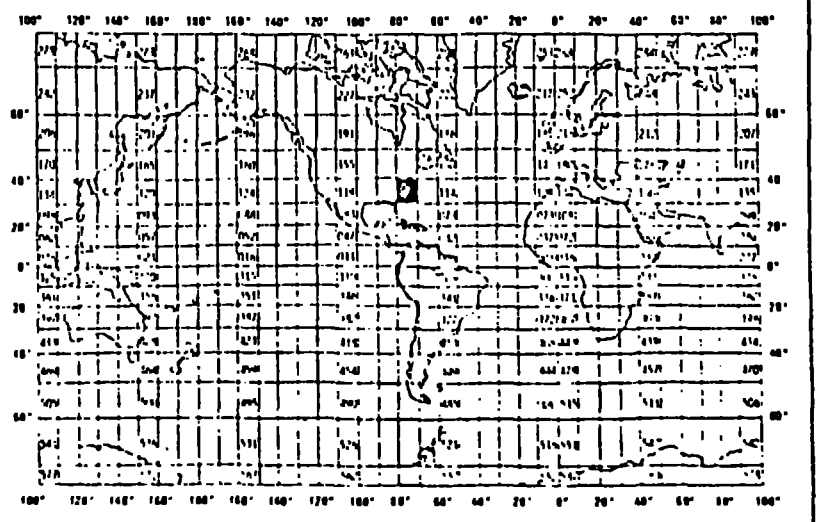
8. ARE DATA PROPRIETARY?

[XX] 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

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	General Oceanics Model 6011 - T Current Meter	NA	NA
Temperature	DEG C	General Oceanics Model 6011 - T Current Meter	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'

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 ☒ FOR RAN ☐ _____ 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)*

SP0176
Blake Plateau Current Meter Study - 30°N
9 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

RECORD FORMAT DESCRIPTION

RECORD NAME DATA

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH NUMBER	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

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 (√)	
G.O Model 6011-T Current Meters			G.O.		X				

NOAA FORM 24-13

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

ACCESSION/TRACK NO.: 8100718 TR7684

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	SP0176	NL	60	3600	FB		19,621
DUPLICATE	1077	SL	60	SDF		*	19,621
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE							
EDITED DISK FILE							

* LABEL = NODC * F015T 7684.

FILE ID = TRACK NO.

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8100718

1) File Type: 015

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

3) Track Nos.: TR7684

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 # 8100718
TR7684

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #	12/3/81	FJM	SP0176	9*	3600	60	19,621
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 6, THIS FOLDER

DDF A: 4:20 | SP0176 | ACCESSION NUMBER | 8100718

DATA DOCUMENTATION FORM

RCVD: 12/3/81 TR7685

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

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

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

1981 Blake Plateau 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
Moorings 129,130,131,132,133	Buoy	USA	USA	3/15/81	10/6/81

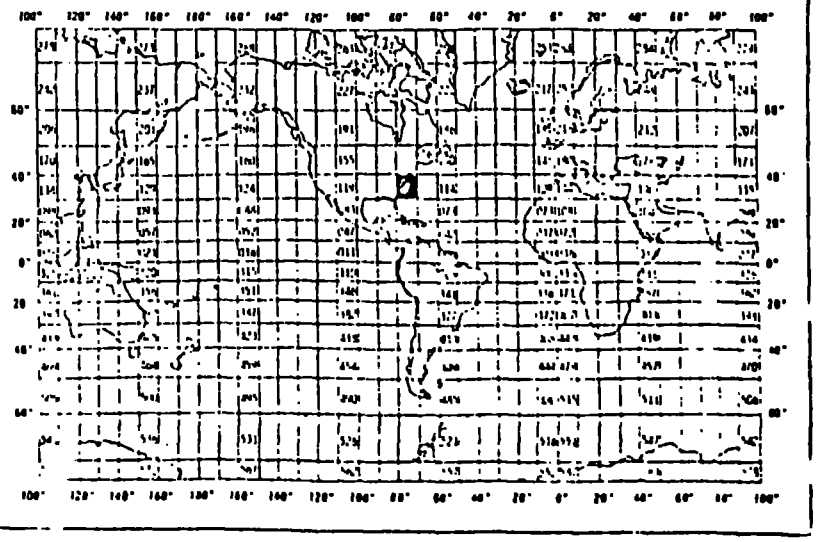
8. ARE DATA PROPRIETARY?

[XX] 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 (ONP)?
(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

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	General Oceanics Model 6011 - T Current Meter	NA	NA
Temperature	DEG C	General Oceanics Model 6011 - T Current Meter	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'

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)*

SP0176
Blake Plateau Current Meter Study - 30°N
9 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 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

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	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

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 (√)	(√)
G.O Model 6011-T Current Meters			G.O.		X				

NOAA FORM 24-13

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

ACCESSION/TRACK NO.: 8100718 TR7685

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	SP0176	NL	60	3600	FB		19,620
DUPLICATE	1135	SL	60	SDF		*	19,620
REFORMATTED							
FIRST USER							
FINAL USER							

DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE							
EDITED DISK FILE							

* LABEL = NODC*F015T7685.
FILE ID= TRACK NO.

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8100718

1) File Type: 015

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

3) Track Nos.: JR7685

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 # 8100718

TR7685

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #	12/3/81	FJM	SP0176	9*	3600	60	19,620
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 7, THIS FOLDER

DDF A:4:20 | SP0176 | ACCESSION NUMBER | 8100718

RCVD: 12/3/81

DATA DOCUMENTATION FORM

TR7686

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

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

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

1981 Blake Plateau 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
Moorings 129, 130, 131, 132, 133	Buoy	USA	USA	3/15/81	10/6/81

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 (ONP)?

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

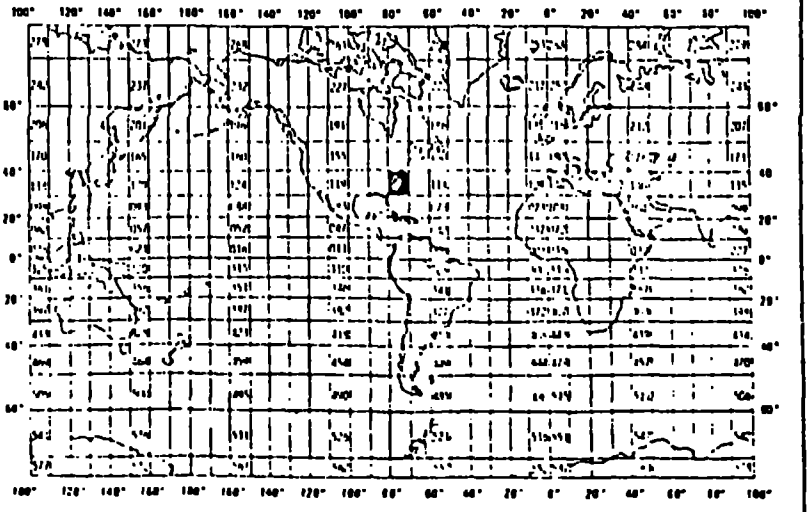
☐ NO ☐ YES ☐ PART (SPECIFY BELOW)

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	General Oceanics Model 6011 - T Current Meter	NA	NA
Temperature	DEG C	General Oceanics Model 6011 - T Current Meter	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'

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 ☒ FOR RAN ☐ _____ 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)*

SP0176
Blake Plateau Current Meter Study - 30°N
9 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 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

NOAA FORM [illegible]

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	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 24-1)

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 (√)	(√)
G.O Model 6011-T Current Meters			G.O.		X				

NOAA FORM 24-13

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

ACCESSION/TRACK NO.: 8100718 TR7686

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	SP0176	NL	60	3600	FB		19,603
DUPLICATE	1194	SL	60	SDF		*	19,603
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE							
EDITED DISK FILE							

* LABEL = NODC*FD15T7686.

FILE ID = TRACK #

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8100718

1) File Type: 015

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

3) Track Nos.: TR 7686

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 # 8100718

TR7686

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #	12/3/81	FJM	SP0176	9*	3600	60	19,603
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 8, THIS FOLDER

DDF #:4:20 | SP0176 | ACCESSION NUMBER | 8100718

RCVD: 12/3/81 TR7687

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

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

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

1981 Blake Plateau 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
Moorings 129, 130, 131, 132, 133	Buoy	USA	USA	3/15/81	10/6/81

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?)

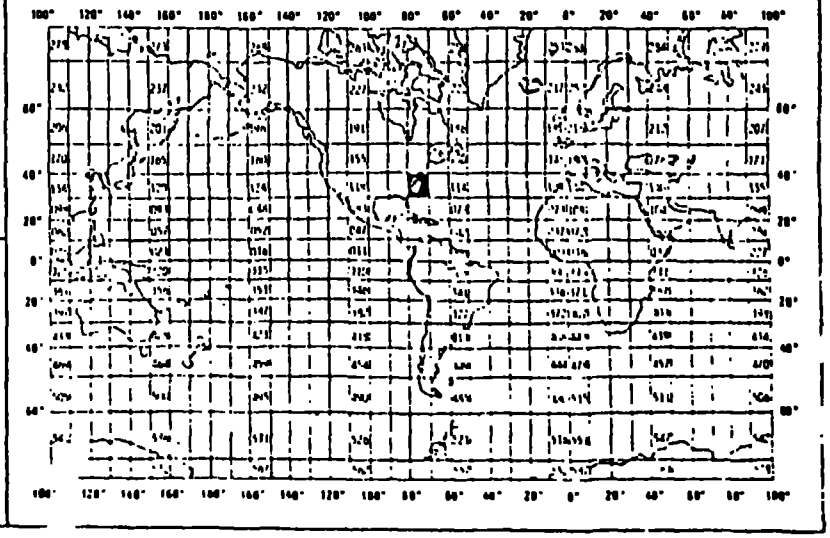
[ ] NO [ ] YES [ ] PART (SPECIFY BELOW)

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	General Oceanics Model 6011 - T Current Meter	NA	NA
Temperature	DEG C	General Oceanics Model 6011 - T Current Meter	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'

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)*

SP0176
Blake Plateau Current Meter Study - 30°N
9 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		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

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 (√)	(√)
G.O Model 6011-T Current Meters			G.O.		X				

NOAA FORM 24-13

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

ACCESSION/TRACK NO.: 8100718 TR7687

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	SP0176	NL	60	3600	FB		19,637
DUPLICATE	1293	SL	60	SDF		*	19,637
REFORMATTED							
FIRST USER							
FINAL USER							

DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE							
EDITED DISK FILE							

* LABEL = NODC*FD15T7687.
FILE ID = TRACK NO.

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8100718

1) File Type: 015

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

3) Track Nos.: TR7687

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 # 8100718

TR7687

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #	12/3/81	FJM	SP0176	9*	3600	60	19,637
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 9, THIS FOLDER.

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

SESSION/TRACK NO.: 8100718 TR7681

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	SP0176	NL	60	3600	FB		19,318
DUPLICATE	11525	SL	60	SDF		*	19,318
REFORMATTED				QVD			
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE							
EDITED DISK FILE			60			Hasii SDF	19318

DISCMH*CLITEST.F015T7681

* LABEL = NODC*F015T7681.

FILE ID = TRACK #

at Suitland

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8100718

1) File Type: Ø15

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

3) Track Nos.: TR 7681

I. Error Corrections as reported to Principal Investigator:

Error	Correction Completed (Check)
no corrections - Tape OK	✓

II. Additional error corrections:

Error	Correction Completed (Check)

III. Processor Name: Cliff Hedley

DATA SET ROUTE SHEET

ACCESSION/TRACK # 8100718

TR 7681

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #	12/3/81	FJM	SP0176	7 *	3600	60	19,318
QUADI/SCAN TAPE #							
ASSIGNED FOR PROCESS.							
DDF EVALUATION							
QUALITY REVIEW	10/[illegible]/82	CWH					
PRELIMINARY DATA SORT							
PRELIMINARY MULCHEK	10/[illegible]/82	CWH					
FIRST USER TAPE #							
WORK DISK FILE	10/[illegible]/82	CWH					
FINAL USER TAPE #							
FINAL MULCHEK	10/15/82	CWH					
EDITED DISK FILE	10/[illegible]/82	*					
DATA SET "FINALIZED"							

* This folder is File #1

SP01-76 | ACCESSION NUMBER | 81003718

12/3/81 **DATA DOCUMENTATION FORM** TA7681

NOAA FORM 24-13 (4-77)

FT015

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

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

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

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED

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

1981 Blake Plateau 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
Moorings 129, 130, 131, 132, 133	Buoy	USA	USA	3/15/81	10/6/81

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 (ONP)?

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

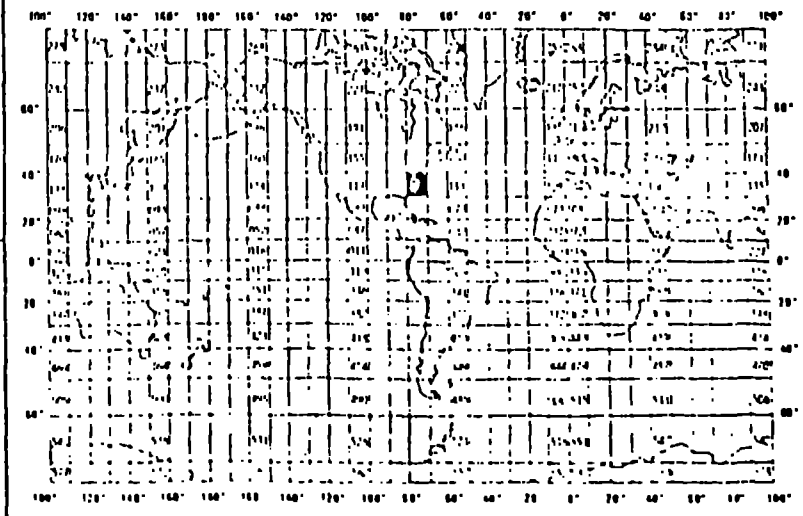
[ ] NO [ ] YES [ ] PART (SPECIFY BELOW)

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	General Oceanics Model 6011 - T Current Meter	NA	NA
Temperature	DEG C	General Oceanics Model 6011 - T Current Meter	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'

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)*

SP0176
Blake Plateau Current Meter Study - 30°N
9 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 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

11. FIELD NAME	12. POSITION FROM-1 MEASURED IN _____ (e.g., bits, bytes)	13. LENGTH NUMBER	13. LENGTH UNITS	14. ATTRIBUTES	15. 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 (...)

RECORD FORMAT DESCRIPTION

RECORD NAME DATA

14. FIELD NAME	15. POSITION FROM - TO MEASURED IN (e.g., bits, bytes)	16. LENGTH NUMBER	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 76-13

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 BDT (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 (✓)	(✓)
G.O Model 6011-T Current Meters			G.O.		X				

NOAA FORM 24-13

```
Password:
 accNo   fleA refNo  proj inst ship    startDate  cruise   catId
 ------- ---- ------ ---- ---- ------- ---------- -------- ----------
 8100718 F015 TR7681 0094 312H 317F    1981/03/17 81           315361
 8100718 F015 TR7682 0094 312H 317F    1981/03/16 81           315362
 8100718 F015 TR7683 0094 312H 317F    1981/03/16 81           315363
 8100718 F015 TR7684 0094 312H 317F    1981/03/16 81           315364
 8100718 F015 TR7685 0094 312H 317F    1981/03/16 81           315365
 8100718 F015 TR7686 0094 312H 317F    1981/03/15 81           315366
 8100718 F015 TR7687 0094 312H 317F    1981/03/15 81           315367

(7 rows affected)
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```
Password:
 accNo   fleA refNo  ship staCnt recCnt startDate  endDate
 ------- ---- ------ ---- ------ ------ ---------- ----------
 8100718 F015 TR7681 317F 8      19318  81/03/17   81/10/01
 8100718 F015 TR7682 317F 8      19560  81/03/16   81/10/01
 8100718 F015 TR7683 317F 8      19621  81/03/16   81/10/01
 8100718 F015 TR7684 317F 8      19621  81/03/16   81/10/01
 8100718 F015 TR7685 317F 8      19620  81/03/16   81/10/01
 8100718 F015 TR7686 317F 8      19603  81/03/15   81/10/01
 8100718 F015 TR7687 317F 8      19637  81/03/15   81/10/01

(7 rows affected)
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