

1.4.21

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8200003

- 1) File Type: Q15
- 2) Project Ident.: BLM/OCS-SO. ATLANTIC
- 3) Track Nos.: TR 7775

## I. Error Corrections as reported to Principal Investigator:

ErrorCorrection Completed (Check)

## II. Additional error corrections:

ErrorCorrection Completed (Check)

Record type one - col. 54 not blank - deleted  
missing number.

III. Processor Name: M. Lewis

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

COPIES/ION/TRACK NO.: 8200003 TR7775

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	SP0364	NL	60	3600	FB		17711
DUPLICATE	77	SL	60	224	SDF	*	17711
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE	<del>D155</del> D15773 * F015. TR7775						17,711
EDITED DISK FILE							

\* LABEL = NODC \* F015 T7775.  
FILE ID = TRACK NO.

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

ION/TRACK NO.: 82.00003 TR 7774

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	SP0346	NL	60	3600	FB	<del>FB</del>	17709
DUPLICATE	73	* SL	60	224	SDF	*	17709
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSH					REMARKS	# RECORDS
WORK DISK FILE	D15773*F015. TR 7774						17,709
EDITED DISK FILE							

\* LABEL = NODC \* F015 T 7774.

FILE ID = TRACK NO.

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8200003

- 1) File Type: 015
- 2) Project Ident.: BLM/OCS-SO. ATLANTIC
- 3) Track Nos.: TR7774

## I. Error Corrections as reported to Principal Investigator:

ErrorCorrection Completed (Check)

## II. Additional error corrections:

ErrorCorrection Completed (Check)

*Record Type 1 - Col. 54 not blank - deleted missing #.*

III. Processor Name:

M. Lewis

## TAPE OR DISK ASSIGNMENT SHEET

(MRL) 11/6/78

(Rev. 11/80)

44:21

STATION/TRACK NO.: 8200003/TR7776

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	SP0346	NL	60	3600	FB		17,788
DUPLICATE	343	SL	60	224	SDF	*	
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSH					REMARKS	# RECORDS
WORK DISK FILE	D15773*F015. TR7776						17,788
EDITED DISK FILE							

\* LABEL = NODC \* F015T7776.

FILE ID = TRACK NO.

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8200003

- 1) File Type: ①15
- 2) Project Ident.: BLM/OCS - SOUTH ATLANTIC
- 3) Track Nos.: TR 7-7-76

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

*Record type 1 - Col. 54 not blank - missing # deleted*

III. Processor Name:

*M. Lewis*

ACCESSION  
NUMBER

8200003

SPD 346

## DATA DOCUMENTATION FORM

TR 7774

NOAA FORM 24-11  
(4-77)U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
WASHINGTON, DC 20235FORM APPROVED  
O.M.B. No. 41-R2651  
EXPIRES 1-81

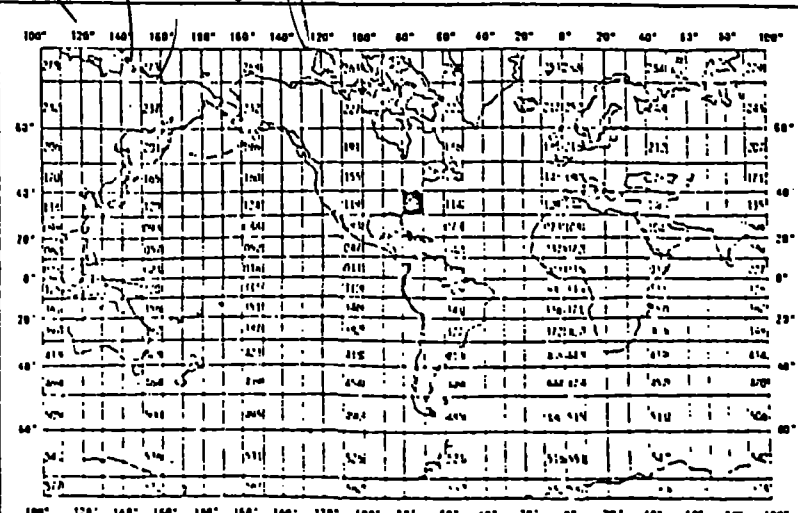
FTD15

(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 Cape Hatteras (36N) Deployment	
4. PLATFORM NAME(S)  Mooring  G001, G002	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)  Buoy	6. PLATFORM AND OPERATOR NATIONALITY(IES)  USA  USA	7. DATES  FROM: MO, DAY, YR TO: MO, DAY, YR  5/11/81 11/12/81
8. ARE DATA PROPRIETARY?  <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES  IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNPI)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)  <input type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)			
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)  Dr. Evans Waddell (919) 851-8356			

# B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Current Velocity	cm/sec	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 <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____	9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input checked="" type="checkbox"/> Standard IBM
7. PARITY <input type="checkbox"/> ODD <input type="checkbox"/> EVEN	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER) SP0346 Cape Hatteras (36N) Current Meter Study 9 files <i>4 files</i> LRECL = 60 BLK SIZE = 3600
8. DENSITY <input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 900 BPI <input type="checkbox"/> _____	12. PHYSICAL BLOCK LENGTH IN BYTES 3600
	13. LENGTH OF BYTES IN BITS 8

## 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	analogous to NODC station number
Latitude					
Degrees	16	2	bytes	I2	{ Location of current meter
Minutes	18	2	bytes	I2	
Hundredths	20	2	bytes	I2	
Hemisphere	22	1	char	A1	always 'N' or 'S'
Longitude					
Degrees	23	3	bytes	I3	{ Location of current meter
Minutes	26	2	bytes	I2	
Hundredths	28	2	bytes	I2	
Hemisphere	30	1	char	A1	always 'E' or 'W'
Depth to bottom	31	5	bytes	I5	whole meters
Depth of current meter	36	5	bytes	I5	whole meters
Blank	41	14	bytes	14	blank
Number of data records	55	6	bytes	I6	number of data records to follow

# RECORD FORMAT DESCRIPTION

RECORD NAME DATA

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

## D. INSTRUMENT CALIBRATION

This calibration information will be utilized by NOAA's National Oceanographic Instrumentation Center in their efforts to develop calibration standards for voluntary acceptance by the oceanographic community. Identify the instruments used by your organization to obtain the scientific content of the DDF (i.e., STD, temperature and pressure sensors, salinometers, oxygen meters, velocimeters, etc.) and furnish the calibration data requested by completing and/or checking ("✓") the appropriate spaces. Add the interval time (i.e., 3 months, 6 months, 9 months, etc.) if the fixed interval calibration cycle is checked.

INSTRUMENT TYPE (IMFR., MODEL NO.)	DATE OF LAST CALIBRATION	INSTRUMENT WAS CALIBRATED BY		CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRUMENT IS NOT CALI- BRATED  (✓)
		YOUR ORGANIZATION (✓)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (✓)	BEFORE OR AFTER USE (✓)	BEFORE AND AFTER USE (✓)	ONLY AFTER REPAIR (✓)	ONLY WHEN NEW (✓)	
G.O Model 6011-T Current Meters			G.O.		X				

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

ACQUISITION/TRACK NO.: 82.00003 TR 7774

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	SP0346	NL	60	3600	FB	<del>      </del>	17709
DUPLICATE	73	<del>#</del> SL	60	224	SDF	*	17709
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE							
EDITED DISK FILE							

\* LABEL = NODC \* F015 T 7774.

FILE ID = TRACK NO.

Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8200003

- 1) File Type: 015
- 2) Project Ident.: BLM/OCS-SO. ATLANTIC
- 3) Track Nos.: TR7774

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 # 82 00 0037R7774

<u>Step</u>	<u>Completion Date/Init.</u>		<u>Tape # or DSN</u>	<u># of Files</u>	<u>BLKSIZE</u>	<u>LRECL</u>	<u># RECORDS</u>
ORIGINATOR TAPE #	1/5/82	FJM	SPD346	4 *	3600	60	17709
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 1, This Folder.



DE A:4:21

SP0346

ACCESSION  
NUMBER

8200003

## DATA DOCUMENTATION FORM

TR 7775

NOAA FORM 24-11  
(4-77)U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
WASHINGTON, DC 20235FORM APPROVED  
O.M.B. No. 41-R2631  
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 Cape Hatteras (36N) Deployment	
4. PLATFORM NAME(S)  Mooring  G001, G002	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)  Buoy	6. PLATFORM AND OPERATOR NATIONALITY(IES)  USA	7. DATES  FROM: MO, DAY, YR TO: MO, DAY, YR  5/11/81 11/12/81
8. ARE DATA PROPRIETARY?  <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES  IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (ONP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)  <input type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)			
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN ITEM-1)  Dr. Evans Waddell (919) 851-8356			

# B. SPECIFIC 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

<b>5. RECORDING MODE</b> <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____	<b>9. LENGTH OF INTER-RECORD GAP (IF KNOWN)</b> <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
<b>6. NUMBER OF TRACKS (CHANNELS)</b> <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	<b>10. END OF FILE MARK</b> <input type="checkbox"/> OCTAL 17 <input checked="" type="checkbox"/> Standard IBM
<b>7. PARITY</b> <input type="checkbox"/> ODD <input type="checkbox"/> EVEN	<b>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</b> SP0346 Cape Hatteras (36N) Current Meter Study 9 files <i>4 Files</i> LRECL = 60 BLK SIZE = 3600
<b>8. DENSITY</b> <input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 900 BPI <input type="checkbox"/> _____	<b>12. PHYSICAL BLOCK LENGTH IN BYTES</b> 3600
	<b>13. LENGTH OF BYTES IN BITS</b> 8

# 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

# RECORD FORMAT DESCRIPTION

RECORD NAME DATA

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

### D. INSTRUMENT CALIBRATION

This calibration information will be utilized by NOAA's National Oceanographic Instrumentation Center in their efforts to develop calibration standards for voluntary acceptance by the oceanographic community. Identify the instruments used by your organization to obtain the scientific content of the DDF (i.e., STD, temperature and pressure sensors, salinometers, oxygen meters, velocimeters, etc.) and furnish the calibration data requested by completing and/or checking ("✓") the appropriate spaces. Add the interval time (i.e., 3 months, 6 months, 9 months, etc.) if the fixed interval calibration cycle is checked.

INSTRUMENT TYPE (MFR., MODEL NO.)	DATE OF LAST CALIBRATION	INSTRUMENT WAS CALIBRATED BY		CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRUMENT IS NOT CALI- BRATED  (✓)
		YOUR ORGANIZATION (✓)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (✓)	BEFORE OR AFTER USE (✓)	BEFORE AND AFTER USE (✓)	ONLY AFTER REPAIR (✓)	ONLY WHEN NEW (✓)	
G.O Model 6011-T Current Meters			G.O.		X				

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

COPIES/TRACK NO.: 8200003 TR7775

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	SP0364	NL	60	3600	FB		17711
DUPLICATE	77	SL	60	224	SDF	*	17711
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE							
EDITED DISK FILE							

\* LABEL = NODC\*F015T7775.  
FILE ID = TRACK NO.



## DATA SET ROUTE SHEET

ACCESSION/TRACK # 8200003

TR7775

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #	1/5/82	FJM	SP0346	4 *	3600	60	17,711
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 2, THIS FOLDER

# Error Correction Documentation Form

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8200003

- 1) File Type: Q15
- 2) Project Ident.: BLM/OCS-SO. ATLANTIC
- 3) Track Nos.: TR 7775

## I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

## II. Additional error corrections:

Error

Correction Completed (Check)

III. Processor Name: \_\_\_\_\_

DDF A:4:21  
DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8200003

- 1) File Type: 015
- 2) Project Ident.: BLM/OCS - SOUTH ATLANTIC
- 3) Track Nos.: TR 7776

## I. Error Corrections as reported to Principal Investigator:

ErrorCorrection Completed (Check)

## II. Additional error corrections:

ErrorCorrection Completed (Check)

III. Processor Name: \_\_\_\_\_

SPD 346

ACCESSION  
NUMBER

8200003

## DATA DOCUMENTATION FORM

TR 7776

NOAA FORM 24-11  
(4-77)U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
WASHINGTON, DC 20235FORM APPROVED  
O.M.B. No. 41-R2651  
EXPIRES 1-81

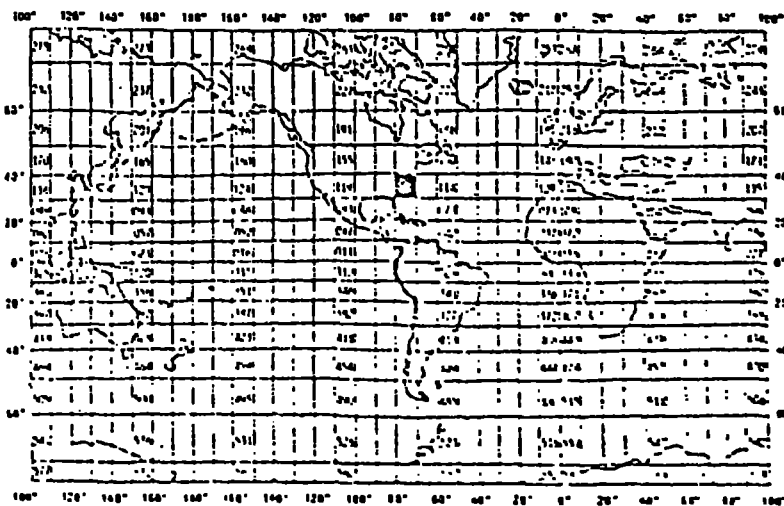
FTD15

(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 Cape Hatteras (36N) Deployment									
4. PLATFORM NAME(S)  Moorings  G001, G002	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)  Buoy	6. PLATFORM AND OPERATOR NATIONALITY(IES) <table border="1"><thead><tr><th>PLATFORM</th><th>OPERATOR</th></tr></thead><tbody><tr><td>USA</td><td>USA</td></tr></tbody></table>	PLATFORM	OPERATOR	USA	USA	7. DATES <table border="1"><thead><tr><th>FROM: MO, DAY, YR</th><th>TO: MO, DAY, YR</th></tr></thead><tbody><tr><td>5/11/81</td><td>11/12/81</td></tr></tbody></table>	FROM: MO, DAY, YR	TO: MO, DAY, YR	5/11/81	11/12/81
PLATFORM	OPERATOR										
USA	USA										
FROM: MO, DAY, YR	TO: MO, DAY, YR										
5/11/81	11/12/81										
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES  IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  GENERAL AREA 									
9. ARE DATA DECLARED NATIONAL PROGRAM (ONP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)											
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)  Dr. Evans Waddell (919) 851-8356											

## B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Current Velocity	cm/sec	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

<b>5. RECORDING MODE</b> <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____	<b>9. LENGTH OF INTER-RECORD GAP (IF KNOWN)</b> <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
<b>6. NUMBER OF TRACKS (CHANNELS)</b> <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	<b>10. END OF FILE MARK</b> <input type="checkbox"/> OCTAL 17 <input checked="" type="checkbox"/> Standard IBM
<b>7. PARITY</b> <input type="checkbox"/> ODD <input type="checkbox"/> EVEN	<b>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</b> SP0346 Cape Hatteras (36N) Current Meter Study 9 Files <i>4 Files</i> LRECL = 60 BLK SIZE = 3600
<b>8. DENSITY</b> <input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 300 BPI <input type="checkbox"/> _____	<b>12. PHYSICAL BLOCK LENGTH IN BYTES</b> 3600 <b>13. LENGTH OF BYTES IN BITS</b> 8

# RECORD FORMAT DESCRIPTION

RECORD NAME HEADER #1

13. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., 37s, 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



# RECORD FORMAT DESCRIPTION

RECORD NAME DATA

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	char	A3	signifies current meter data always '015'
Blank	4	6	bytes	6X	Blank
Record Type	10	1	bytes	1	always '3' signifies data record
Meter Number	11	5	char	A5	analagous to NODC station number
Year	16	2	bytes	I2	last two digits of year
Month	18	2	bytes	I2	1-12
Day	20	2	bytes	I2	1-31
Hour	22	2	bytes	I2	{ GMT
Minutes	24	2	bytes	I2	
Hundredths of minute	26	2	bytes	I2	
East-West(u) cur- rent component	28	6	bytes	I6	cm/sec, to hundredths, positive for East
North-South (v) current com- ponent	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 DIF (i.e., STD, temperature and pressure sensors, salinometers, oxygen meters, velocimeters, etc.) and furnish the calibration data requested by completing and/or checking ("✓") the appropriate spaces. Add the interval time (i.e., 3 months, 6 months, 9 months, etc.) if the fixed interval calibration cycle is checked.

INSTRUMENT TYPE (MFR., MODEL NO.)	DATE OF LAST CALIBRATION	INSTRUMENT WAS CALIBRATED BY		CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRUMENT IS NOT CALI- BRATED
		YOUR ORGANIZATION (✓)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (✓)	BEFORE OR AFTER USE (✓)	BEFORE AND AFTER USE (✓)	ONLY AFTER REPAIR (✓)	ONLY WHEN NEW (✓)	
G.O Model 6011-T Current Meters			G.O.		X				

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

COPIES/SESSION/TRACK NO.: 8200003/TR7776

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	SP0346	NL	60	3600	FB		17,788
DUPLICATE	343	SL	60	224	SDF	*	
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE							
EDITED DISK FILE							

\* LABEL = NODC \* F015T7776.  
FILE ID = TRACK NO.

ACCESSION/TRACK # 8200003TR 7776

<u>Step</u>	<u>Completion Date/Init.</u>		<u>Tape # or DSN</u>	<u># of Files</u>	<u>BLKSIZE</u>	<u>LRECL</u>	<u># RECORDS</u>
ORIGINATOR TAPE #	1/5/82	FJM	SP0346	4 *	3600	60	17,788
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

DDF A:4:21

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8200003

- 1) File Type: 015
- 2) Project Ident.: BLM/OCS-SOUTH ATLANTIC
- 3) Track Nos.: TR 7777

## I. Error Corrections as reported to Principal Investigator:

ErrorCorrection Completed (Check)

8201

## II. Additional error corrections:

ErrorCorrection Completed (Check)

III. Processor Name: \_\_\_\_\_

SP0346

ACCESSION  
NUMBER

8200003

## DATA DOCUMENTATION FORM

TR 7777

NOAA FORM 24-11  
(4-77)U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
WASHINGTON, DC 20235FORM APPROVED  
O.M.B. No. 41-R2651  
EXPIRES 1-81

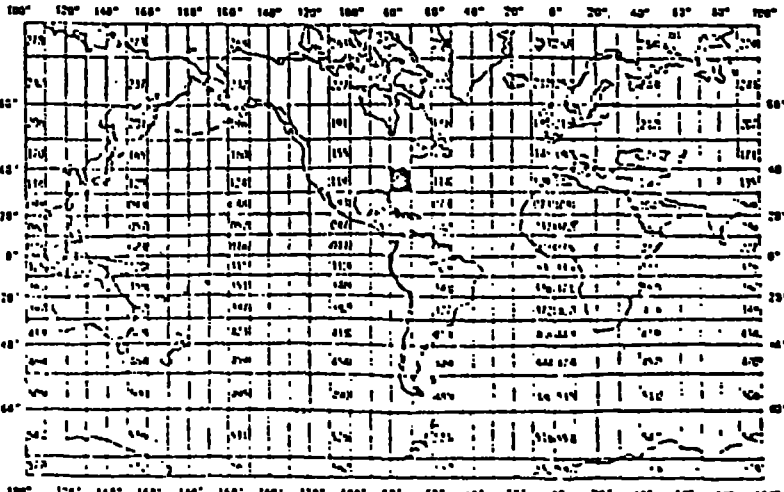
FT015

(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 Cape Hatteras (36N) Deployment									
4. PLATFORM NAME(S)  Moorings  G001, G002	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)  Buoy	6. PLATFORM AND OPERATOR NATIONALITY(IES) <table border="1"><thead><tr><th>PLATFORM</th><th>OPERATOR</th><th>FROM: MO, DAY, YR</th><th>TO: MO, DAY, YR</th></tr></thead><tbody><tr><td>USA</td><td>USA</td><td>5/11/81</td><td>11/12/81</td></tr></tbody></table>		PLATFORM	OPERATOR	FROM: MO, DAY, YR	TO: MO, DAY, YR	USA	USA	5/11/81	11/12/81
PLATFORM	OPERATOR	FROM: MO, DAY, YR	TO: MO, DAY, YR								
USA	USA	5/11/81	11/12/81								
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES  IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR ____ MONTH ____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  GENERAL AREA 									
9. ARE DATA DECLARED NATIONAL PROGRAM (ONP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)											
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)  Dr. Evans Waddell (919) 851-8356											

# RECORD FORMAT DESCRIPTION

RECORD NAME DATA

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	char	A3	signifies current meter data always '015'
Blank	4	6	bytes	6X	Blank
Record Type	10	1	bytes	1	always '3' signifies data record
Meter Number	11	5	char	A5	analagous to NOBC 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 NCAA's National Oceanographic Instrumentation Center in their efforts to develop calibration standards for voluntary acceptance by the oceanographic community. Identify the instruments used by your organization to obtain the scientific content of the DDF (i.e., STD, temperature and pressure sensors, salinometers, oxygen meters, velocimeters, etc.) and furnish the calibration data requested by completing and/or checking ("✓") the appropriate spaces. Add the interval time (i.e., 3 months, 6 months, 9 months, etc.) if the fixed interval calibration cycle is checked.

INSTRUMENT TYPE (MFR., MODEL NO.)	DATE OF LAST CALIBRATION	INSTRUMENT WAS CALIBRATED BY		CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRUMENT IS NOT CALI- BRATED  (✓)
		YOUR ORGANIZATION (✓)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (✓)	BEFORE OR AFTER USE (✓)	BEFORE AND AFTER USE (✓)	ONLY AFTER REPAIR (✓)	ONLY WHEN NEW (✓)	
G.O Model 6011-T Current Meters			G.O.		X				



# 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

<b>5. RECORDING MODE</b> <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____	<b>9. LENGTH OF INTER-RECORD GAP (IF KNOWN)</b> <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
<b>6. NUMBER OF TRACKS (CHANNELS)</b> <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	<b>10. END OF FILE MARK</b> <input type="checkbox"/> OCTAL 17 <input checked="" type="checkbox"/> Standard IBM
<b>7. PARITY</b> <input type="checkbox"/> ODD <input type="checkbox"/> EVEN	<b>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</b> SP0346 Cape Hatteras (36N) Current Meter Study 9 files <i>4 Files</i> LRECL = 60 BLK SIZE = 3600
<b>8. DENSITY</b> <input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 300 BPI <input type="checkbox"/> _____	<b>12. PHYSICAL BLOCK LENGTH IN BYTES</b> 3600
	<b>13. LENGTH OF BYTES IN BITS</b> 8

# 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

11. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	12. 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

## TAPE OR DISK ASSIGNMENT SHEET

(MRL) 11/6/78

(Rev. 11/80)

ACCESSION/TRACK NO.: 8200003 TR 7777

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	SP0346	NL	60	3600	FB		17,789
DUPLICATE	367	SL	60	224	SDF	*	17789
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE							
EDITED DISK FILE							

\* LABEL = NODC\*F015T777  
 TRACK = FILE ID

ACCESSION/TRACK # 8200003TR7777

Step	Completion Date/Init.		Tape # or DSM	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #	1/5/82	FJM	SP0346	4*	3600	60	17,789
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 4, This folder

DATE:

A: 4: 21

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8200003

- 1) File Type: 015
- 2) Project Ident.: BLM/OCS - SOUTH ATLANTIC
- 3) Track Nos.: TR 7777

I. Error Corrections as reported to Principal Investigator:

<u>Error</u>	<u>Correction Completed (Check)</u>
LAT. ZERO Filled	✓ (F.J.M.)

II. Additional error corrections:

<u>Error</u>	<u>Correction Completed (Check)</u>
1. Record type one (1) - Col. 54 not blank; deleted Missing number.	

III. Processor Name: M. Lewis

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

SESSION/TRACK NO.: 82 00003 TR 7777

E OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	SP0346	NL	60	3600	FB		17,789
DUPLICATE	112	SL	60	224	SDF	*	17,789
FORMATTED							
FIRST USER							
FINAL USER							
SK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE	DISK 7773 * F015.TR 7777						17,789
DITED DISK FILE							

\*① LABEL = NODC \* F015 T 7777.

② FILE ID = TRACK NO.

③ TEMP DISC FILE = MITCH \* T 7777.



DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 820000.3

- 1) File Type: 015  
2) Project Ident.: BLM/OCS - SOUTH ATLANTIC  
3) Track Nos.: TR 7777

I. Error Corrections as reported to Principal Investigator:

<u>Error</u>	<u>Correction Completed (Check)</u>
LAT. ZERO Filled	✓ (F.J.M.)

*DUP*

II. Additional error corrections:

<u>Error</u>	<u>Correction Completed (Check)</u>
1. Record type. One (1) - Ctl. 54 not blank yet listed Missing number.	

III. Processor Name: McLain

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

SESSION/TRACK NO.: 82 00003 TR 7777

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	SP0346	NL	60	3600	FB		17,789
DUPLICATE	112	SL	60	224	SDF	*	17,789
REFORMATTED							
FIRST USER							
FINAL USER							
WORK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE	DIS 773 * FC 15 TR 7777						17,789
EDITED DISK FILE							

\* ① LABEL = NODC \* FC 15 T 7777.

② FILE ID = TRACK NO.

③ TEMP DISC FILE = MITCH \* T 7777.

## DATA SET ROUTE SHEET

ACCESSION/TRACK # 8200003

TR 7777

Step	Completion Date/Init.	Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE	1/5/82 FJM	SP0346	4	3600	60	17,789
QUADI/SCAN TAPE						
ASSIGNED FOR PROCESS.						
DDF EVALUATION	10/21/82 <del>DDF</del>					
QUALITY REVIEW	10/28/82 <del>DDF</del>					
PRELIMINARY DATA SORT						
PRELIMINARY MULCHEK	10/28/82 <del>DDF</del>	D15773*	FO15.	TR 7777		17,789
FIRST USER TAPE						
WORK DISK FILE	10/28/82 <del>DDF</del>	D15773*	FO15.	TR 7777		17,789
FINAL USER TAPE						
FINAL MULCHEK	10/28/82 <del>DDF</del>	D15773*	FO15.	TR 7777		17,789
EDITED DISK FILE						
DATA SET "FINALIZED"						

SP0346

ACCESSION  
NUMBER

8200003

## DATA DOCUMENTATION FORM

TR 7777

NOAA FORM 24-13  
(4-77)U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
WASHINGTON, DC 20235FORM APPROVED  
O.M. B. No. 41-R263  
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 ASSOCIATE			
Science Applications, Inc. 4900 Water's Edge Dr., Suite 255 Raleigh, NC 27606			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
South Atlantic OCS Physical Oceanography		1981 Cape Hatteras (36N) Deployment	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
Moorings	Buoy	PLATFORM OPERATOR	FROM: MO, DAY, YR TO: MO, DAY, YR
C001, C002		USA USA	5/11/81 11/12/81
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.	
9. ARE DATA DECLARED NATIONAL PROGRAM (ONP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNA- TIONAL EXCHANGE?) <input type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		GENERAL AREA	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE- PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)  Dr. Evans Waddell (919) 851-8356			

# B. SC. SPECIFIC 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 ☐ COSOL  
☒ FORTRAN ☐ \_\_\_\_\_ LANGUAGE

## 4. RESPONSIBLE COMPUTER SPECIALIST:

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

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input type="checkbox"/> OCTAL 17</p> <p><input checked="" type="checkbox"/> Standard IBM</p>
<p>7. PARITY</p> <p><input type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>SP0346</p> <p>Cape Hatteras (36N) Current Meter Study</p> <p>9 files <i>4 files</i></p> <p>1. RECL = 60</p> <p>BLK SIZE = 3600</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 900 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>3600</p>
	<p>13. LENGTH OF BYTES IN BITS</p> <p>8</p>

# RECORD FORMAT DESCRIPTION

RECORD NAME HEADER #1

13. 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 typ
Meter Number	11	5	char.	A5	analogous to NODC station numbe
Blank	16	1	byte	IX	blank
Text	17	43	char.	43	additional pertinent informatio

# RECORD FORMAT DESCRIPTION

RECORD NAME HEADER #2

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



# RECORD FORMAT DESCRIPTION

RECORD NAME DATA

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

# D. INSTRUMENT CALIBRATION

This calibration information will be utilized by NOAA's National Oceanographic Instrumentation Center in their efforts to develop calibration standards for voluntary acceptance by the oceanographic community. Identify the instruments used by your organization to obtain the scientific content of the DDF (i.e., STD, temperature and pressure sensors, salinometers, oxygen meters, velocimeters, etc.) and furnish the calibration data requested by completing and/or checking ("✓") the appropriate spaces. Add the interval time (i.e., 3 months, 6 months, 9 months, etc.) if the fixed interval calibration cycle is checked.

INSTRUMENT TYPE (IMFR., MODEL NO.)	DATE OF LAST CALIBRATION	INSTRUMENT WAS CALIBRATED BY		CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRUMENT IS NOT CALI- BRATED
		YOUR ORGANIZATION (✓)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (✓)	BEFORE OR AFTER USE (✓)	BEFORE AND AFTER USE (✓)	ONLY AFTER REPAIR (✓)	ONLY WHEN NEW (✓)	
G.O Model 6011-T Current Meters			G.O.		X				

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
-----	-----	-----	-----	-----	-----	-----	-----	-----
8200003	F015	TR7774	0094	312H	317F	1981/05/11	81	316689
8200003	F015	TR7775	0094	312H	317F	1981/05/11	81	316690
8200003	F015	TR7776	0094	312H	317F	1981/05/11	81	316691
8200003	F015	TR7777	0094	312H	317F	1981/05/11	81	316692

(4 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
-----	-----	-----	-----	-----	-----	-----	-----
8200003	F015	TR7774	317F	1	17709	81/05/11	81/11/01
8200003	F015	TR7775	317F	1	17711	81/05/11	81/11/01
8200003	F015	TR7776	317F	1	17788	81/05/11	81/11/01
8200003	F015	TR7777	317F	1	17789	81/05/11	81/11/01

(4 rows affected)