

Filetype S-6

ACCESSION NUMBER 78-0572

DDF-B:2:16

DATA DOCUMENTATION FORM

TR3275-TR3280 F005

NCAA FORM 24-13 (4-72)

U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEANOGRAPHIC DATA CENTER RECORDS SECTION ROCKVILLE, MARYLAND 20852

FORM APPROVED O.M.B. No. 41-R255

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.

ORIGINATOR TAPE; OMCS Lib. #(s):

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
Oceanographic Surveys Branch
Oceanographic Division
National Ocean/Survey/National Oceanic & Atmospheric Administration
Rockville, MD 20852

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED
MESA New York Bight

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

4. PLATFORM NAME(S)
N/A

5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)
Taut-wire mooring, buoy

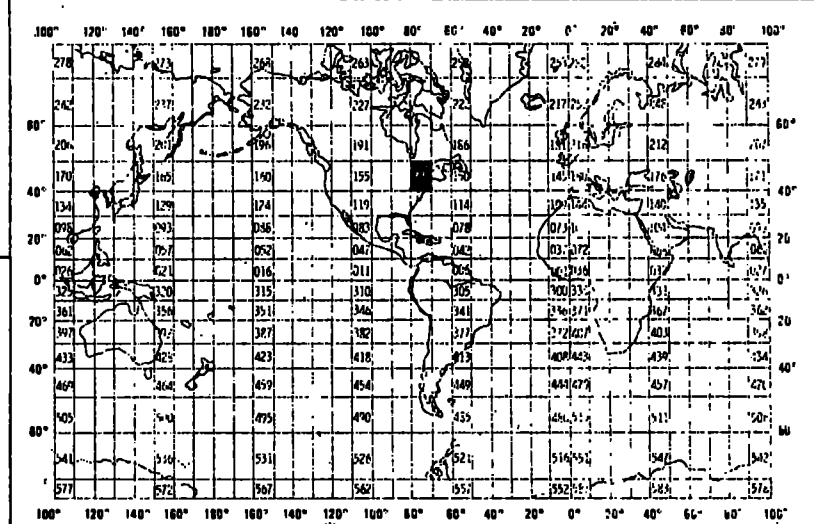
6. PLATFORM AND OPERATOR NATIONALITY(IES)
USA USA

7. DATES
FROM: 11/03/77 TO: 01/31/78

8. ARE DATA PROPRIETARY?
[X] NO [] YES See MESA Data Management Program
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)?
...E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?
[X] 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)
Chief, Oceanographic Surveys Branch
(301) 443-8501

B. SCIENTIFIC CONTENT

Include enough information concerning manner of observation, instrumentation, analysis, and data reduction routines to make them understandable to future users. Furnish the minimum documentation considered relevant to each data type. Documentation will be retained as a permanent part of the data and will be available to future users. Equivalent information already available may be substituted for this section of the form (i.e., publications, reports, and manuscripts describing observational and analytical methods). If you do not provide equivalent information by attachment, please complete the scientific content section in a manner similar to the one shown in the following example.

EXAMPLE (HYPOTHETICAL INFORMATION)

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Salinity	‰	Nansen bottles	Inductive salinometer (Hytech model 5510)	N/A (Not applicable)
		STD. Bissett-Berman Model 9006	N/A	Values averaged over 5-meter intervals
Water color	Forel scale	Visual comparison with Forel bottles	N/A	N/A
Sediment size	φ units and percent by weight	Ewing corer	Standard sieves. Carbonate fraction removed by acid treatment	Same as "Sedimentary Rock Manual," Folk '65

(SPACE IS PROVIDED ON THE FOLLOWING
TWO PAGES FOR THIS INFORMATION)

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

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 Direction	Degrees from true north.	Aanderaa Current Meter	*	**
Current Velocity	Centimeters per second.	Aanderaa Current Meter		
Water Temperature	Degrees Celsius	Aanderaa Current Meter		
Water Pressure	Kilograms per square centimeter	Aanderaa Current Meter		
Conductivity	Millimhos per centimeter	Aanderaa Current Meter		
* A/D conversion to engineering units.				
** All data sampled at 10 minute intervals.				

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

FILE HEADER RECORDS are identified by "1" in position ten of the record. Text contains buoy identification.
STATION HEADER RECORD is identified by "2" in position ten of the record. Buoy location, sensor and water depth are included.
DATA RECORDS are identified by "3" in position ten. They contain date, time, and data.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

A logical file consists of 3 file header records, one station header, and numerous data records. Samples every 10 minutes, spanning up to about 2 months may appear in an average file.
One physical file is permitted on each tape, and may contain several logical files.

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Tom Baumgardner; (301) 443-8050

ADDRESS C333; WSC-1; 60001 Executive Blvd., Rockville, MD 20852

Supervisor: C.R. Muirhead; Chief, Oceanographic Surveys Branch, C333

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input checked="" type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input checked="" type="checkbox"/> SEVEN</p> <p><input type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input checked="" type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input type="checkbox"/> ODD</p> <p><input checked="" type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>DCB= (BLKSIZE=4500, LRECL=45, RECFM=FB TRTCH=ET)</p> <p>DEN=2 by default.</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input checked="" type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>4500</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>6</p>

Vol. Ser. = NYB02 (orig)
 Vol. Ser. = 05658 (olc) (QUA-DI)

C. DATA FORMAT

This information is requested only for data transmitted on punched cards or magnetic tape. Have one of your data processing specialists furnish answers either on the form or by attaching equivalent readily available documentation. Identify the nature and meaning of all entries and explain any codes used.

1. List the record types contained in your file transmittal (e.g., tape label record, master, detail, standard depth, etc.).

2. Describe briefly how your file is organized.

3-13. Self-explanatory.

14. Enter the field name as appropriate (e.g., header information, temperature, depth, salinity).

15. Enter starting position of the field.

16. Enter field length in number columns and unit of measurement (e.g., bit, byte, character, word) in unit column.

17. Enter attributes as expressed in the programming language specified in item 3 (e.g., "F 4.1," "BINARY FIXED (5.1)").

18. Describe field. If sort field, enter "SORT 1" for first, "SORT 2" for second, etc. If field is repeated, state number of times it is repeated.

RECORD FORMAT DESCRIPTION

RECORD NAME BUSSA BIGHT FILE TYPE 005

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
<u>File Header Record</u>					
FILE TYPE	1	3	bytes	A3	"005" (constant value)
FILE DATE	4	6	bytes		Date of File Creation
YEAR	4	2	bytes	I2	Last two digits of year
MONTH	6	2	bytes	I2	Month "01" thru "12"
DAY	8	2	bytes	I2	Day "01" thru "31"
RECORD TYPE	10	1	bytes	A1	"1" for File Header
STATION	11	5	bytes	A5	Buoy Station Identifier
SEQUENCE	16	1	bytes	I1	File Header Number
TEXT	17	29	bytes	29A1	Optional Comments
<u>Station Header Record</u>					
IDENT	1	15	bytes	A3,3I3,A1,A5	Same as "File Header Record" except Record Type is "2"
LATITUDE	16	6	bytes	3I2	Degrees, Minutes, Seconds
LATHEM	22	1	bytes	A1	"N" or "S" Hemisphere
LONGITUDE	23	7	bytes	I3,2I2	Degrees, Minutes, Seconds
LONGHEM	30	1	bytes	A1	"W" or "E" Hemisphere
SENSOR	31	4	bytes	F4.1	Depth in Meters
WATER	35	4	bytes	F4.1	Depth in Meters
blank	39	7	bytes	7X	blank
<u>Data Record</u>					
IDENT	1	15	bytes	A3,3I3,A1,A5	Same as "File Header Record" except Record Type is "3"
DATE	16	6	bytes	3I3	Year, Month, Day; observed
TIME	22	4	bytes	F4.2	Time in hours; observed
DIRECTION	26	3	bytes	F3.0	Degrees from true North
VELOCITY	29	4	bytes	F4.0	Current; cm/sec.
TEMP	33	3	bytes	F3.1	Degrees Celsius
PRESSURE	36	4	bytes	F4.2	kg/cm ²
CONDUCTIVITY	40	4	bytes	F4.2	Millimhos/cm
blank	44	2	bytes	2X	blank

DATA RECORD (S)

STATION HEADER

FILE HEADER NO.3

FILE HEADER NO.2

FILE HEADER NO.1

1	File Type	Creation Date	Yr., Mo., Day	Record Type	Station	Observed Date and Time	Current Depth	Current Velocity	Temp	Pressure	Conductivity	Blank							
2						Year	Month	Day	Hour	Hundredths of Hour	Degrees from True North	Centimeters Per Second	Degrees Celsius	Tenths	Kilograms Per cm ³	Hundredths of Kg./cm ³	Millimhos per cm	Hundredths	Blank

1	File Type	Creation Date	Yr., Mo., Day	Record Type	Station	Latitude	Longitude	Sensor Depth	Water Depth	Blank								
2						Degrees	Minutes	Seconds	"N" or "S"	Degrees	Minutes	Seconds	"E" or "W"	Meters	Tenths	Meters	Tenths	Blank

1	File Type	Creation Date	Yr., Mo., Day	Record Type	Station	Comment Number	Text (Optional)
2							

1	File Type	Creation Date	Yr., Mo., Day	Record Type	Station	Comment Number	Text (Optional)
2							

1	File Type	Creation Date	Yr., Mo., Day	Record Type	Station	Comment Number	Text (Optional)
2							

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45

ARJIS DATA COLLECTION SYSTEM

RECORD FORMAT DESCRIPTION

9-5-78

MESA BIGHT FILE TYPE .005

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
<u>File Header Record</u>					
FILE TYPE	1	3	bytes	A3	"005" (constant value)
FILE DATE	4	6	bytes		Date of File Creation
YEAR	4	2	bytes	I2	Last two digits of year
MONTH	6	2	bytes	I2	Month "01" thru "12"
DAY	8	2	bytes	I2	Day "01" thru "31"
RECORD TYPE	10	1	bytes	A1	"1" for File Header
STATION	11	5	bytes	A5	Buoy Station Identifier
SEQUENCE	16	1	bytes	I1	File Header Number
TEXT	17	44	bytes	44A1	Optional Comments
<u>Station Header Record</u>					
IDENT	1	15	bytes	A3,3I2,A1,A5	Same as "File Header Record" except Record Type is "2"
LATITUDE	16	6	bytes	3I2	Degrees, Minutes, Seconds
LATHM	22	1	bytes	A1	"N" or "S" Hemisphere
LONGITUDE	23	7	bytes	I3,2I2	Degrees, Minutes, Seconds
LONHEM	30	1	bytes	A1	"W" or "E" Hemisphere
SENSOR	31	4	bytes	I4	Depth in Meters to tenths
WATER SENSOR SERIAL NUMBER	35	4	bytes	I4	Depth in Meters to tenths
NUMBER	39	4	bytes	A4	
BLANK	43	18	bytes	18x	
<u>Data Record</u>					
IDENT	1	15	bytes	A3,3I2,A1,A5	Same as "File Header Record" except Record Type is "3"
DATE	16	6	bytes	3I2	Year, Month, Day; observed
TIME	22	4	bytes	I4	Time in Hours to hundredths
DIRECTION	26	3	bytes	I3	Whole degrees from true north
VELOCITY	29	4	bytes	I4	Current; whole cm/sec
TEMP	33	3	bytes	I3	Degrees Celsius to tenths
PRESSURE	36	4	bytes	I4	kg/cm ² to hundredths
CONDUCTIVITY	40	4	bytes	I4	Millimhos/cm to hundredths
Inclinometer angle	44	2	bytes	I2	Meter tilt off vertical. In whole degrees
Wind Direction	46	3	bytes	I3	True direction from which wind is blowing. In whole degrees
Wind Speed	49	4	bytes	I4	Cm/sec
Sea Direction	53	3	bytes	I3	True direction from which dominant waves are coming. In whole degrees
Sea Height	56	3	bytes	I3	Height of dominant waves. centimeters
Sea Period	59	2	bytes	I2	Period of dominant waves. Seconds

C333-63

LETTER TRANSMITTING DATA

DATA AS LISTED BELOW WERE FORWARDED TO YOU BY (Check):

ORDINARY MAIL AIR MAIL

REGISTERED MAIL EXPRESS

GBL (Give number) _____

TO:

Mr. J. Ridlon
Page Building 1
Room 428
D781

DATE FORWARDED

July 19, 1978

NUMBER OF PACKAGES

1

NOTE: A separate transmittal letter is to be used for each type of data, as tidal data, seismology, geomagnetism, etc. State the number of packages and include an executed copy of the transmittal letter in each package. In addition the original and one copy of the letter should be sent under separate cover. The copy will be returned as a receipt. This form should not be used for correspondence or transmitting accounting documents.

Mesa Data

1 magnetic tape and related paper transmittals covering the period November 3, 1977 to January 31, 1978.

NOS # NODCM 16 (N.Y. Right)
(NODCTape # NYB02)

RECEIVED 21 JUL 1978

FROM: (Signature)

Charles R. Muirhead
Charles R. Muirhead

RECEIVED THE ABOVE
(Name, Division, Date)

Return receipted copy to:

NOAA/National Ocean Survey
6001 Executive Blvd.
Rockville, Md. 20852
Attn: C333

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

USER TAPE

78-0572
TR 3275-80

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER D 752-NOAA/EDIS/NODC--202 6347505
ADDRESS WASHINGTON, DC 20235

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 type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>Vol/Ser = 000500 (1, SL)</p> <p>DSN = TR 3275</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>BLK SIZE = 4800</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>Rec. length = 60</p>

	5-6 005-5	172 167
FZ 013930 3204 60/4800, SL F005		ANSI 4981 (C4043) #1 UØ2Ø416
TR 2569-2657, 2998, 3275-3280, 3657-3678, 3820, 3825, 3828-3832 , 3837-3838, 3887, 3890-3933		
		367,946 377,124

Accession No: 78-0572
 ID: N.Y. Bight Project

NSDCHEK: *** NON-STANDARD DATA FIELD CHECKING PROGRAM
 THIS IS 03/15/78 VERSION WITH NUMERIC RANGE CHECKING

USER'S INPUT REQUESTS FOLLOW:
 ERECL HAS BEEN SPECIFIED AS 60
 STATION HEADER RECORD SPECIFIED AS 2
 RECORD TYPES FLAGGED FOR RETRIEVAL ARE 123
 STATION STARTS IN POSITION 11 FOR 5 BYTES
 STATION WILL APPEAR ON RECORD TYPES 1 123
 RECORD TYPE WILL BE TAKEN FROM COLUMN 10 OF THE INPUT RECORDS
 FILETYPE IS 005

NO OBVIOUS ERRORS FOUND IN TABLE GENERATION PHASE - SUCCESSFUL EXECUTION EXPECTED

005TR32751LT18TINNEW YORK: BIGHT JNOS,NDAA

??????

FIRST FILE ID

??????

STATION NUMBER HAS CHANGED WITHOUT A MASTER
 THE FIELDS BELOW WERE CHECKED AS FOLLOWS (S=SIGN/B=BLANK/T=TAXONOMIC CODE/N=NUMERIC/M=MANDATORY NUMERIC)

TYPE	REC	POS	LENGTH	NAME	RANGE TESTED LOW HIGH	ACTUAL RANGE LOWEST HIGHEST	MEAN	S. DEV	COUNT
N	1	16	1	SEQUENCE	NO RANGE CHECKING	1 3	2.00	.81	3
M	2	16	2	LATDEG	10 89	40 40	40.00	.00	1
M	2	18	2	LATMIN	00 59	6 6	6.00	.00	1
N	2	20	2	LATSEC	00 59	36 36	36.00	.00	1
C	2	22	1	LATHM	N N				
M	2	23	3	LONDEG	060 179	72 72	72.00	.00	1
M	2	26	2	LONMIN	00 59	56 56	56.00	.00	1
N	2	28	2	LONSEC	00 59	30 30	30.00	.00	1
C	2	30	1	LONHEM	W W				
N	2	31	4	SENSOR DEPTH	0010 9000	55 55	55.00	.00	1
N	2	35	4	WATER DEPTH	0020 9999	488 488	488.00	.00	1
C	2	39	4	SENSOR SER. NO.	NO RANGE CHECKING				
B	2	43	18						0
M	3	16	2	YEAR	73 78	77 78	77.62	1.12	2360
M	3	18	2	MONTH	01 12	1 12	5.10	5.92	2360
M	3	20	2	DAY	01 31	1 31	18.30	8.34	2360
M	3	22	2	HOUR	00 23	0 23	11.51	6.93	2360
N	3	24	2	HUNDREDTHS OF HOUR	00 99	10 60	35.00	25.00	2360
N	3	26	3	DIRECTION	000 360	0 359	196.80	79.29	2360
N	3	29	3	VELOCITY	000 500	1 6	1.66	.98	2048
N	3	33	3	TEMPERATURE	-20 250	55 109	83.95	12.95	2360
N	3	36	4	PRESSURE KG/CM2 1/10	0010 9999	53 87	61.93	3.37	2360
N	3	40	4	CONDUCTIVITY	1500 5500	NO VALUES FOUND FOR THIS PARAMETER			
N	3	44	2	INCLINOMETER ANGLE	00 36	1 1	1.00	.00	194
N	3	46	3	WIND DIRECTION	000 360	NO VALUES FOUND FOR THIS PARAMETER			
N	3	49	3	WIND SPEED	000 070	NO VALUES FOUND FOR THIS PARAMETER			
N	3	53	3	SEA DIRECTION	000 360	NO VALUES FOUND FOR THIS PARAMETER			
N	3	56	3	SEA HEIGHT	NO RANGE CHECKING	NO VALUES FOUND FOR THIS PARAMETER			
N	3	59	2	SEA PERIOD	NO RANGE CHECKING	NO VALUES FOUND FOR THIS PARAMETER			

005TR32761LT-151NEW YORK BIGHT ,NDS,NDAA

??????

FILE ID HAS CHANGED

??????

STATION NUMBER HAS CHANGED WITHOUT A MASTER

THE FIELDS BELOW WERE CHECKED AS FOLLOWS (S=SIGN/B=BLANK/T=TAXONOMIC CODE/N=NUMERIC/M=MANDATORY NUMERIC

TYPE	REC	POS	LENGTH	NAME	RANGE TESTED		ACTUAL RANGE		MEAN	S. DEV	COUNT
					LOW	HIGH	LOWEST	HIGHEST			
N	1	16	1	SEQUENCE	NO RANGE CHECKING		1	3	2.00	.81	3
M	2	16	2	LATDEG	10	89	40	40	40.00	.00	1
M	2	18	2	LATMIN	00	59	6	6	6.00	.00	1
N	2	20	2	LATSEC	00	59	36	36	36.00	.00	1
C	2	22	1	LATHEM	N	N					
M	2	23	3	LONDEG	060	179	72	72	72.00	.00	1
M	2	26	2	LONMIN	00	59	56	56	56.00	.00	1
N	2	28	2	LONSEC	00	59	30	30	30.00	.00	1
C	2	30	1	LONHEM	W	W					
N	2	31	4	SENSOR DEPTH	0010	9000	18	18	18.00	.00	1
N	2	35	4	WATER DEPTH	0020	9999	488	488	488.00	.00	1
C	2	39	4	SENSOR SER. NO.	NO RANGE CHECKING						
B	2	43	18								0
M	3	16	2	YEAR	73	78	77	78	77.62	1.10	2363
M	3	18	2	MONTH	01	12	1	12	5.11	5.22	2363
M	3	20	2	DAY	01	31	1	31	18.30	8.35	2363
M	3	22	2	HOUR	00	23	0	23	11.52	6.92	2363
N	3	24	2	HUNDREDTHS OF HOUR	00	99	0	50	25.01	25.00	2363
N	3	26	3	DIRECTION	000	360	1	359	192.13	78.78	2363
N	3	29	3	VELOCITY	000	500	1	6	1.71	1.00	2070
N	3	33	3	TEMPERATURE	20	250	35	109	84.04	13.92	2363
N	3	36	6	PRESSURE KG/CM2 1/10	0010	9999	38	57	46.46	3.10	2363
N	3	40	4	CONDUCTIVITY	1500	5500	NO VALUES FOUND FOR THIS				
N	3	44	2	INCLINOMETER ANGLE	00	36	1	1	1.00	.00	200
N	3	46	3	WIND DIRECTION	000	360	NO VALUES FOUND FOR THIS				
N	3	49	3	WIND SPEED	000	070	NO VALUES FOUND FOR THIS				
N	3	53	3	SEA DIRECTION	000	360	NO VALUES FOUND FOR THIS				
N	3	56	3	SEA HEIGHT	NO RANGE CHECKING		NO VALUES FOUND FOR THIS				
N	3	59	2	SEA PERIOD	NO RANGE CHECKING		NO VALUES FOUND FOR THIS				

RECORDS READ 1

2367

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
7800572	F005	TR3275	0065	31J4	317F	1977/11/03	LT1XMNT	307481
7800572	F005	TR3276	0065	31J4	317F	1977/11/03	LT1-S	307482
7800572	F005	TR3277	0065	31J4	317F	1977/11/03	LT1-A	307483
7800572	F005	TR3278	0065	31J4	317F	1977/11/03	LT1-S	307484
7800572	F005	TR3279	0065	31J4	317F	1977/11/03	LT1-A	307485
7800572	F005	TR3280	0065	31J4	317F	1977/11/03	LT1-8	307486

(6 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
7800572	F005	TR3275	317F	2	2364	77/11/03	78/01/31
7800572	F005	TR3276	317F	2	2367	77/11/03	78/01/31
7800572	F005	TR3277	317F	2	2367	77/11/03	78/01/31
7800572	F005	TR3278	317F	2	1908	77/11/03	78/01/31
7800572	F005	TR3279	317F	2	1882	77/11/03	78/01/31
7800572	F005	TR3280	317F	2	1908	77/11/03	78/01/31

(6 rows affected)