

DATA DOCUMENTATION FORM

TT6343-TT6372 F015  
TT6374-TT6375 F015

NOAA FORM 24-13  
(2-85)

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
WASHINGTON, DC 20238

FORM APPROVED  
O.M.B. No. 0648-0024  
EXPIRES 2/29/87

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

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

TAPE A00188

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 <b>DR. BRAD BUTMAN U.S. GEOLOGICAL SURVEY, WOODS HOLE LAB. WOODS HOLE, MA 02543</b>			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED <b>OCS GEORGES BANK</b>		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) <b>CURRENT METER MOORINGS</b>	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
		PLATFORM OPERATOR	FROM: MO/DAY/YR TO: MO/DAY/YR
		<b>SEE ATTACHED LIST</b>	
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.  <b>GENERAL AREA</b>	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input checked="" 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)  <b>Ms. Polly Shoukimas 617 548 8700</b>			

## 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 S510)	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)

TAPE INVENTORY

TAPE # SLOPE-1

File #	Station ID	Current meter #	Start Date	End Date
1	SA	✓2711	82-11-16	83-10-19
2	SA	✓2712	82-11-16	83-10-19
3	SA	2761	83-10-21	84-03-17
4	SA	2762	83-10-21	84-03-17
5	SA	2771	84-03-17	84-11-17
6	SB	2671	82-11-10	83-10-19
7	SB	2672	82-11-10	83-10-19
8	SB	2673	82-11-10	83-10-19
9	SC	2681	82-11-11	83-10-19
10	SC	2682	82-11-11	83-10-19
11	SD	2691	82-11-26	83-10-20
12	SE	2701	82-11-10	83-10-23
13	SE	2741	83-10-23	83-12-16
14	SE	2743	83-10-23	84-03-13
15	SE	2744	83-10-23	84-03-13
16	SE	2782	84-03-16	84-11-15
17	SE	2783	84-03-16	84-11-15
18	SE	2784A	84-03-16	84-07-03
19	SE	2784B	84-07-03	84-11-15
20	SF	2751	83-10-18	84-03-13
21	SF	2752	83-10-18	84-01-25
22	SF	2791	84-03-17	84-08-14
23	SF	2792	84-03-17	84-11-15
24	SF	2793	84-03-17	84-07-24
25	SF	2794A	84-03-17	84-06-28
26	SF	2794B	84-06-28	84-08-07
27	SG	2811	84-03-13	84-11-15
28	SG	2812	84-03-13	84-11-15
29	SH	2821	84-03-15	84-08-11
30	SH	2822	84-03-15	84-09-02
31	T	2731	83-10-18	83-11-14
32	T	2831	84-05-17	84-11-16
33	T	2832	84-05-17	84-11-10
34	T	2801	84-03-16	84-09-19

### 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>CURRENTS:</b> North Component East Component	cm/sec cm/sec			
<b>TEMPERATURE</b>	deg. C			
<b>Salinity</b>	Pts/1000			
<b>Light Attenuation Coefficient</b>	% HUNDREDS			

**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

## 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.

### 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

NODC FILE TYPE 015 RECORD TYPES 1, 2 AND 4

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 \_\_\_\_\_  
ADDRESS \_\_\_\_\_

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 checked="" type="checkbox"/> ASCII    <input type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <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 <input type="checkbox"/> OCTAL 17 <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 style="text-align: center; font-weight: bold;">TAPE # SLOPE-1</p> <p>U.S. GEOLOGICAL SURVEY CURRENT METER DATA. 34 FILES SITES SA-SH AND T.</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>RECSIZE = 65    BLOCKSIZE = 6500</p> <p>13. LENGTH OF BYTES IN BITS</p>

## RECORD FORMAT DESCRIPTION

RECORD NAME \_\_\_\_\_

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN <small>(e.g., bits, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
<p>NODC FILE TYPE 015 (MODIFIED)</p> <p>ALL RECORDS HAVE BEEN EXPANDED BY 5 BYTES (TOTAL RECORD SIZE = 65 BYTES).</p> <p>POSITIONS 61-65 OF RECORD TYPE 4 CONTAINS THE ADDITIONAL PARAMETER LIGHT ATTENUATION COEFFICIENT</p>					



# RECORD FORMAT DESCRIPTION

RECORD NAME \_\_\_\_\_

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

## RECORD FORMAT DESCRIPTION

RECORD NAME \_\_\_\_\_

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

# RECORD FORMAT DESCRIPTION

RECORD NAME \_\_\_\_\_

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

### 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 (✓)	

TO: E/OC12 - C. Noe  
E/OC11 - P. Hadaell ←

FROM: E/OC13 - A. Picciolo F.J.M. /for

DATE: MAY 28, 1987

SUBJECT: Data Transfer

The following listed data sets have been transferred as indicated:

-----  
-----  
ARCHIVES BRANCH (E/OC11)

CURRENT Meters [FØ15]

ACC: 8600090 REF: TT6343-6372; 6374-6375

32 STATIONS ~~169,810~~ RECORDS

167,908

USGS-WOODS HOLE

OCS-GEORGE'S BANK

-----  
-----  
DATA PROCESSING BRANCH (E/OC12) XBT's

cc: E/OC1 - I. Perlroth

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
8600090	TT6343	F015	0091	31W4	317F	2711	11/16/82	10/19/83	1	8,110
8600090	TT6344	F015	0091	31W4	317F	2712	11/16/82	10/19/83	1	8,110
8600090	TT6345	F015	0091	31W4	317F	2761	10/21/83	03/17/84	1	3,580
8600090	TT6346	F015	0091	31W4	317F	2762	10/21/83	03/17/84	1	3,580
8600090	TT6347	F015	0091	31W4	317F	2771	03/17/84	11/17/84	1	5,892
8600090	TT6348	F015	0091	31W4	317F	2671	11/10/82	10/19/83	1	8,238
8600090	TT6349	F015	0091	31W4	317F	2672	11/10/82	10/19/83	1	8,239
8600090	TT6350	F015	0091	31W4	317F	2673	11/10/82	10/19/83	1	8,238
8600090	TT6351	F015	0091	31W4	317F	2681	11/11/82	10/19/83	1	8,240
8600090	TT6352	F015	0091	31W4	317F	2682	11/11/82	10/19/83	1	8,240
8600090	TT6353	F015	0091	31W4	317F	2691	11/26/82	10/20/83	1	7,890
8600090	TT6354	F015	0091	31W4	317F	2701	11/10/82	10/23/83	1	8,352
8600090	TT6355	F015	0091	31W4	317F	2741	10/23/83	12/16/83	1	1,304
8600090	TT6356	F015	0091	31W4	317F	2743	10/23/83	03/13/84	1	3,421
8600090	TT6357	F015	0091	31W4	317F	2744	10/23/83	03/13/84	1	3,421
8600090	TT6358	F015	0091	31W4	317F	2782	03/16/84	11/15/84	1	5,887
8600090	TT6359	F015	0091	31W4	317F	2783	03/16/84	11/15/84	1	5,887
8600090	TT6360	F015	0091	31W4	317F	2784A	03/16/84	07/03/84	1	2,645
8600090	TT6361	F015	0091	31W4	317F	2784B	07/03/84	11/15/84	1	3,259
8600090	TT6362	F015	0091	31W4	317F	2751	10/18/83	03/13/84	1	3,545
8600090	TT6363	F015	0091	31W4	317F	2752	10/18/83	01/25/84	1	2,377
8600090	TT6364	F015	0091	31W4	317F	2791	03/17/84	08/14/84	1	3,630
8600090	TT6365	F015	0091	31W4	317F	2792	03/17/84	11/15/84	1	5,866
8600090	TT6366	F015	0091	31W4	317F	2793	03/17/84	07/24/84	1	3,117
8600090	TT6367	F015	0091	31W4	317F	2794A	03/17/84	06/28/84	1	2,485
8600090	TT6368	F015	0091	31W4	317F	2794B	06/28/84	08/07/84	1	996
8600090	TT6369	F015	0091	31W4	317F	2811	03/13/84	11/15/84	1	5,938
8600090	TT6370	F015	0091	31W4	317F	2812	03/13/84	11/15/84	1	5,938
8600090	TT6371	F015	0091	31W4	317F	2821	03/15/84	08/11/84	1	3,588
8600090	TT6372	F015	0091	31W4	317F	2822	03/15/84	09/02/84	1	4,105
8600090	TT6374	F015	0091	31W4	317F	2831	05/17/84	11/16/84	1	4,420
8600090	TT6375	F015	0091	31W4	317F	2832	05/17/84	11/10/84	1	4,274

ACCESS NO. 8600090

FILETYPE F015

TRACK NO. \_\_\_\_\_

PROJECT IDENTIFICATION \_\_\_\_\_

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LRECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	7/31/86	MRL	A00188/SLOPEI	34	65	6500	21908
DUPLICATE TAPE	8/4/86	<del>W005134</del>	W005134	34	65	6500	
REFORMATTED TAPE	12/11/86	RPS	W00664	1	60	224	67908
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

ADDITIONAL ERRORS/CORRECTIONS (NOT REPORTED TO P.I.):

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

00294

DATA ENTRY INFORMATION SYSTEM  
(SUBMISSIONS)

DATE OF ENTRY: 03/17/86 ACCESSION NUMBER: 8600090  
DATE OF RECEIPT: 03/14/86 FORMER ACCESSION NUMBER: \_\_\_\_\_ (RESUBS ONLY)

SUBMITTER'S NAME: DR. BRAD BUTMAN (FIRST M.I. LAST)  
SUBMITTER'S ADDRESS: US GEOLOGICAL SURVEY  
ADDRESS: \_\_\_\_\_  
CITY: WOODS HOLE STATE: MA ZIP: 02543  
COUNTRY: \_\_\_\_\_ 0  
NODC SUBMITTER CODE: NELO SUBMISSION PRIORITY: NORMAL  
L.O. AREA: NE

CONTENTS OF SUBMISSION

DOCUMENTATION? NODC MAGNETIC TAPE(S)? DIGI DISKETTE(S)? no  
STRIP CHART(S)? no LOG SHEET(S)? no MAP(S)/CHART(S)? no  
PUBLICATION(S)? no MICROFORM(S)? no CASSETTE(S) no Press PgDn to continue

DESCRIPTION: ONE TAPE OF CURRENT MEASUREMENTS AT SLOPE SITES (1982 - 84)  
(to be entered on Submitter acknowledgement letter)

SUBMISSION MANAGER (3 INITIALS): FJM

DATE TRANSFERRED TO SUBMISSION MANAGER : 03/17/86

SUBMITTER ACKNOWLEDGEMENT DATE:  / /

ENTIRE SUBMISSION ON "HOLD" STATUS

WHEN:  / / WHY: \_\_\_\_\_ WHO'S RESPONSIBLE: \_\_\_\_\_ RESTART DATE:  / /  
REASON: \_\_\_\_\_  
WHEN:  / / WHY: \_\_\_\_\_ WHO'S RESPONSIBLE: \_\_\_\_\_ RESTART DATE:  / /  
REASON: \_\_\_\_\_  
SUBMITTER CONTACTED ON:  / /

ENTIRE SUBMISSION CANCELLED

WHEN:  / / DISPOSITION: \_\_\_\_\_  
REASON: \_\_\_\_\_



**TRANSMITTAL AND RECEIPT RECORD**

(Please sign and return carbon copy acknowledging receipt)

National Oceanographic Data Ctr.  
3300 Whitehaven St., NW  
Washington, D.C. 20235

REFER TO  
Phoncon w/ F. Mitchell

ATTENTION  
Dr. Tony Picciolo

THE ITEM(S) LISTED BELOW WERE FORWARDED TO YOU BY

- ORDINARY MAIL   
  REGISTERED MAIL   
  AIR MAIL   
  CERTIFIED MAIL   
  GOVERNMENT TRUCK   
  BY HAND   
  OTHER

The following 3 current meter data sets are replacements to the data sets previously shipped and identified as bad:

File #1	current meter	2571	← 8600040
File #2	" "	2731	← 8600090
File #3	" "	2801	← 8600090

These data sets are being resubmitted by Dr. Brad Butman, U.S Geological Survey. The tape specifications and data documentation correspond to what was sent previously (see my transmittals of Jan 26 and Mar 10 1986).

a..Sample dump of each file

REPLACES FILE # 8 on this TAPE

↑

TAPE Lydina (FILE #1)

TAPE SLOPE-1 (FILES 2 & 3)

REPLACE FILES 31 & 34 on

↑

Bin-6

FORWARDED BY (Signature)  
George Heimerdinger

TITLE  
N.E. NODC Service Center Rep.

DATE FORWARDED  
April 4, 86

RECEIVED BY (Signature)  
F. Mitchell

TITLE

DATE RECEIVED  
4/9/86

860090- F015

\* cols 1-9 are blank.

Enter 015 in cols 1-3

REQUIREMENTS REQUEST FORM

NAME <b>MARY R Lewis</b>	PHONE # <b>6347505</b>	ORG/TASK # <b>EG/2008N3B39</b>	DATE SUBMITTED <b>7/3/86</b>	DATE DUE <b>ASAP</b>	BIN #
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PREPARED TO BE USED AND FUNCTION TO BE PERFORMED

**TAPE SCAN AND COPY**

INPUT MEDIUM PER CARD DISK <b>TAPE</b> DISKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK <b>PRINT</b> <b>TAPE</b> PLOT DISKETTE OTHER(SPECIFY)
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DISKETTE INFORMATION

TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES	
<b>A00188</b>		<b>9</b>	<b>1600</b>	<b>ODD</b>	<b>NL</b>	<b>FB</b>	<b>65</b>	<b>6500</b>	<b>34</b>	
SECTOR SIZE	EXCHANGE TYPE	CODE: <b>ASCII</b> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES	
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES	
<b>W05134</b>		<b>9</b>	<b>1600</b>	<b>ODD</b>	<b>SL</b>	<b>FB</b>	<b>65</b>	<b>6500</b>		
SECTOR SIZE	EXCHANGE TYPE	CODE: <b>ASCII</b> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME <b>DNODC*8600090-01</b>				PURGE DATE <b>2047</b>

ADDITIONAL INSTRUCTIONS

**SEND W tape to Asheville**

ESTIMATED  
EXECUTION  
TIME

USE ONLY

DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED, DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
<b>8/1/86</b>	<b>2:00</b>	<b>3:00</b>		<i>[Signature]</i>

**86073105**

**TRANSMITTAL AND RECEIPT RECORD**

(Please sign and return carbon copy acknowledging receipt)

TO: National Oceanographic Data Center 3300 Whitehaven St., NW Washington, D.C. 20235	REFER TO
	ATTENTION <b>Dr. Tony Picciolo</b>

THE ITEM(S) LISTED BELOW WERE FORWARDED TO YOU BY

ORDINARY MAIL  
  REGISTERED MAIL  
  AIR MAIL  
  CERTIFIED MAIL  
  GOVERNMENT TRUCK  
  BY HAND  
  OTHER

The following current meter data set is forwarded to NODC for processing and archiving:

U.S. Geological Survey current meter measurements taken at slope sites off the N.E. Coast of United States. See attached location plot and inventory of current meter deployments.

These data were received from Dr. Brad Butman and are the result of MMS funded activities off Georges Bank. The data have been formatted to a slightly modified form of File Type 015 to accommodate the parameter light attenuation

- a..TAPE SLOPE-1 (9 track, 1600 bpi, ASCII, Recsize=65, Blksize=6500, 34 files).
- b..Originator supplied tape diagnostic/dump of each file
- c..Sample dump of the first file, *has 7 files*
- d..Data Documentation Form
- e..NAPIS records

NODC TAPE A00188  
ACC 8600090

cc: C. Noe  
B. Butman

FORWARDED BY (Signature) <i>George Heimerdinger</i>	TITLE N.E. NODC Service Center	DATE FORWARDED Mar. 10, 86
RECEIVED BY (Signature) <i>[Signature]</i>	TITLE	DATE RECEIVED

TAPE INVENTORY

TAPE # SLOPE-1.

File #	Station ID	Current meter #	Start Date	End Date
1	SA	2711✓	82-11-16	83-10-19
2	SA	2712✓	82-11-16	83-10-19
3	SA	2761✓	83-10-21	84-03-17
4	SA	2762✓	83-10-21	84-03-17
5	SA	2771✓	84-03-17	84-11-17
6	SB	2671✓	82-11-10	83-10-19
7	SB	2672✓	82-11-10	83-10-19
8	SB	2673✓	82-11-10	83-10-19
9	SC	2681✓	82-11-11	83-10-19
10	SC	2682✓	82-11-11	83-10-19
11	SD	2691✓	82-11-26	83-10-20
12	SE	2701✓	82-11-10	83-10-23
13	SE	2741✓	83-10-23	83-12-16
14	SE	2743✓	83-10-23	83-03-13
15	SE	2744✓	83-10-23	84-03-13
16	SE	2782✓	84-03-16	84-11-15
17	SE	2783✓	84-03-16	84-11-15
18	SE	2784A✓	84-03-16	84-07-03
19	SE	2784B✓	84-07-03	84-11-15
20	SF	2751✓	83-10-18	84-03-13
21	SF	2752✓	83-10-18	84-01-25
22	SF	2791✓	84-03-17	84-08-14
23	SF	2792✓	84-03-17	84-11-15
24	SF	2793✓	84-03-17	84-07-24
25	SF	2794A✓	84-03-17	84-06-28
26	SF	2794B✓	84-06-28	84-08-07
27	SG	2811✓	84-03-13	84-11-15
28	SG	2812✓	84-03-13	84-11-15
29	SH	2821✓	84-03-15	84-08-11
30	SH	2822✓	84-03-15	84-09-02
31	T	2731	83-10-18	83-11-14
32	T	2831	84-05-17	84-11-16
33	T	2832	84-05-17	84-11-10
34	T	2801	84-03-16	84-09-19

There is  
 A Replacement  
 Meter File  
 For ~~these~~  
 These

# SLOPE ARRAY

## CURRENT

STA	DEPTH (m)	INST. DEPTH (m)	MAB (m)	1982												1983												1984											
				S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D								
SA	475 to 500	150-185 372 479-494	300 100 6	2711												2781												2771											
				2712												2782												2772											
SB	1560	360 960 1460	1200 600 100	2871												2872												2873											
				2881												2882												2891											
				2791												2792												2793											
SC	2095	109 409	1986 1686	2891												2892												2893											
				2791												2792												2793											
SD	485	385	100	2791												2792												2793											
SE	500 to 510	150-160 250-260 400-410 504	350 250 100 6	2791												2792												2793											
				2794												2795												2796											
SF	202 to 205	10 54 127-129 196-198	195 150 75 6	2791												2792												2793											
				2794												2795												2796											
SG	1150	950 1144	200 6	2811												2812												2813											
				2821												2822												2823											
SH	1220	1020 1214	200 6	2831												2832												2833											
				2841												2842												2843											
T	101	56 93 100	44 7 1	2731												2732												2733											
				2801												2802												2803											
WARM CORE RINGS				82H												82I												82J											
CRUISES				OCEANUS 130												OCEANUS 140												OCEANUS 149											
				S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D																																			
				1982												1983												1984											

Figure AII-4. Preliminary time line showing sequence of current observations made during the Slope Experiment. See figure AI-6 for explanation.

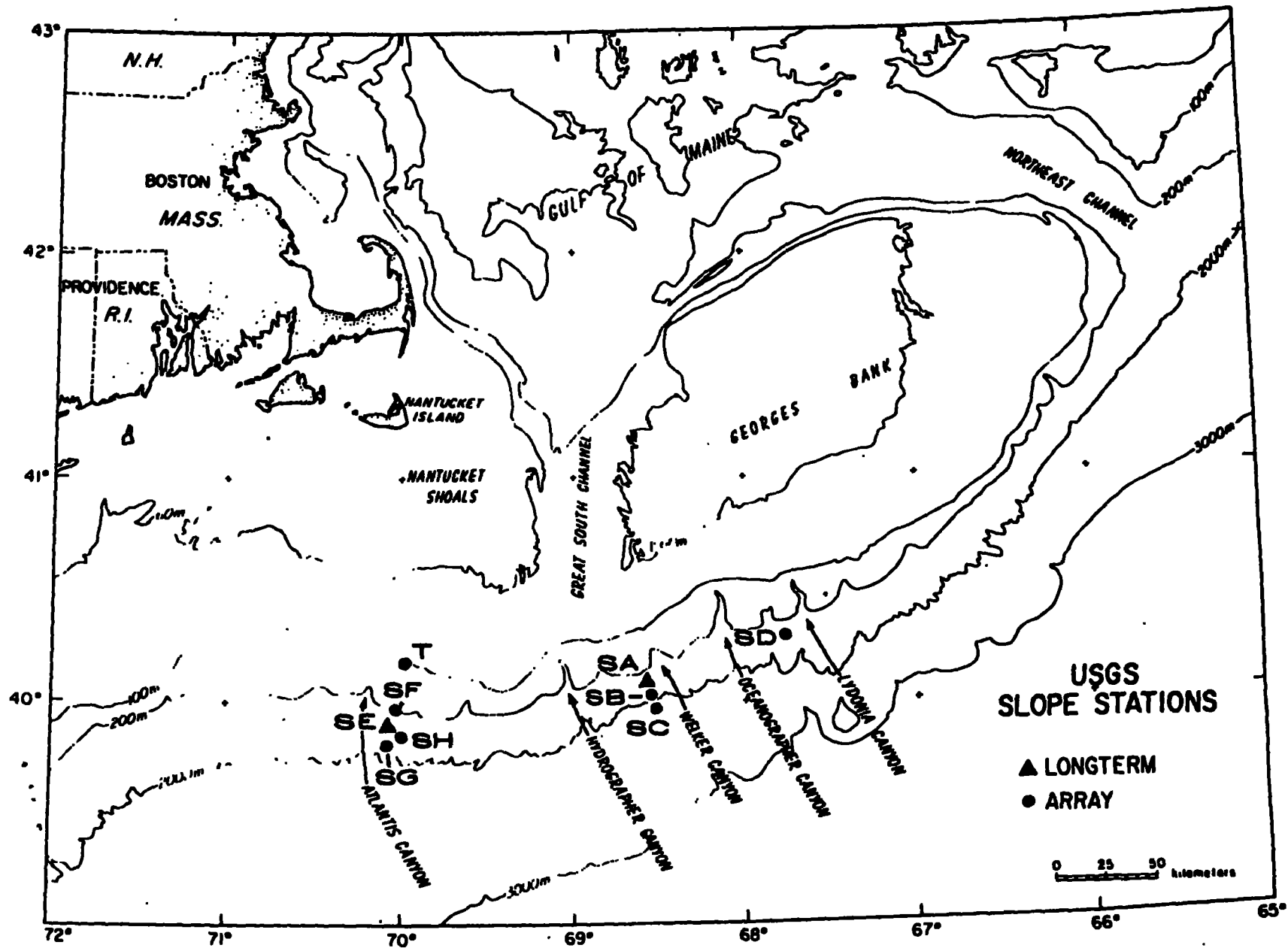


Figure 4. Location of all moorings deployed as part of the Slope Experiment. Not all stations were occupied simultaneously (see appendix II).

Password:

accNo	flea	refNo	proj	inst	ship	startDate	cruise	catId
8600090	F015	TT6343	0091	31W4	317F	1982/11/16	2711	160179
8600090	F015	TT6344	0091	31W4	317F	1982/11/16	2712	160180
8600090	F015	TT6345	0091	31W4	317F	1983/10/21	2761	160181
8600090	F015	TT6346	0091	31W4	317F	1983/10/21	2762	160182
8600090	F015	TT6347	0091	31W4	317F	1984/03/17	2771	160183
8600090	F015	TT6348	0091	31W4	317F	1982/11/10	2671	160184
8600090	F015	TT6349	0091	31W4	317F	1982/11/10	2672	160185
8600090	F015	TT6350	0091	31W4	317F	1982/11/10	2673	160186
8600090	F015	TT6351	0091	31W4	317F	1982/11/11	2681	160187
8600090	F015	TT6352	0091	31W4	317F	1982/11/11	2682	160188
8600090	F015	TT6353	0091	31W4	317F	1982/11/26	2691	160189
8600090	F015	TT6354	0091	31W4	317F	1982/11/10	2701	160190
8600090	F015	TT6355	0091	31W4	317F	1983/10/23	2741	160191
8600090	F015	TT6356	0091	31W4	317F	1983/10/23	2743	160192
8600090	F015	TT6357	0091	31W4	317F	1983/10/23	2744	160193
8600090	F015	TT6358	0091	31W4	317F	1984/03/16	2782	160194
8600090	F015	TT6359	0091	31W4	317F	1984/03/16	2783	160195
8600090	F015	TT6360	0091	31W4	317F	1984/03/16	2784A	160196
8600090	F015	TT6361	0091	31W4	317F	1984/07/03	2784B	160197
8600090	F015	TT6362	0091	31W4	317F	1983/10/18	2751	160198
8600090	F015	TT6363	0091	31W4	317F	1983/10/18	2752	160199
8600090	F015	TT6364	0091	31W4	317F	1984/03/17	2791	160200
8600090	F015	TT6365	0091	31W4	317F	1984/03/17	2792	160201
8600090	F015	TT6366	0091	31W4	317F	1984/03/17	2793	160202
8600090	F015	TT6367	0091	31W4	317F	1984/03/17	2794A	160203
8600090	F015	TT6368	0091	31W4	317F	1984/06/28	2794B	160204
8600090	F015	TT6369	0091	31W4	317F	1984/03/13	2811	160205
8600090	F015	TT6370	0091	31W4	317F	1984/03/13	2812	160206
8600090	F015	TT6371	0091	31W4	317F	1984/03/15	2821	160207
8600090	F015	TT6372	0091	31W4	317F	1984/03/15	2822	160208
8600090	F015	TT6374	0091	31W4	317F	1984/05/17	2831	160209
8600090	F015	TT6375	0091	31W4	317F	1984/05/17	2832	160210
8600090	F015	TT9488	0091	31W4	317F	1982/11/16	2711	160211
8600090	F015	TT9489	0091	31W4	317F	1982/11/16	2712	160212
8600090	F015	TT9490	0091	31W4	317F	1983/10/21	2761	160213
8600090	F015	TT9491	0091	31W4	317F	1983/10/21	2762	160214
8600090	F015	TT6434	9999	3102	317F	1983/10/18	2731	160215
8600090	F015	TT6435	9999	3102	317F	1984/03/16	2801	160216

(38 rows affected)



Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
8600090	F015	TT6343	317F	12	8109	82/11/16	83/10/01
8600090	F015	TT6344	317F	12	8109	82/11/16	83/10/01
8600090	F015	TT6345	317F	6	3579	83/10/21	84/03/01
8600090	F015	TT6346	317F	6	3579	83/10/21	84/03/01
8600090	F015	TT6347	317F	9	5891	84/03/17	84/11/01
8600090	F015	TT6348	317F	12	8237	82/11/10	83/10/01
8600090	F015	TT6349	317F	12	8238	82/11/10	83/10/01
8600090	F015	TT6350	317F	12	8237	82/11/10	83/10/01
8600090	F015	TT6351	317F	12	8239	82/11/11	83/10/01
8600090	F015	TT6352	317F	12	8239	82/11/11	83/10/01
8600090	F015	TT6353	317F	12	7889	82/11/26	83/10/01
8600090	F015	TT6354	317F	12	8351	82/11/10	83/10/01
8600090	F015	TT6355	317F	3	1303	83/10/23	83/12/01
8600090	F015	TT6356	317F	6	3420	83/10/23	84/03/01
8600090	F015	TT6357	317F	6	3420	83/10/23	84/03/01
8600090	F015	TT6358	317F	9	5886	84/03/16	84/11/01
8600090	F015	TT6359	317F	9	5886	84/03/16	84/11/01
8600090	F015	TT6360	317F	5	2644	84/03/16	84/07/01
8600090	F015	TT6361	317F	5	3258	84/07/03	84/11/01
8600090	F015	TT6362	317F	6	3544	83/10/18	84/03/01
8600090	F015	TT6363	317F	4	2376	83/10/18	84/01/01
8600090	F015	TT6364	317F	6	3629	84/03/17	84/08/01
8600090	F015	TT6365	317F	9	5865	84/03/17	84/11/01
8600090	F015	TT6366	317F	5	3116	84/03/17	84/07/01
8600090	F015	TT6367	317F	4	2484	84/03/17	84/06/01
8600090	F015	TT6368	317F	3	995	84/06/28	84/08/01
8600090	F015	TT6369	317F	9	5937	84/03/13	84/11/01
8600090	F015	TT6370	317F	9	5937	84/03/13	84/11/01
8600090	F015	TT6371	317F	6	3587	84/03/15	84/08/01
8600090	F015	TT6372	317F	7	4104	84/03/15	84/09/01
8600090	F015	TT6374	317F	7	4419	84/05/17	84/11/01
8600090	F015	TT6375	317F	7	4273	84/05/17	84/11/01
8600090	F015	TT9488	317F	1	NULL	82/11/16	83/10/19
8600090	F015	TT9489	317F	1	NULL	82/11/16	83/10/19
8600090	F015	TT9490	317F	1	NULL	83/10/21	84/03/17
8600090	F015	TT9491	317F	1	NULL	83/10/21	84/03/17
8600090	F015	TT6434	317F	2	651	83/10/18	83/11/01
8600090	F015	TT6435	317F	7	4486	84/03/16	84/09/01

(38 rows affected)