

DATA DOCUMENTATION FORM

NOAA FORM 24-13
(2-85)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

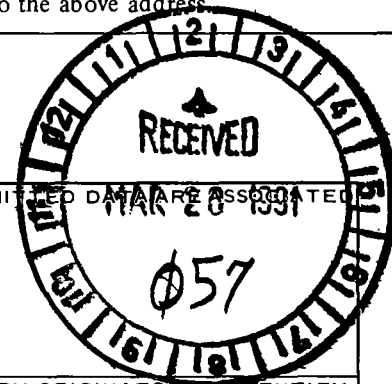
FORM APPROVED
O.M.B. No. 0648-0024
EXPIRES 2/29/87

(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.

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

NOAA, Pacific Marine Environmental Laboratory
7600 Sand Point Way NE, Bldg. 3
Seattle, Wa. 98115

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED	3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT
Greenland Sea	7038 4295 7039 6926 7833 7036 7836 7835

4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
buoy	buoy	US US	FROM: MO/DAY/YR TO: MO/DAY/YR 05/89 07/90

8. ARE DATA PROPRIETARY?

NO YES

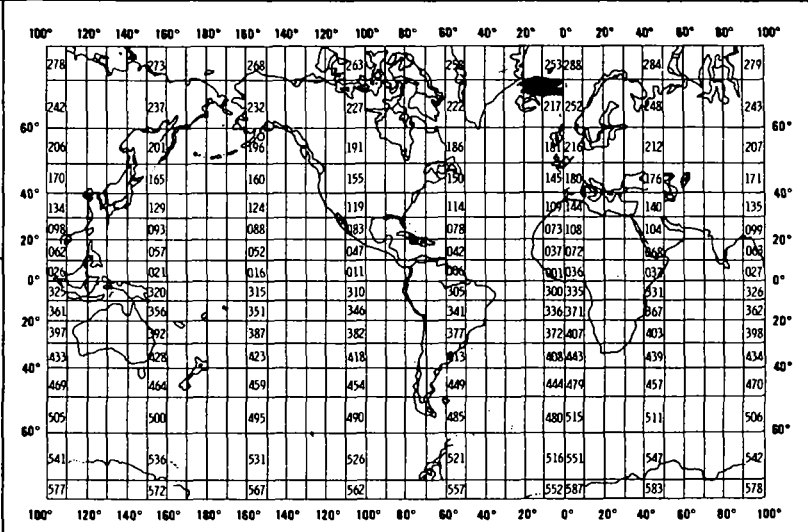
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____

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

GENERAL AREA

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

NO YES PART (SPECIFY BELOW)



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

Ms. Lynn Long
(206)526-6185

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)

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

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

(see attached sheets)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

(see attached sheets)

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Ms. Lynn Long, (206)526-6185
ADDRESS NOAA/PMEL, 7600 Sand Point Way NE, Seattle, Wa. 98115

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</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>1989 - 90 Greenland Sea Current Meter Data in NODC FT 015 9 track, ASCII, odd parity, 6250 bpi unlabelled tape, 1 file</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 type="checkbox"/> 800 BPI</p> <p><input checked="" type="checkbox"/> 6250 bpi</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>_____</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>_____</p>

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN _____ <i>(e.g., bits, bytes)</i>	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		

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		
(SEE ATTACHED SHEETS)					

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		

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 (✓)	

DATE March 1984	NODC Users Guide	SECTION 4.1.8	PAGE 3
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NORTH-SOUTH CURRENT COMPONENT (V)	XXXXXX - CM/SEC TO HUNDREDTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTION TOWARD	34
TEMPERATURE	XXXXX WITH NEGATIVE TEMPERATURES PRECEDED BY MINUS SIGN (DEG C TO THOUSANDTHS)	40
PRESSURE	XXXXX (DECIBARS TO TENTHS)	45
CONDUCTIVITY	XXXX - MMHOS/CM TO HUNDREDTHS	50
BLANK		64
SEQUENCE NUMBER	XXXXXX - USED FOR SORTING DATA RECORDS ORIGINATOR	55

DETAIL RECORD 2	ALWAYS '4'	10
METER NUMBER	SEE RECORD '1'	11
DATE (GMT)	YYMMDD	15
TIME (GMT)	XXXXXX (HOURS, MINUTES TO HUNDREDTHS)	22
EAST-WEST CURRENT COMPONENT (U)	XXXXXX - CM/SEC TO HUNDREDTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTION TOWARD	28
NORTH-SOUTH CURRENT COMPONENT (V)	XXXXXX - CM/SEC TO HUNDREDTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN	34
TEMPERATURE	XXXXX WITH NEGATIVE TEMPERATURES PRECEDED BY MINUS SIGN (DEG C TO THOUSANDTHS)	40
PRESSURE	XXXXX (DECIBARS TO TENTHS)	45
SALINITY	XXXXX PARTS PER THOUSAND TO THOUSANDTHS	50
SEQUENCE NUMBER	XXXXXX - USED FOR SORTING DATA RECORDS	55

1989 Greenland Sea

8 current meters

G53B		G5P3B	
Rcm-4	7038	Rcm-4	4295
Rcm-4	7039	Rcm-4	6926
Rcm-4	7833	Rcm-4	7036
Rcm-5	7836	Rcm-5	7835

a track

6250 BPI

ASCII

odd parity

unlabeled

dates of cruise

Dep. May 1989

Recovered July 1990

May 1989

July 1990

The data are digitized in NOIC file
types 015 . . .

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
9100065	TV5908	F015		313F	317F	AN4295	05/19/89	07/13/90	1	10,066
9100065	TV5909	F015		313F	317F	AN6926	05/19/89	07/13/90	1	10,065
9100065	TV5910	F015		313F	317F	AN7036	05/19/89	07/13/90	1	10,065
9100065	TV5911	F015		313F	317F	AN7835	05/19/89	07/13/90	1	10,066
9100065	TV5912	F015		313F	317F	AN7038	05/22/89	07/12/90	1	9,988
9100065	TV5913	F015		313F	317F	AN7039	05/22/89	07/12/90	1	9,988
9100065	TV5914	F015		313F	317F	AN7833	05/22/89	06/29/90	1	9,681
9100065	TV5915	F015		313F	317F	AN7836	05/22/89	05/23/89	1	22

69 941

REQUEST FOR ADP SERVICES

User Name <i>Cliff Hartley</i>	Phone # <i>673-5636</i>	Org/Task <i>EG12008N3AH9</i>	Submit Date <i>05/15/91</i>	Due Date <i>ASAP</i>
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PART A

Request/Problem Category

- General Info Communications Equipment Supplies
 Software Tape Library Computer Operations
 Other Specify:

Request/Problem Description:

*Copy tape AΦ1416 to a 'w' tape
Please scan 'w' tape*

PART B

(For Operator Job Requests)

Operator Job Request Type

- Run BRBUOY procedure Name: _____ See attached list
 Run SELBUOY procedure Name: _____ See attached list
 Run BUOYSUM procedure Name: _____ See attached list
 Run OTHER procedure - see SPECIAL INSTRUCTIONS
 Tape Scan
 Tape to Tape Copy Scan OUTPUT tape? yes no
 Disk to Tape Copy Scan OUTPUT tape? yes no
 Tape to Disk Copy
 Print 80 column 132 column HEX OCTAL Character
 All files/records? yes no. see SPECIAL INSTRUCTIONS
 Restore VAX file Name: _____
 OTHER - see SPECIAL INSTRUCTIONS

Special Operator Instructions:

*Please send 'w' tape to Asheville, N.C.
Data Set Name for 'w' tape DNODC* 9100065-01.*

JOB INPUT

Id#/Filename: *AΦ1416*

MEDIUM: TAPE DISK DISKETTE OTHER Specify:
 CODE: ASCII EBCDIC BINARY OTHER Specify:
 TAPE SPECS: 800 1600 6250 NL SL
 MAX Record Length: *80* MAX Blocksize: *3200*

JOB OUTPUT

Id#/Filename: *W1878X*

MEDIUM: TAPE DISK DISKETTE OTHER Specify:
 CODE: ASCII EBCDIC BINARY OTHER Specify:
 TAPE SPECS: 800 1600 6250 NL SL
 MAX Record Length: *80* MAX Blocksize: *3200*

(OC3 Use Only)

JOB Number: *91051802*

Completed By: *[Signature]*

Date/Time Start *5-18-91/10:00*

Date/Time Completed: *5-18-91/10:15*

User Name <i>Cliff Hatley</i>	Phone # <i>673-5436</i>	Org/Task <i>EG12008A3A#9</i>	Submit Date <i>05/01/91</i>	Due Date <i>ASAP</i>
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PART A

Request/Problem Category

- General Info Communications Equipment Supplies
 Software Tape Library Computer Operations
 Other Specify:

Request/Problem Description:

Please scan tape AΦ1416

PART B (For Operator Job Requests)

Operator Job Request Type

- Run BRBUOY procedure Name: _____ See attached list
 Run SELBUOY procedure Name: _____ See attached list
 Run BUOYSUM procedure Name: _____ See attached list
 Run OTHER procedure - see SPECIAL INSTRUCTIONS
 Tape Scan
 Tape to Tape Copy Scan OUTPUT tape? yes no
 Disk to Tape Copy Scan OUTPUT tape? yes no
 Tape to Disk Copy
 Print 80 column 132 column HEX OCTAL Character
 All files/records? yes no, see SPECIAL INSTRUCTIONS
 Restore VAX file Name: _____
 OTHER - see SPECIAL INSTRUCTIONS

Special Operator Instructions:

Please return tape AΦ1416 to Bin 09

JOB INPUT

Id#/Filename: *AΦ1416*

MEDIUM: ~~Tape~~ Tape Disk Diskette Other Specify:
 CODE: ASCII EBCDIC Binary Other Specify:
 Tape Specs: 800 1600 6250 NL SL
 MAX Record Length: _____ MAX BLOCKSIZE: _____

JOB OUTPUT

Id#/Filename: _____

Medium: Tape Disk Diskette Other Specify:
 Code: ASCII EBCDIC Binary Other Specify:
 Tape Specs: 800 1600 6250 NL SL
 MAX Record Length: _____ MAX Blocksize: _____

(OC3 Use Only)

JOB Number: *91050201*
 Completed By: *J.S.*

Date/Time Start: *5-02-91/8:00*
 Date/Time Completed: *5-02-91/8:05*

TRANSMITTAL AND RECEIPT RECORD
(Please sign and return carbon copy acknowledging receipt)

TO: NOAA/NESDIS/NODC 1825 Connecticut Ave NW Washington DC 20235	REFER TO
	ATTENTION E/OC13, Dr. Anthony R. Picciolo

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

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

Enclosed, find documentation and one (1) magnetic tape containing 1 file of Greenland Sea current meter data in NODC FT 015. These data are a result of 8 meters (see below) deployed from May 1989 to July 1990. These data were received from Ms. Lynn Long, NOAA/PMEL.

Meters

<u>GS3B</u>		<u>GSP3B</u>	
7038	RCM-4	4295	RCM-4
7039	RCM-4	6926	RCM-4
7833	RCM-4	7036	RCM-4
7836	RCM-5	7835	RCM-5

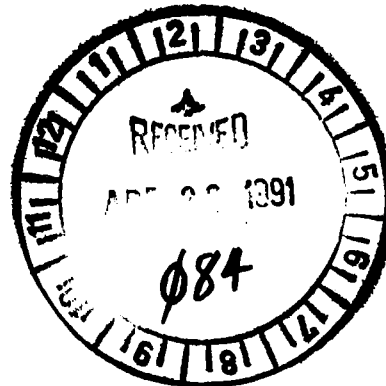
* This is the replacement tape for the one originally sent on 3/18/91.

91 000 65

Sid Stillwaugh

cc: Ms. Lynn Long, PMEL

A 01416



FORWARDED BY (Signature) <i>Sid Stillwaugh</i> Sid Stillwaugh	TITLE NODC Liaison Officer, Seattle	DATE FORWARDED 4/24/91
RECEIVED BY (Signature) <i>James J. [unclear]</i>	TITLE	DATE RECEIVED

TRANSMITTAL AND RECEIPT RECORD
(Please sign and return carbon copy acknowledging receipt)

TO: NOAA/NESDIS/NODC 1825 Connecticut Ave NW Washington DC 20235	REFER TO
	ATTENTION E/OC13, Dr. Anthony R. Picciolo

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

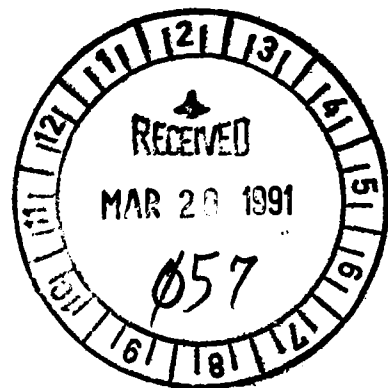
ORDINARY MAIL
 REGISTERED MAIL
 AIR MAIL
 CERTIFIED MAIL
 GOVERNMENT TRUCK
 BY HAND
 OTHER

Enclosed, find documentation and one (1) magnetic tape containing 1 file of Greenland Sea current mater data in NODC FT 015. These data are a result of 8 meters (see below) deployed from May 1989 to July 1990. These data were received from Ms. Lynn Long , NOAA/PMEL.

Meters

<u>GS3B</u>		<u>GSP3B</u>	
7038	RCM-4	4295	RCM-4
7039	RCM-4	6926	RCM-4
7833	RCM-4	7036	RCM-4
7836	RCM-5	7835	RCM-5

cc: Ms. Lynn Long, NOAA/PMEL
Mr. Michael Crane, NODC, E/OC13



91 000 65

TAPE RETURNED BY
STILLWAUGH Request

Sid Stillwaugh

FORWARDED BY (Signature) Sid Stillwaugh	TITLE NODC Liaison Officer, Seattle	DATE FORWARDED 3/18/91
RECEIVED BY (Signature) E. Mitchell	TITLE	DATE RECEIVED

TRANSMITTAL AND RECEIPT RECORD
(Please sign and return carbon copy acknowledging receipt)

TO: NOAA/NESDIS/NODC 1825 Connecticut Ave NW Washington DC 20235	REFER TO
	ATTENTION E/OC13, Dr. Anthony R. Picciolo

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

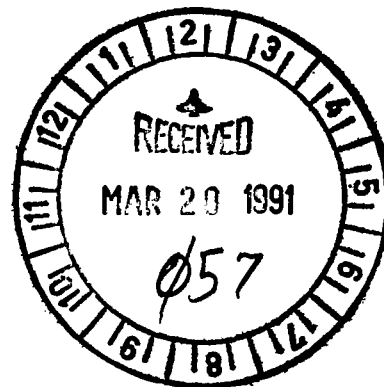
ORDINARY MAIL
 REGISTERED MAIL
 AIR MAIL
 CERTIFIED MAIL
 GOVERNMENT TRUCK
 BY HAND
 OTHER

Enclosed, find documentation and one (1) magnetic tape containing 1 file of Greenland Sea current mater data in NODC FT 015. These data are a result of 8 meters (see below) deployed from May 1989 to July 1990. These data were received from Ms. Lynn Long , NOAA/PMEL.

Meters

<u>GS3B</u>		<u>GSP3B</u>	
7038	RCM-4	4295	RCM-4
7039	RCM-4	6926	RCM-4
7833	RCM-4	7036	RCM-4
7836	RCM-5	7835	RCM-5

cc: Ms. Lynn Long, NOAA/PMEL
Mr. Michael Crane, NODC, E/OC13



FORWARDED BY (Signature) Sid Stillwaugh	TITLE NODC Liaison Officer, Seattle	DATE FORWARDED 3/18/91
RECEIVED BY (Signature)	TITLE	DATE RECEIVED

DATE April 1985	NODC Users Guide	SECTION 4.1.8	PAGE 2
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File structure -

Four 60-character records: (1) Text Record, (2) Master Record, (3) Detail Record 1, and (4) Detail Record 2.

File format -

Current Meter Data (Components) (F015)

PARAMETER	DESCRIPTION	SC
TEXT RECORD	ALWAYS '1'	10
METER NUMBER	FIVE-CHARACTER FIELD ASSIGNED BY THE ORIGINATOR - ALSO INCLUDED ON RECORD TYPES 2 AND 3	11
TEXT	THIRTY-EIGHT CHARACTER FIELD FOR COMMENTS OR PERTINENT INFORMATION	16
BLANK		54
SEQUENCE NUMBER	XXXXXX - USED FOR SORTING TEXT INFORMATION	55
MASTER RECORD	ALWAYS '2'	10
METER NUMBER	SEE RECORD '1'	11
LATITUDE	DDMMXX PLUS HEMISPHERE 'N' OR 'S' - MINUTES TO HUNDREDTHS	16
LONGITUDE	DDDMMXX PLUS HEMISPHERE 'E' OR 'W' - MINUTES TO HUNDREDTHS	23
DEPTH OF BOTTOM	XXXXX (WHOLE METERS)	31
DEPTH OF CURRENT	XXXXX (METERS TO TENTHS)	36
METER		
METER USAGE SEQUENCE	XXX - USED FOR INDICATING NUMBER OF TIMES METER HAS BEEN USED	41
NUMBER		
(NODC USE)	TWO CHARACTERS FOR NODC INTERNAL USE	44
AXIS ROTATION	XXX - DEGREES CLOCKWISE FROM TRUE NORTH OF V AXIS - VALUES SHOULD BE 0 WHEN FINAL PROCESSED TO PROVIDE TRUE DIRECTION INFORMATION	46
LOCATION NAME	SIX-CHARACTER NAME DETERMINED BY ORIGINATOR	49
NUMBER OF DETAIL RECORDS	XXXXXX - USED TO INDICATE NUMBER OF DETAIL RECORDS (3) TO FOLLOW THE MASTER RECORD (2)	55
DETAIL RECORD 1	ALWAYS '3'	10
METER NUMBER	SEE RECORD '1'	11
DATE (GMT)	YYMMDD	16
TIME (GMT)	XXXXXX (HOURS, MINUTES TO HUNDREDTHS)	22
EAST-WEST CURRENT	XXXXXX - CM/SEC TO HUNDREDTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTION TOWARD	28
COMPONENT (U)		

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
9100065	F015	TV5908	9999	313F	317F	1989/05/19	AN4295	197616
9100065	F015	TV5909	9999	313F	317F	1989/05/19	AN6926	197617
9100065	F015	TV5910	9999	313F	317F	1989/05/19	AN7036	197618
9100065	F015	TV5911	9999	313F	317F	1989/05/19	AN7835	197619
9100065	F015	TV5912	9999	313F	317F	1989/05/22	AN7038	197620
9100065	F015	TV5913	9999	313F	317F	1989/05/22	AN7039	197621
9100065	F015	TV5914	9999	313F	317F	1989/05/22	AN7833	197622
9100065	F015	TV5915	9999	313F	317F	1989/05/22	AN7836	197623

(8 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
9100065	F015	TV5908	317F	15	10066	89/05/19	90/07/01
9100065	F015	TV5909	317F	15	10065	89/05/19	90/07/01
9100065	F015	TV5910	317F	15	10065	89/05/19	90/07/01
9100065	F015	TV5911	317F	15	10066	89/05/19	90/07/01
9100065	F015	TV5912	317F	15	9988	89/05/22	90/07/01
9100065	F015	TV5913	317F	15	9988	89/05/22	90/07/01
9100065	F015	TV5914	317F	14	9681	89/05/22	90/06/01
9100065	F015	TV5915	317F	1	22	89/05/22	89/05/22

(8 rows affected)