ACCESSION NUMBER	80-0055

DATA DOCUMENTATION FORM: TR5596 - TR5597

NOAA FORM 24-13
(4-77)

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

FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

(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

Dr. J. B. Matthews
Geophysical Institute
University of Alaska, Fairbanks
Alaska 99701

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

OCSEAP R.U. 526

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

2169 1 - FILE I.D. TR5593
2257 1 - FILE I.D. TR5594
**2211 1 - FILE I.D. (SEE B.)

4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) *(E.G., SHIP, BUOY, ETC.)*	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR
N/A	~~N/A~~ BUOY	N/A	N/A	N/A	N/A

8. ARE DATA PROPRIETARY?

☒ NO ☐ YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR____ MONTH____

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?

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

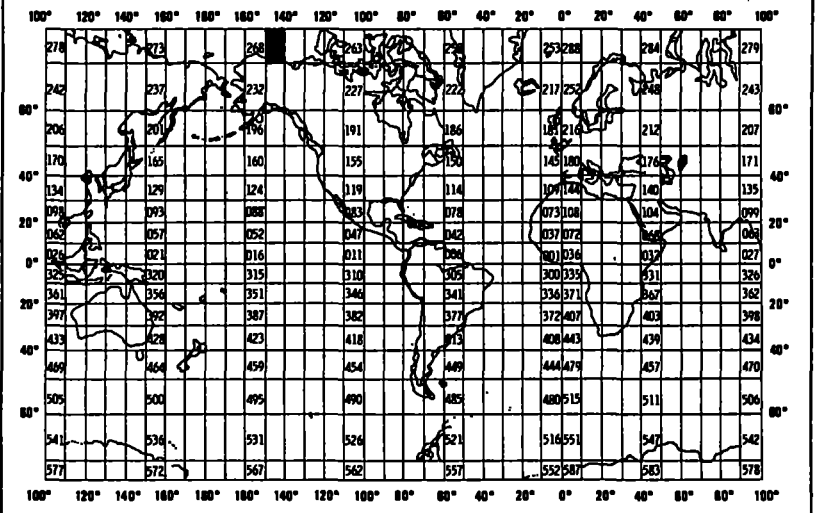
☒ NO ☐ YES ☐ PART *(SPECIFY BELOW)*

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

DR. J. B. MATTHEWS
(907) 479-7477

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

GENERAL AREA



NOAA FORM 24-13

B. SCIENTIFIC CONTENT

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
STANDARD CURRENT METER DATA FIELDS FOR TYPE 015 NOTE - NO SALINITY		AANDERAA RECORDING CURRENT METERS (MODEL 4)	THESE DATA WERE TAKEN IN VERY SHALLOW ARCTIC WATERS IN SUMMER. EXTREME VARIATIONS IN TEMPERATURE AND CONDUCTIVITY WERE OBSERVED. IN ORDER NOT TO ALIAS THESE DATA, NO EDITING OR SMOOTHING TECHNIQUES HAVE BEEN APPLIED.	
NOTE **	AANDERAA RCM4 2211 NOT RECOVERED DURING THE FIELD SEASON. NO DATA FOR THIS METER WILL BE REPORTED.			

NOAA FORM 24-13

B. SCIENTIFIC CONTENT

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

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

RECORD TYPES "1", "2", & "3" WERE USED IN OCSEAP FORMAT 015

(TAPE DUMP ATTACHED FOR FURTHER REFERENCE)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

THE DATA ARE SEQUENCED IN THE SAME MANNER AS THE FORMAT — RECORD TYPE 1, RECORD TYPE 2, RECORD TYPE 3.

*NOTE - NO DATA FILE FOR RCM4 2211 IS INCLUDED DUE TO LOSS OF METER DURING THE FIELD SEASON.

3. ATTRIBUTES AS EXPRESSED IN ☐ PL-1 ☐ ALGOL ☐ COBOL ☐ FORTRAN ☐ N/A LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:
NAME AND PHONE NUMBER EILEEN HEAD (907) 479-3521
ADDRESS 4010 BIRCH LANE, FAIRBANKS, ALASKA 99701

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE
☐ BCD ☐ BINARY
☐ ASCII ☒ EBCDIC
☐ _____

6. NUMBER OF TRACKS (CHANNELS)
☐ SEVEN
☒ NINE
☐ _____

7. PARITY
☒ ODD
☐ EVEN

8. DENSITY
☐ 200 BPI ☒ 1600 BPI
☐ 556 BPI
☐ 800 BPI
☐ _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN) ☐ 3/4 INCH
☐ _____

10. END OF FILE MARK
☒ OCTAL 17
☐ _____

11. PASTE-ON-PAPER LABEL DESCRIPTION *(INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)*
RU 526 015
FILE 1) 2169 1
FILE 2) 2257 1
AUG 77 TO SEPT 77
EBCDIC, FIX LENGH REC (60), ODD PARITY
1600 BPI, (NO LABELS, NO SERIAL #)

12. PHYSICAL BLOCK LENGTH IN BYTES
60

13. LENGTH OF BYTES IN BITS
8

NOAA FORM 24-13

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.

PARAMETER CHECK LIST

23 MAY 79

PROJECT OFFICE-ALL

RU-526

FILE TYPE 015-CURRENT METER

RT	NAME OF FIELD	RU 526	Check Parameters to be Submitted	Ranges minimum	Ranges maximum
X	FILE IDENTIFIER	X	✓	000001	999999
X	RECORD TYPE	X	✓	1	3
X	METER NUMBER	X		0000	9999
1	TEXT	X			
1	SEQUENCE NUMBER	X	✓	0	1000
2	LATITUDE	X	✓	700000	710000
2	LONGITUDE	X	✓	1450000	1510000
2	DEPTH TO BOTTOM	X	✓	00	50.
2	DEPTH CURRENT METER	X	✓	00.0	50.
2	METER USAGE SEQ #	X	✓	00	99
2	INSTITUTION CODE	X	✓	17	17
2	AXIS ROTATION	X	✓	30	30
2	LOCATION NAME	X	✓	Beauft	Beauft
2	NO. DETAIL RECORDS	X	✓	0	15,000
3	YEAR/MONTH/DAY	X	✓	77/7/1	80/12/1
3	TIME	X	✓	0	24:00
3	E-W CURRENT COMP	X	✓	0	200
3	N-S CURRENT COMP	X	✓	0	200
3	CURRENT COMP. TEMP				
3	PRESSURE	X	✓	0	9999.99
3	CONDUCTIVITY	X	✓	0	100.00
3	SEQUENCE NUMBER	X	✓	0	15,000

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		
STANDARD FOR RECORD TYPE 1, 2 AND 3 (SEE ATTACHED PARAMETER CHECK LIST FOR FURTHER REFERENCE)					

NOAA FORM 24-13

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		

NOAA FORM 24-18

80.0055

17 February 1983

To: E/OC12 - Bob Stone

From: E/OC13 - Sid Halminski

Subject: Processing FTP 015 Current Meter Data

Here are some old FTP 015 current meter data (TR5596 - TR5597) that I have been trying to resolve for some time with OMPA staff and the PI. Not much help was offered during the past few years. The data was given to us unedited and show a number of bad values caused by a malfunction in the buoy digitizer. I made a note in the DDF indicating that a current meter sensor and digitizer were working improperly. Correspondence on the subject are in the folder.

I went through 10,005 records and came up with 1,308 records that require editing. A number of records (388) can be wiped out completely. I also made a red line through every record that should be deleted. A sequence number identifies each record so that editing is made easier. Individual parameter fields, that have questionable values, are circled in red and should be deleted.

Please continue the editing process, and when complete make only one check run for the folder.

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 80-0055

1) File Type: 015

2) Project Ident.: OCSEAP

3) Track Nos.: 5596-5597

I. Error Corrections as reported to Principal Investigator:

Error	Correction Completed (Check)
See Corrections sheet	

II. Additional error corrections:

Error	Correction Completed (Check)

III. Processor Name: Cliff Hartley

4/3/80

TAPE ASSIGNMENT SHEET

ACCESSION NO: 80-0055

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	WØ159 6170	NL	60	60	F	10049
DUPLICATE						10049
REFORMATTED						
FIRST USER						
FINAL USER						

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

ACCESSION/TRACK NO.:

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR							
DUPLICATE							
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE	DN00C*.DATA.F015T5596						10049
EDITED DISK FILE							8733

DN00C*.MP075.T5596/F015

DATA SET FILE SHEET

AREA FOR/TRACK

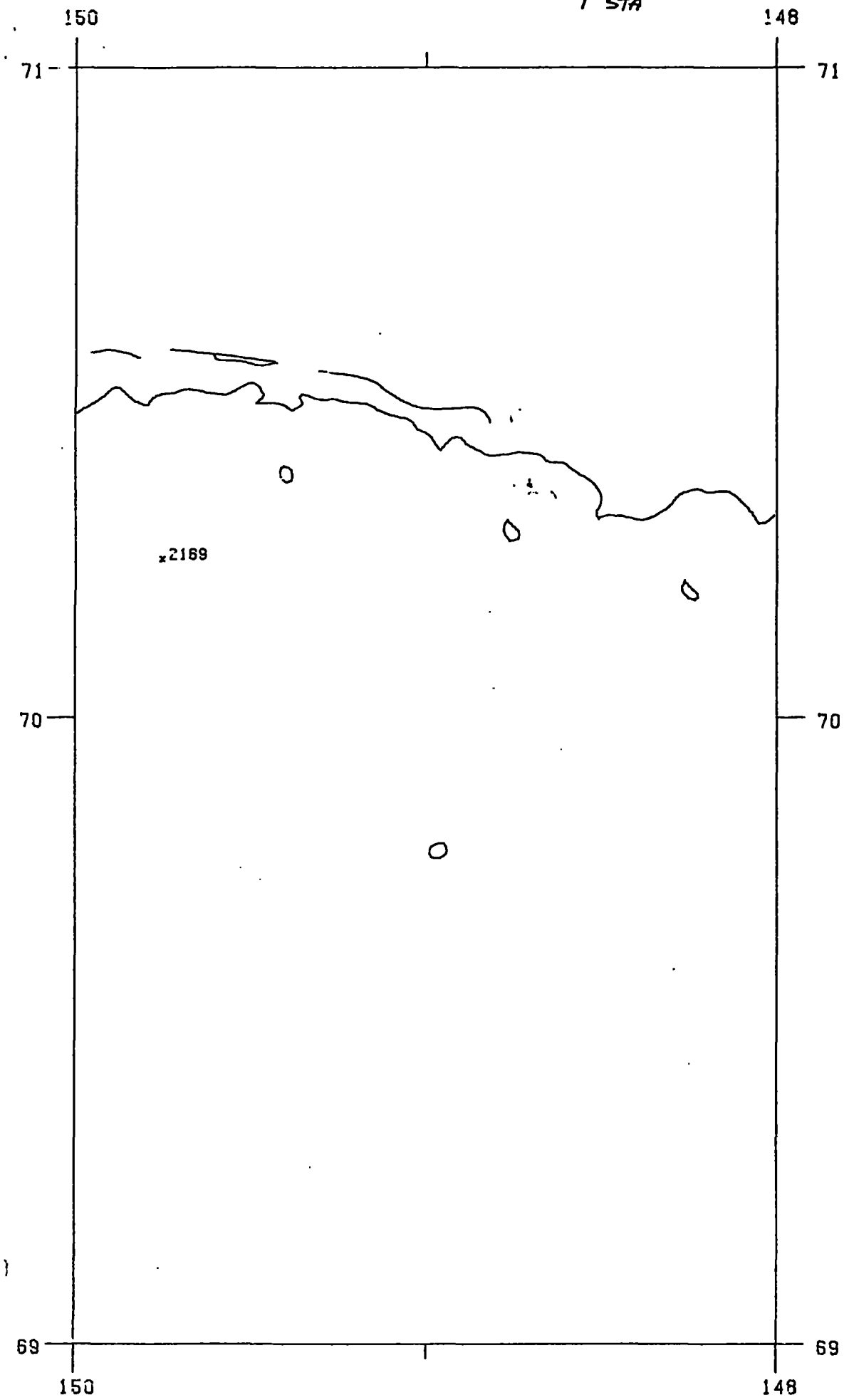
Step	Completion Date/Init.		Tape # or USR	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #			6170	1		60	10,049
QUAD1/SCAN TAPE #			6170				
ASSIGNED FOR PROCESS.							
~~DOT EVALUATION~~ tape to disk	April 1980	CMH					10,049
QUALITY REVIEW							
PRELIMINARY DATA SORT							
PRELIMINARY MULCHEK	April 1980	CMH					10,049
FIRST USER TAPE #							
WORK DISK FILE	April 1980	CMH					10,049
FINAL USER TAPE #							
FINAL MULCHEK	03/03/83	CMH					8733
EDITED DISK FILE	03/03/83	CMH					8733
DATA SET "FINALIZED"							

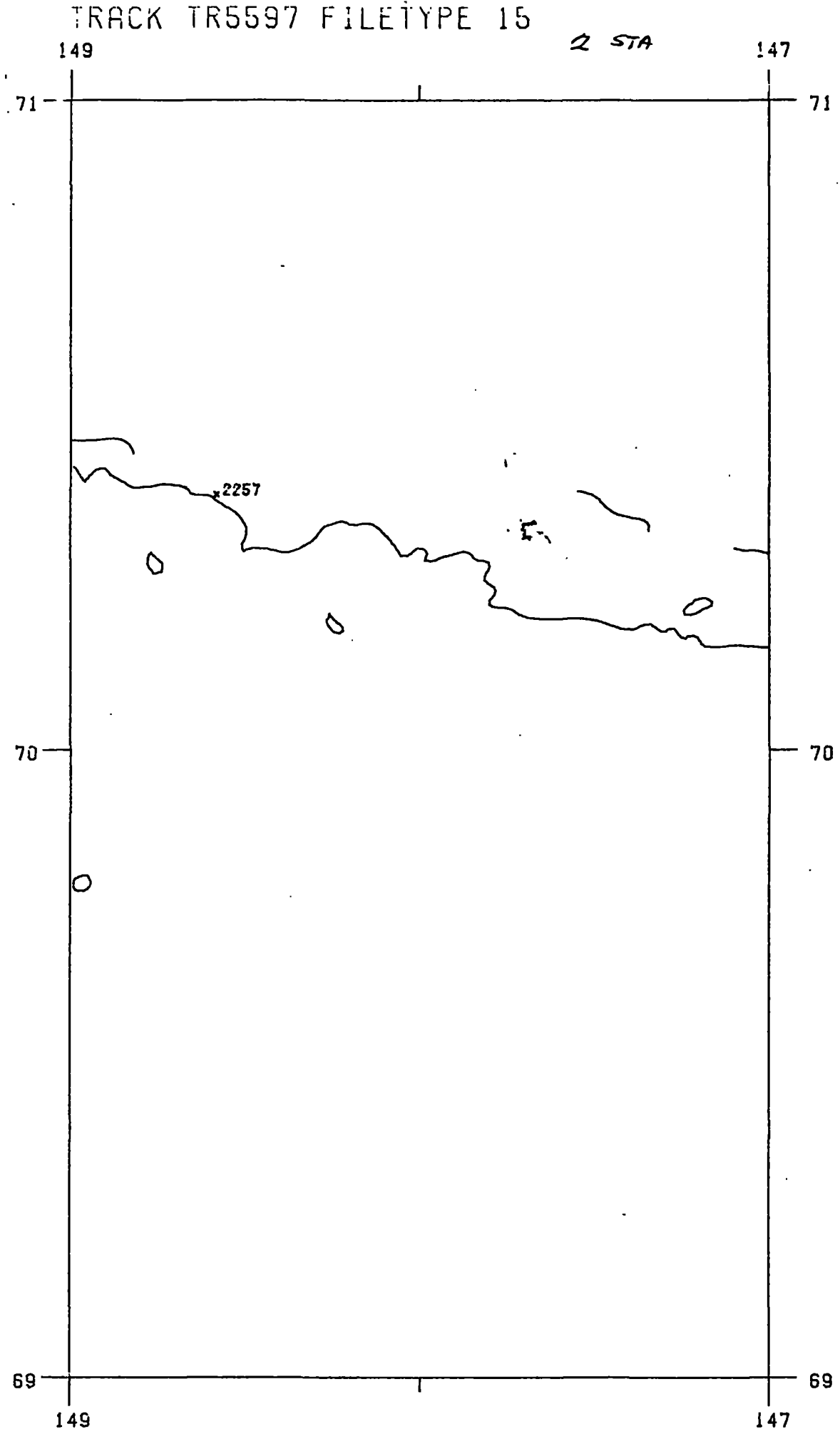
Corrections 80-0055

① TR5596 Mastermind '2' station 2169
7015[illegible]0N/1475bbW to 703400N/1494800W

② TR5597 Mastermind '2' station 2257
'1024b0N/1483560W to 702400N/1483500W

③ Several records had extreme high + low values in the current, temperature, pressure and conductivity fields. These data are questionable. See Halminski's letter 17 Feb '83.
1,316 records deleted.


TRACK TR5596 FILETYPE 15
1 STA
150
148
71
71
x2169
70
70
69
69
150
148


TRACK TR5597 FILETYPE 15
2 STA
149
147
71
71
2257
70
70
69
69
149
147

GEOPHYSICAL INSTITUTE
C. T. ELVEY BUILDING
UNIVERSITY OF ALASKA
FAIRBANKS, ALASKA 99701

RU 526

FT 015

TR 5596-5597

6 March 1980

Mr. J. J. Audet, Jr.
NODC/OCSEAP Data Coordinator
NODC Page Building #1
2001 Wisconsin Avenue, NW
Washington,
D. C. 20235

Dear Mr. Audet,

Please find enclosed a data tape (#WØ519), a tape dump and the Data Documentation Form for data collected during 1977 under OCSEAP R.U. 526. The tape contains data from two current meters deployed during the August - September 1977 field season (File ID 2169 1 and File ID 2257 1). In the Data Documentation Form a third meter (File ID 2211 1) is reported which was not recovered during this field season (no data will be reported from this meter).

Yours sincerely,

J. B. Matthews
Principal Investigator on OCSEAP R.U. 526

c.c. Toni Johnson
Data Tracker, Arctic Project Office

UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
ENVIRONMENTAL DATA AND INFORMATION SERVICE
Washington, D.C. 20235

RU 526

NATIONAL OCEANOGRAPHIC DATA CENTER

December 1, 1980 OA/D781/SH

Dr. J. B. Matthews
University of Alaska
506 C.T. Elvey Bldg.
Fairbanks, AK 99701

Dear Dr. Matthews:

Enclosed please find our check program results, station plots, and pre-inventory information for RU 526, File Type 015 (current meter data) for File ID's 2160-1 and 2257-1. These correspond to NODC Track Numbers 5596 and 5597, respectively.

The flagged parameters on the check runs should be checked and/or verified. To assist you in the checking, I have listed the problem areas below:

1. TR 5596 (FID 2169-1) meter no. 2169.

   a. Value of conductivity may be correct but exceeds our maximum range of 55.00.

   b. Meter location is over land as shown on the QUADI plot. Should this be approximately: latitude 70° 33' per your Annual Report of March 31, 1978 in figure 1?

2. TR 5597 (FID 2257-1) meter no. 2257.

   a. There are many conductivity values that are below and a few above our range limits. Many, if not all, are perhaps valid but please verify these cases.

   b. In the pressure DB field, a number of reports are below our low range of 0.1 DB and some are with a negative sign. The negative sign is considered an invalid entry for pressure.

   c. A number of temperatures are just below our -2.000°C low range. These are perhaps correct but please verify.

If you have any questions on the check run results please do not hesitate to write or call me at (202) 634-7441. In the meantime, I will place the above data in a 'hold' processing status until I hear from you. We appreciate and thank you for your cooperation and submission of OCSEAP data.

Sincerely yours,

Sid Halminski
NODC OCSEAP Data Processing Coordinator

Enclosures: QUADI Plots
Check Run

cc: W. Fischer
M. Crane
T. Johnson

25 February 1981

Mr. Sid Halminski
NODC OCSEAP Data Processing Coordinator
National Oceanographic Data Center
Environmental Data and Information Service
Washington, D.C. 20235

Dear Mr. Halminski,

I am sorry for the delay in answering your letter of December 1, 1980. Dr. Matthews was on vacation in December and January, and our programmer was out of state in February.

All of the meter data sent to NODC by us is unedited. The only work we have done on any of the files is to align the channels, and edit out the information on the tape before the meters were put in the water. Any information you have received is the unaltered information we got from the field. Any points that seem unreasonable or invalid will have to be handled as you see fit. We have used this procedure because the nearshore Arctic waters are very dynamic, especially in summer. Brackish (<10‰), warm (>6° C) water moves past our instruments with saline (>30‰), cold (<0° C) following in less time separation than our 20 minutes sampling interval. Thus, separating good data from bad becomes quite subjective and depends on the experience of the person using the data.

The latitudinal information for current meter 2169 seems to be a typographical error. Our field information says the point is 70°34'. Thank you for pointing this out.

I hope this helps you deal with the information.

Sincerely,

Constance R. Espe

Constance R. Espe
Assitant to J. B. Matthews

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Geophysical Institute, C.T. Elvey Building, University of Alaska, Fairbanks, Alaska 99701
PHONE: 907-479-7282 TELEX: 35414 GEOPH INST SBK

UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
ENVIRONMENTAL DATA AND INFORMATION SERVICE
Washington, D.C. 20235

NATIONAL OCEANOGRAPHIC DATA CENTER

April 20, 1981 OA/D781/SJH RU 526

Ms. Constance R. Espe
University of Alaska
506 C.T. Elvey Building
Fairbanks, AK 99701

Dear Ms. Espe:

Thank you for your reply of February 25, 1981 in regard to our problems with FTP 015 Current Meter, File ID's 2169-1 and 2257-1.

I reviewed Dr. Matthew's (RU 526) report "Characterization of the Nearshore Hydrodynamics of an Arctic Barrier Island-Lagoon System" in the OCSEAP Annual Reports of PI's for the year ending March 1978, Volume X: Transport (NOAA - BLM). The report states that the current speed sensor in FID 2169-1 data stopped after 5 hours and that after two days large amounts of bad data were recorded. The report also states that in FID 2257-1, good data was recorded for 34 days but the only problem with these data was a digitizer malfunction at 12-sample intervals. A time-series listing of these data (see enclosure) shows this to be true at the beginning but the problem appeared to be more frequent at 7-sample intervals towards the end of the period.

In order to save as much data as possible and insure that what is left are good data, I have enclosed an edited listing of your FTP 015 data with notes on one side and request that you verify the same. I am not sure of some temperature, pressure and conductivity changes in FID 2169-1. In FID 2257-1 I indicated that 1044 records out of 9711 records have errors. A considerable number of these records may be completely deleted. There is no need to return the enclosed listing to me if only a few changes are made since I have a duplicate copy. A letter listing your corrections should suffice.

If you have any questions concerning the data please call me at (202) 634-7441.

Sincerely yours,

Sid Halminski
NODC OCSEAP Data Processing
Coordinator

Enclosure

cc: W. Fischer
D. Dale
M. Crane

28 April 1981

Mr. Sid Halminski
NODC OCSEAP Data Processing Coordinator
NOAA Environmental Data and Information Service
National Oceanographic Data Center
Washington, D.C. 20235

Dear Mr. Halminski,

I received your letter and enclosed printout of FTP 015 current meters 2169-1 and 2257-1. As Dr. Matthews understands it, our contract with NODC is for unedited data. The questions you are asking will bias the data, making it less useful for other scientists.

For meter 2169-1, when we edited the data, we removed all samples before sample #60. There is no reason to assume that the currents are bad, and they may be reasonable when compared with other data from this area, such as winds. From sample #125 on, you noted large temperature changes. Large temperature fluctuations are possible in this area in August, and the temperatures may be valid, if there is a corresponding change in the conductivity. I cannot caution you strongly enough, that this editing is subjective. If there is doubt about a sample, it should be left unaltered, so that further editing may be done by another scientist. The data from this meter was quite stable, and there is no reason to assume that any samples are bad.

For current meter 2257-1, the data is less stable. I looked at the data line by line for the first 2000 samples, to verify them, and after that, I checked every 200-300 samples. All of the data on your printout were what we have in our unedited listing. The data in our listing also became more erratic, with bad data at 7-sample intervals.

I hope that this information helps you. If you have any further questions, please call me at (907) 479-7477.

Sincerely,

Constance R. Espe

Constance R. Espe
Assitant to J. B. Matthews

cre

Geophysical Institute, C.T. Elvey Building, University of Alaska, Fairbanks, Alaska 99701
PHONE: 907-479-7282 TELEX: 35414 GEOPH INST FBK

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration

5/12/81

To : Tony
Elaine
Jim

From: Sid

Tom & Dean
telecon 7/14/81

This is the 2nd response from RU 526 offering very little help in editing FT 015. The attached study report is also of little help. I intend to write Dean and send sample copies of the data listing with my notes (attached). It appears that the PI does not want to edit the data regardless of what condition they are in and that if NODC wants to do it so be it --- the result will be biased data. I will tell Dean that the only data we will delete will be those records in FID 2257-1 where the pressures and conductivity values are found inconsistent at about 7-sample intervals.

We can also tell Dean that we could refuse to accept the data as is and send it back to the PI. since it ~~will not~~ cannot be entered on the master tapes w/ the errors noted.

Some PIs are still not getting the word from the Project Office that their data may be used to answer requests from other users of the data base and are not just stored in an archive and ignored!

S.

TRANSMITTAL FORM CD-82A (10-67)
PRESCRIBED BY DAO 214-2

☆U.S.GPO:1978-0-765-092/1241

UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
ENVIRONMENTAL DATA AND INFORMATION SERVICE
Washington, D.C. 20235
National Oceanographic Data Center

August 27, 1981 OA/D781/SJH

TO: RD/MPF24 - Dean Dale

FROM: OA/D781 - Sid Halminski

SUBJECT: File Type 015 Current Meter Data TR5596-TR5597 from RU526

I have enclosed a partial listing, about 2,000 records, of FTP 015 current meter data from Dr. Matthews, RU526. These are File ID's 2169-1 and 2257-1 corresponding to NODC track numbers TR5596 and TR5597, respectively. The data are the ones we discussed with Toni Johnson by telephone on July 14, 1981. I have also enclosed copies of past correspondence with RU526 so that some background information can be easily digested. Also included is a copy of the DDF. Some of my problems have been resolved, but not as many as I would like.

The problem in editing this data at NODC is that I could not get specific answers from Ms. Espe. In her first letter of February 25, 1981, no help in response to my specific problems was received except for the information on corrected latitude. Nothing was said about problems with buoy 2169-1 or a digitizer malfunction in buoy 2257-1. These problems were noted later when I wrote my second letter. At that time, I located RU526's report in the published OCSEAP Annual Report in which the buoy problems were described. Not much was said in the DDF. I brought this to her attention in my second letter.

In my second letter I attached a complete listing of 338 records for FID 2169-1 and 9,711 records for FID 2257-1. In that listing some 1,044 records were annotated by hand with written comments on deleting specific records and or parameters. Ms. Espe's response to my second letter was again, not very straight forward. She mentioned that bad data did exist at every 7-sample interval but did not say to delete the entire record or a portion of the record. I had thought that she would have taken each record that I had marked and said "yes, delete" or "do not delete".

On the enclosed partial listing, I again have made comments to show what records I believe appear bad. If you feel we are on the right track and that RU526 will not be able to do the editing, please let me know and we will final edit the data the best we can.

I must apologize to you and Toni for this long delay in responding to your request for a partial listing and comments on this data. Fiscal year planning, other data checks to complete and meeting product display requests seemed to take over -- and yet I wanted to get this problem resolved as soon as possible.

Enclosure

cc: W. Fischer
M. Crane
T. Johnson (w/enclosure)

```
Password:
 accNo   fleA refNo  proj inst ship    startDate  cruise   catId
 ------- ---- ------ ---- ---- ------- ---------- -------- ----------
 8000055 F015 TR5596 0081 31C1 317F    1977/08/08 2169-1       311515
 8000055 F015 TR5597 0081 31C1 317F    1977/08/13 2257-1       311516

(2 rows affected)
```

```
Password:
 accNo   fleA refNo  ship staCnt recCnt startDate  endDate
 ------- ---- ------ ---- ------ ------ ---------- ----------
 8000055 F015 TR5596 317F 1      79     77/08/08   77/08/08
 8000055 F015 TR5597 317F 2      8654   77/08/13   77/09/01

(2 rows affected)
```