

========	======	=====	=====	=====	=====		=======			=====
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NUMBER	NUMBER	TYPE	CODE			NO	START	END	STA	REC
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9000278	319979	C022		31F4	3102	TV5753	09/03/89	09/03/89	2	44
9000278	319980	C022		31F4	3102	TV5754		10/06/89	18	249
=========	=======	=====	=====	=====	=====		========	=========	========	=====

MULDARS TRACK #

319978

TV5752

MONITOR: CONTACT

Strank

LOCATION OF F022 SOURCE

Archives (TV5752)

RECORD ALL ERRORS FOUND

CONSEC(S)	ER	RRORS FOUND
	One tenth hour added.	to Suplicate Times, as follows:
27	058 to	059
28		060 Changes
29 .	V	061 Trot made
30	059	062 jun F022
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49 :	198	199 1.121
50		200/ 10/24/91
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3/9980

MONITOR: CONTACT
M. LEWIS

ARCHIVES

RECORD ALL ERRORS FOUND

CONSEC(S)	ERRORS FOUND
	NONE

9000	,	C Ø	• • •	APE OR . ISK DSN	NO. FILE		BLK SIZE	NO. RECORDS
	12/10/90	Cu to	A01325		15	5	e bolow	
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D TAPE	2-14-91	R.P.S.	W1579	3 **		120	12000	949
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·! "AL 1 Z.ED								
ORTED TO PRI	INCIPAL INVE	STIGATOR:	Both topo	A01325	1271	755 is	9TKK, N	L, Kospp.
	Tapa	13'25 and	Files 1-10, Files 11-13,	LRECL=60,	BLKSIZ BLKSIZE	E=120	00	
		11755		LRECL= 12				

TRACKS DELETED, FIELDS DELETED, ETC.)

Submit Date Phone # Org/Task Due Date User Name 673-5636 EG1200 8NSAH9 12/21/90 PART A Request/Problem Category [] Communications [] Equipment [] Supplies [] General Info [] Tape Library Computer Operation: 1 Software 1) Other Specific m quest/Problem Descriptions PART E (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? \Join yes [] no Disk to Tape Copy Scan OUTPUT tape? [] yes [] no Tape to Tape Copy 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 Please send Witape to Ashwille, NC Tape A\$1325 files 1-10, LRECL=60, BLKSIZE=12000 files 11-13, LRECL=50, BIKSIZE=12000 files 14-15, LRECL=120, BIKSIZE : 12000 Id#/Filename: A\$\phi\$13251 INPUT JOB Medium: Tape [] Disk [] Diskette [] Other Specify: Code: ASCII [] EBCDIC [] Binary [] Other Specify: Tape Specs: M 800 [] 1600 [] 6250 M NL [] SL __ MAX Blocksize: 12 000 MAX Record Length: ____ JOB OUTPUT Id#/Filename: Medium: [X Tape [] Disk [] Diskette [] Other Specify: Code: ASCII [] EBCDIC [] Binary [] Other Specify: Specs: [] 800 D 1600 [] 6250 NI [] SL Record Length: _____ MAX Blocksize: _____ O O (OC3 Use Only) Date/Time Start: 1-3-9/11:30 JOB Number: 92122602 Completed By: Date/Time Completed:

CHANDAL VARIE OF TABLE THE CHAS

User Name Phone # Org/Task Submit Date Due 1 CLIP Harring 673-5636 EG1200813HH1 12/07/90 AS	ate
Cliff Hartley 613-3636 EG1200813HH1 12/07/90 AS	
	tV_
PART A	
Request/Problem Category	•
[] General Info [] Communications [] Equipment [] Supple [] Software [] Tape Library [Computer Operations [] Other Specify:	ies
Please scm tape A\$1325	
PART E (For Operator Job Requests)	
Operator Job Request Type	
[] Run BRBUOY procedure Name: [] Run SELBUOY procedure Name: [] Run BUOYSUM procedure Name: [] Run BUOYSUM procedure Name: [] 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	
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JOB OUTPUT Id#/Filename: 井中1325	
Medium: [Tape [] Disk [] Diskette [] Other Specify: Specs: 800 [] 1600 [] 6250 [] ML [] SL MAX Record Length: MAX Blocksize: 2 0 0 0	
Tocs U.A only) JOB Number: $94/2/145$ Completed By: Date/Time Start: $12-12-90/33$ Date/Time Completed: $12-12-90/33$	30

TRANSMITTAL AND RECEIPT RECORD

(Please sign and return carbon copy acknowledging receipt)

-			
	Notional Occamographic Data C	REFER TO	•
1	National Oceanographic Data C 1825 Connecticut Ave., NW Washington, D.C. 20235	Dr. Anthony Piccio	lo
THE IT	TEM(S) LISTED BELOW WERE FORWARDED TO YOU BY	1	
		CERTIFIED GOVERNMENT BY HAND MAIL TRUCK	OTHER
	The enclosed reel of magnetic	tape contains the following	data
	in a modifier files 11-13 bottom pression file 14 CTD data FT-File 15 Current prof	er data FT-015 format. com the current mooring array ed FT-015 format. sure data FT-017 format.	
	These data are being submitted requirements.	ed by EG&G per NOAA contractua	11
	block sizes depend or b. Originator supplied of c. Sample dumps of files this office. d. Copies of corresponde	documentation. 1. 2. 11, and 15 as produced 2. 4 4000 2 18	l by
	cc: Bruce Andrews Mike Crane	1325 RECEIVED DEC 03 199 260	150
FORWA	ARDED BY (Signature)	ITLE	DATE FORWARDED
	G. Heimerdinger	NODC Service Center Rep.	11/27/90
2		ITLE	DATE RECEIVED
			L



OCEANOGRAPHIC SERVICES

237 Riverview Avenue, Waltham, Massachusetts 02154 • Tel (617) 891-7204 Fax (617) 891-5488

November 21, 1990

Mr. George Heimerdinger National Oceanographic Data Center Northeast Liaison Office Woods Hole Oceanographic Institution McLean Laboratory Woods Hole, MA 02543

Subject: Data Transmittal Problems

Dear George:

I received our Port Moller, Alaska data tape back and have been able to read the files which you were having problems with, namely one and fourteen. Since I don't know what the problem is and you have been able to read our tapes in the past, I am sending you another copy with the same format and file structure.

Please let me know if you have problems reading this one.

Sincerely,

EG&G WASC Oceanographic Services

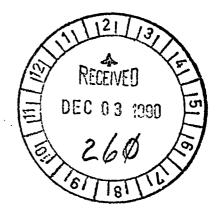
J. Bruce Andrews

Enclosure: 1 Data Tape

cc: C.Barton/WASC Contracts

C. Greengrove

BB7 File





UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL ENVIRONMENTAL SATELLITE, DATA,
AND INFORMATION SERVICE
WARRAN DEVICES
NODC Service Center

Woods Hole Oceanographic Inst. Woods Hole, MA 02543

November 13, 1990

Mr. Bruce Andrews
EG&G Washington Analytical
Service Center, Inc.
237 Riverview Ave.
Waltham, MA 02154

Dear Bruce:

Per our telephone call last week concerning the Port Moller, Alaska data tape, I have cleaned the tape and still can not read files one and fourteen. As a result, I am returning the tape for correction. I have only tested files one, two, eleven and fourteen so there may be more bad files, two and eleven are readable.

Sincerely,

George Heimerdinger

Enclosure: 1 Data Tape

Copy of Original Letter & Tape Documentation



JEGEG WASHINGTON ANALYTICAL SERVICES CENTER, INC.

OCEANOGRAPHIC SERVICES

237 Riverview Avenue, Waltham, Massachusetts 02154 • Tel (617) 891-7204 Fax (617) 891-5488

October 31, 1990

Mr. George Heimerdinger National Oceanographic Data Center Northeast Liason Office Woods Hole Oceanographic Institution McLean Laboratory Woods Hole, MA 02543

Subject: Data Transmittal

Reference: Physical Oceanography of Port Moller, Alaska

U.S. Dept. of Commerce NOAA Contract No. 50ABNC800117

Dear George:

With this letter please find one (1) 9-track magnetic data tape containing all the data collected as required under the reference contract. Also enclosed is documentation of the tape's contents.

Please do not hesitate to call Mr. Bruce Andrews at this office if you have any questions or need more information.

Sincerely,

EG&G WASC, Oceanographic Services

Cheryl L. Greengrove, Ph.D.

Enclosure: 1 Data Tape

Tape Documentation

cc: L. Jarvela/NOAA

C. Barton/WASC Contracts

B. Andrews BB7 File

Tape Documentation

The data are provided on an unlabeled, ASCII tape written at 6250-bpi. There are a total of 15 files on the tape, a listing of which follows. Files 1-8 contain current meter data in NODC file type 015 format. Files 9-10 contain meterological station data in an EG&G modification to file type 015 format. The format of the additional record type is enclosed. Bottom pressure gauge data are contained in files 11-13 in NODC file type 017 format. Temperature and salinity profile data are contained in file 14 in NODC type 022 format. File 15 contains current profile data in an EG&G modification to file type 022. The format of this new record type is also enclosed.

. .

1,421

1787 records (length = 60, blocking factor = 200) of "nodc_f015_dsn409761" written to tape file #1.

1787 records (length = 60, blocking factor = 200) of "nodc_f015_dsn409762" written to tape file #2.

2295 records (length = 60, blocking factor = 200) of "nodc_f015_dsn409763" written to tape file #3.

1368 records (length = 60, blocking factor = 200) of "nodc_f015_dsn409764" written to tape file #4.

3071 records (length = 60, blocking factor = 200) of "nodc_f015_dsn409765" written to tape file #5.

2898 records (length = 60, blocking factor = 200) of "nodc_f015_dsn409766" written to tape file #6.

2896 records (length = 60, blocking factor = 200) of "nodc_f015_dsn409767" written to tape file #7.

1825 records (length = 60, blocking factor = 200) of "nodc_f015_dsn409778" written to tape file #8.

925 records (length = 60, blocking factor = 200) of "nodc_f015_dsn409770" written to tape file #9.

3201 records (length = 60, blocking factor = 200) of "nodc_f017_dsn409770" written to tape file #10.

1788 records (length = 50, blocking factor = 240) of "nodc_f017_dsn409768" written to tape file #11.

3191 records (length = 50, blocking factor = 240) of "nodc_f017_dsn409769" written to tape file #12.

1267 records (length = 50, blocking factor = 240) of "nodc_f017_dsn409779" written to tape file #13.

1122 records (length = 120, blocking factor = 100) of "nodc_f022_ptmoll_ts" written to tape file #14.

****	****	******	***	****	****	****	*****	****
****	EG&G	addition	to	NODC	File	015	format	****
****	new	record t	ype	for	wind,	air	temp,	****
****	and	barometr	ic ;	oress	ure da	ata		****
****	****	*****	***	****	****	***	*****	****

PARAMETER	DESCRIPTION /	<u>SC</u>
DETAIL RECORD 3	ALWAYS '5	10
METER NUMBER	SEE RECORD '1'	11
DATE (GMT)	YYMMDD	16
TIME (GMT)	XXXXXX (HOURS, MINUTES TO HUNDREDTHS)	22
EAST-WEST WIND COMPONENT (U)	XXXXXX - M/SEC TO HUNDREDTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTIONS TOWARD	28
NORTH-SOUTH WIND COMPONENT (V)	XXXXXX - M/SEC TO HUNDREDTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTIONS TOWARD	34
AIR TEMPERATURE	XXXXX WITH NEGATIVE TEMPERATURES PRECEDED BY MINUS SIGN (DEG C TO TENTHS)	40
BAROMETRIC PRESSURE	XXXXX (MILLIBARS TO TENTHS)	45
WIND GUST SPEED	XXXXX M/SEC TO HUNDREDTHS	50
SEQUENCE NUMBER	XXXXXX - USED FOR SORTING DATA RECORDS	55

****	*************	
****	EG&G addition to NODC File 022 format *****	
****	new record type for current profile data *****	

•		
ETER	DESCRIPTION	

PARAMETER	DESCRIPTION	<u>sc</u>
DETAIL RECORD 7	ALWAYS /9'	10
CAST NUMBER	SEE RECORD '1'	11
PRESSURE CDECIBERS)	XXXXX (TO TENTHS)	16
NORTH-SOUTH CURRENT COMPONENT (V)	XXXXX - CM/SEC TO TENTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTIONS TOWARD	21
EAST-WEST CURRENT COMPONENT (U)	XXXXX - CM/SEC TO TENTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTIONS TOWARD	26
BLANKS		31
SCAN CONDITION	ONE-CHARACTER CODE INDICATING METHOD OF SCANNING DATA - USE CODE 0080	35
PRESSURE	XXXXX (TO TENTHS)	36
NORTH-SOUTH CURRENT COMPONENT (V)	XXXXX - CM/SEC TO TENTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTIONS TOWARD	41
EAST-WEST CURRENT COMPONENT (U)	XXXXX - CM/SEC TO TENTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTIONS TOWARD	46
BLANKS		51
SCAN CONDITION	ONE-CHARACTER CODE INDICATING METHOD OF	55

PRESSURE	xxxxx	56
NORTH-SOUTH CURRENT COMPONENT (V)	XXXXX - CM/SEC TO TENTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTIONS TOWARD	61
EAST-WEST CURRENT COMPONENT (U)	XXXXX - CM/SEC TO TENTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTIONS TOWARD	66
BLANKS		7.1
SCAN CONDITION	ONE-CHARACTER CODE INDICATING METHOD OF SCANNING DATA - USE CODE 0080	75
PRESSURE	XXXXX	76
NORTH-SOUTH CURRENT COMPONENT (V)	XXXXX - CM/SEC TO TENTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTIONS TOWARD	81
EAST-WEST CURRENT COMPONENT (U)	XXXXX - CM/SEC TO TENTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTIONS TOWARD	86
BLANKS		91
SCAN CONDITION	ONE-CHARACTER CODE INDICATING METHOD OF SCANNING DATA - USE CODE 0080	95
PRESSURE	xxxxx	96
NORTH-SOUTH CURRENT COMPONENT (V)	XXXXX - CM/SEC TO TENTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTIONS TOWARD	10
EAST-WEST CURRENT COMPONENT (U)	XXXXX - CM/SEC TO TENTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTIONS TOWARD	10

BLANKS		111
SCAN CONDITION	ONE-CHARACTER CODE INDICATING METHOD OF SCANNING DATA - USE CODE 0080	1.15
SEQUENCE NUMBER	XXXXXX - USED FOR SORTING DATA RECORDS	1.16

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ACC	ESS REF	FILE	PROJ	INST	PLAT	CRUISE	CRUISE	CRUISE	NUM	NUM
NUM		R TYPE				NO	START	END	STA	REC
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900	0278 TV575	2 F022		31F4	3102		05/23/89	05/25/89	53	656
900	0278 TV575	3 F022		31F4	3102		09/03/89	09/03/89	2	44
900	0278 TV575	4 F022		31F4	3102		10/05/89		18	249
				J 11 4			10,00,00			

710.	FILETYP	Ε	TRACK 0.		IDENTIF	IDENTIFICATION				
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	F	022	TAPE	- 3 +	. 40		•			
	DATE	INIT.	DISK		NO. FILES	LRECL	BLK SIZE	NO. RECORDS		
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TAPE	0/08/91	Cut	W11.755		15		1			
ID TAPE	2-14-91	R.P.S.	W 15793	* *	1	120	12000	949		
eo olsk -			1	,			1			
CHEK				·						
CHEK				اسيمينيميون افروان الأمارات المييه						
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OUTED TO PE	RINCIPAL INVES	STIGATOR.	Both topes	4013250	W1175	55 is	9TRK, N	L, Kooppi		
	MINGIING IMAL.									
	Tape	es /	Files 1-10, LR	ECL=60,	BLKSIZE	=1200				
		13'25 and	Files 11-13, LA							
	· ·	11755	files 14-15, LA	RECL= 120	BLKSIZE	== 120	000			
ERRORS/CO	RRECTIONS (NO	T REPORTED T	10 P. I.)	······		-;	• • •			
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XX LABEL: DNODE * EGG CTDOUT.

PROJECT

User Name Cliff Hartley		Org/Task EG1260 &NSMH9	Submit Date 12 21 70	Due Date
W Benny	·	RT A		// ///
Request/Problem Ca	ategory			
[] General Info [] Software [] Other Section			Equipment [] Computer Opera	
Encount /Propiess De		AU 132	-	
116 a linear	1-1-	This Hotz		
Verso som	W Tape			
	P7.	RT I O	or Coerator Job Reques	str
Operator Job Reque	est Type			
[] Restore VAX fi	Tocedure Name Tocedure Name Cocedure - see SPEC Copy Scan OU Copy Scan OU Copy mn [] 132 column [records? [] yes [] n .le Name: IAL INSTRUCTIONS	E: IAL INSTRUCTIONS ITPUT tape? [A] ITPUT tape? [A]	yes [] no haracter ctions	ed list
Special Operator I	nstructions: V'tape to	Asheville, N	<u>_</u>	
Tape Ap1325 file	a 1-10, LREC	L=60, BLKSIZ	E=12000	
tila	a 11-13, LRECI	L=50, BIKSIZ	E=12000	
JOB INPUT	•	<i>L=120, BIKS</i> 12 #/Filename:	401325	(DD5585)
Medium: A Tape [] D Code: ASCII [] E Tape Specs: M 800 MAX Record Length: JOB OUTPU Medium: X Tape [] D Code: X ASCII [] E Tape Specs: [] 800 MAX Record Length:	isk [] Diskette [BCDIC [] Binary [[] 1600 [] 6250	Other Specify: Other Specify: NL [] SL MAX Blocksiz #/Filename:	ze: <u>12</u> <u>00</u>	,
JOB Number: 92/12 26 Completed By:	642 ₀₈	Date/Time Date/Time	e Start: 1-3-9//	11:30

·									
User Name	Phone # 673-5636	Org/Task EG120081/3/4/1/2 RT A	Submit Date	Due Date					
A THE WAY	PA	RT A	70.170	1 /1 ->/1/					
Request/Problem Category [] General Info [] Communications [] Equipment [] Supplies [] Software [] Tape Library [Computer Operations [] Other Specify:									
kequest/Problem De	escription:	_ A \$ 132	5						
1	PA	RT E (F	or Operator Job Reques	ts)					
Operator Job Reque	st 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 I	nstructions:	= A \$ 132	5 to Bin						
JOB INPUT	Id;	;/Filename:	井町1325						
. Lum: Piggape () o Code: 'M ASCII () EB Tape Specs: 'M 800 (MAX Record Length:	CDIC [] Binary [Other Specify: NL SL	e: <u>' 3</u> _ <u>-</u>	<u></u>					
JOB OUTPU	Z Id#	/Filename:	A\$1325						
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JOB Number: 94/2/19	p5 9.5	Date/Time Date/Time	Start: 12-12-90 Completed: ₁₂₋₁₂	0 13:30 -90 13:30					

TRANSMITTAL AND RECEIPT RECORD

(Please sign and return carbon copy acknowledging receipt)

TO:	REFER TO				
National Oceanographic Data Ctr.					
1825 Connecticut Ave., NW	ATTENTION				
Washington, D.C. 20235	Dr. Anthony Picciolo				
THE ITEM(S) LISTED BELOW WERE FORWARDED TO YOU BY					
ORDINARY RÉGISTERED AIR CERTI MAIL MAIL MAIL MAIL	FIED GOVERNMENT BY HAND OTHER TRUCK				

The enclosed reel of magnetic tape contains the following data sets from NOAA contract 50ABNC800117 Port Moller, Alaska:

current meter data FT-015 format. Files 1-8

wind data from the current mooring array Lev / Files 9-10 in a modified FT-015 format.

Files 11-13 bottom pressure data FT-017 format.

CTD data FT-022 format File 14

Current profiler data (discrete depths) from the File 15 CTD in a modified FT-022 format.

These data are being submitted by EG&G per NOAA contractual requirements.

- a.. One tape 9 track, 800bpi, ASCII, 15 files record and block sizes depend on the file type.
- b..Originator supplied documentation.
- c. Sample dumps of files 1, 2, 11, and 15 as produced by this office.
- d.. Copies of correspondence between this office and EG&G.

Act \$ 9000270

Bruce Andrews cc:

Mike Crane

TITLE DATE FORWARDED 11/27/90 NODC Service Center Rep. nger <u>Heimerd</u> RECEIVED BY (Signature TITLE DATE RECEIVED



OCEANOGRAPHIC SERVICES

237 Riverview Avenue, Waltham, Massachusetts 02154 • Tel (617) 891-7204 Fax (617) 891-5488

November 21, 1990

Mr. George Heimerdinger National Oceanographic Data Center Northeast Liaison Office Woods Hole Oceanographic Institution McLean Laboratory Woods Hole, MA 02543

Subject: Data Transmittal Problems

Dear George:

I received our Port Moller, Alaska data tape back and have been able to read the files which you were having problems with, namely one and fourteen. Since I don't know what the problem is and you have been able to read our tapes in the past, I am sending you another copy with the same format and file structure.

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EG&G WASC Oceanographic Services

J. Bruce Andrews

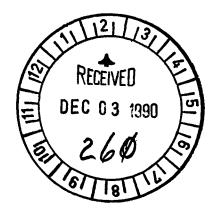
Enclosure: 1 Data Tape

cc: C.Barton/WASC Contracts

J. Bruce Andrews

C. Greengrove

BB7 File





UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL ENVIRONMENTAL SATELLITE, DATA,
AND INFORMATION SERVICE
WARRAGION, D.E.Y. 2023;
NODC Service Center

NODC Service Center Woods Hole Oceanographic Inst. Woods Hole, MA 02543

November 13, 1990

Mr. Bruce Andrews
EG&G Washington Analytical
Service Center, Inc.
237 Riverview Ave.
Waltham, MA 02154

Dear Bruce:

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Sincerely,

George Heimerdinger

Enclosure: 1 Data Tape

Copy of Original Letter & Tape Documentation





OCEANOGRAPHIC SERVICES

237 Riverview Avenue, Waltham, Massachusetts 02154 • Tel (617) 891-7204 Fax (617) 891-5488

October 31, 1990

Mr. George Heimerdinger National Oceanographic Data Center Northeast Liason Office Woods Hole Oceanographic Institution McLean Laboratory Woods Hole, MA 02543

Subject: Data Transmittal

Reference: Physical Oceanography of Port Moller, Alaska

U.S. Dept. of Commerce NOAA Contract No. 50ABNC800117

Dear George:

With this letter please find one (1) 9-track magnetic data tape containing all the data collected as required under the reference contract. Also enclosed is documentation of the tape's contents.

Please do not hesitate to call Mr. Bruce Andrews at this office if you have any questions or need more information.

Sincerely,

EG&G WASC Oceanographic Services

Cheryl L. Greengrove, Ph.D.

Enclosure: 1 Data Tape

Tape Documentation

cc: L. Jarvela/NOAA

C. Barton/WASC Contracts

B. Andrews
BB7 File

Tape Documentation

The data are provided on an unlabeled, ASCII tape written at 6250-bpi. There are a total of 15 files on the tape, a listing of which follows. Files 1-8 contain current meter data in NODC file type 015 format. Files 9-10 contain meterological station data in an EG&G modification to file type 015 format. The format of the additional record type is enclosed. Bottom pressure gauge data are contained in files 11-13 in NODC file type 017 format. Temperature and salinity profile data are contained in file 14 in NODC type 022 format. File 15 contains current profile data in an EG&G modification to file type 022. The format of this new record type is also enclosed.

1921

1787 records (length = 60, blocking factor = 200) of "nodc f015 dsn409761" written to tape file #1.
1787 records (length = 60, blocking factor = 200) of "nodc f015 dsn409762" written to tape file #2.
2295 records (length = 60, blocking factor = 200) of "nodc f015 dsn409763" written to tape file #3.
1368 records (length = 60, blocking factor = 200) of "nodc f015 dsn409764" written to tape file #4.
3071 records (length = 60, blocking factor = 200) of "nodc f015 dsn409765" written to tape file #5.
2898 records (length = 60, blocking factor = 200) of "nodc f015 dsn409766" written to tape file #8.
2896 records (length = 60, blocking factor = 200) of "nodc f015 dsn409767" written to tape file #7.
1825 records (length = 60, blocking factor = 200) of "nodc f015 dsn409778" written to tape file #8.
925 records (length = 60, blocking factor = 200) of "nodc f015 dsn409770" written to tape file #9.
3201 records (length = 60, blocking factor = 200) of "nodc fw15 dsn409771" written to tape file #10.
1788 records (length = 50, blocking factor = 240) of "nodc f017 dsn409769" written to tape file #11.
3191 records (length = 50, blocking factor = 240) of "nodc f017 dsn409769" written to tape file #12.
1267 records (length = 50, blocking factor = 240) of "nodc f017 dsn409779" written to tape file #13.
1122 records (length = 120, blocking factor = 100) of "nodc f022 ptmoll ts" written to tape file #14.
240 records (length = 120, blocking factor = 100) of "nodc f022 ptmoll c" written to tape file #15.

*****	****	******	****	****	*****	****	******	****
****	EG&G	additio	n to	NODC	File	015	format	****
****	new	record	type	for	wind,	air	temp,	****
****	and	baromet	ric	press	ure da	ata		****
****	****	******	****	****	****	****	*****	****

PARAMETER	DESCRIPTION	<u>sc</u>
DETAIL RECORD 3	ALWAYS '5	10
METER NUMBER	SEE RECORD '1'	11
DATE (GMT)	YYMMDD	16
TIME (GMT)	XXXXXX (HOURS, MINUTES TO HUNDREDTHS)	22
EAST-WEST WIND COMPONENT (U)	XXXXXX - M/SEC TO HUNDREDTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTIONS TOWARD	28
NORTH-SOUTH WIND COMPONENT (V)		34
AIR TEMPERATURE	XXXXX WITH NEGATIVE TEMPERATURES PRECEDED BY MINUS SIGN (DEG C TO TENTHS)	40
BAROMETRIC PRESSURE	XXXXX (MILLIBARS TO TENTHS)	45
WIND GUST SPEED	XXXXX M/SEC TO HUNDREDTHS	50
SEQUENCE NUMBER	XXXXXX - USED FOR SORTING DATA RECORDS	55

****	****	*****	****	*****	****	****	****	****
****	EG&C	addit	ion to	NODC	File	022 f	ormat	****
****	new 1	record	type for	or cur	rent	profi	le data	****
****	****	*****	****	*****	****	****	*****	****

<u>PARAMETER</u>	DESCRIPTION	<u>sc</u>
DETAIL RECORD 7	ALWAYS '9'	10
CAST NUMBER	SEE RECORD '1'	11
PRESSURE (DECIBERS)	XXXXX (TO TENTHS)	16
NORTH-SOUTH CURRENT COMPONENT (V)	XXXXX - CM/SEC TO TENTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTIONS TOWARD	21
EAST-WEST CURRENT COMPONENT (U)	XXXXX - CM/SEC TO TENTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTIONS TOWARD	26
BLANKS		31
SCAN CONDITION	ONE-CHARACTER CODE INDICATING METHOD OF SCANNING DATA - USE CODE 0080	35
PRESSURE	XXXXX (TO TENTHS)	36
NORTH-SOUTH CURRENT COMPONENT (V)	XXXXX - CM/SEC TO TENTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTIONS TOWARD	41
EAST-WEST CURRENT COMPONENT (U)	XXXXX - CM/SEC TO TENTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTIONS TOWARD	46
BLANKS		51
SCAN CONDITION	ONE-CHARACTER CODE INDICATING METHOD OF SCANNING DATA - USE CODE 0080	55

PRESSURE	XXXXX	56
NORTH-SOUTH CURRENT COMPONENT (V)	XXXXX - CM/SEC TO TENTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTIONS TOWARD	61
EAST-WEST CURRENT COMPONENT (U)	XXXXX - CM/SEC TO TENTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTIONS TOWARD	66
BLANKS		71
SCAN CONDITION	ONE-CHARACTER CODE INDICATING METHOD OF SCANNING DATA - USE CODE 0080	75
PRESSURE	XXXXX	76
NORTH-SOUTH CURRENT COMPONENT (V)	XXXXX - CM/SEC TO TENTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTIONS TOWARD	81
EAST-WEST CURRENT COMPONENT (U)	XXXXX - CM/SEC TO TENTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTIONS TOWARD	86
BLANKS		91
SCAN CONDITION	ONE-CHARACTER CODE INDICATING METHOD OF SCANNING DATA - USE CODE 0080	95
PRESSURE	XXXXX	96
NORTH-SOUTH CURRENT COMPONENT (V)	XXXXX - CM/SEC TO TENTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTIONS TOWARD	101
EAST-WEST CURRENT COMPONENT (U)	XXXXX - CM/SEC TO TENTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTIONS TOWARD	106

BLANKS		111
SCAN CONDITION	ONE-CHARACTER CODE INDICATING METHOD OF SCANNING DATA - USE CODE 0080	115
SEQUENCE NUMBER	XXXXXX - USED FOR SORTING DATA RECORDS	116

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ACCESS F	REF	FILE	PROJ	INST	PLAT	CRUISE	CRUISE	CRUISE	NUM	NUM
NUMBER N	NUMBER	TYPE	CODE			ИО	START	END	STA	REC
9000278 1	rv5749	F017		31F4	317F	ST-1	05/22/89	08/05/89	1	1,789
9000278 1	rv5750	F017		31F4	317F	ST-4	05/24/89	10/03/89	1	3,192
9000278 1	CV5751	F017		31F4	317F	ST-1	08/05/89	09/26/89	1	1,268

110.	FILETYP	E	TRACK			P ROJECT IDENTIF		11	······································
9000	S FAR DATE	FO17	TA DI	+∨574 PÈ OR SK DSN	9-5	75 / NO. FILES	LNECL	BLK SIZE	NO. RECORDS
	12/10/90	custo	A01325	:		15	5.	e bolow	1
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ID TAPE	2-15-91	R.P.S.	W0285	6 * *		1	-50-	5000	6249
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	Tapa	13'25 and 1	Files 1-10, Files 11-13,	LRECL=6 LRECL=5	0, BL	KSIZE	=1200	30	
	• •	11755	files 14-15,						
TERRORS/COR	RECTIONS (NO	T REPORTED T	0 P.I.)						

* * LABEL: DNODC * EGGPRESOUT

Org/Task User Name Phone # Submit Date Due Date 673-5636 EG1200 8N3AH9 12/21/90 AS AP PART A Request/Problem Category [] Communications [] Equipment [] Supplies [] General Info [] Tape Library Computer Operation: l Software) Other Specie numat/Problem Descriptions Thas son W Tage PART I (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 Sand W'tape to Ashwille, NC Tape A\$1325 filea 1-10, LKECL=60, BLKSIZE=12000 files 11-13, LKECL=50, BIKSIZE=12000 files 14-15, LKECL=120, BIKSIZE: 12000 JOB INPUT Id#/Filename: ΑΦ1325(DΦ5 Medium: Mape [] Disk [] Diskette [] Other Specify: Code: ASCII [] EBCDIC [] Binary [] Other Specify: Tape Specs: 📐 800 [] 1600 [] 6250 💢 NL [] SL MAX Record Length: ____ MAX Blocksize: 12 000 Id#/Filename: W//755 JOB OUTPUT Medium: [X] Tape [] Disk [] Diskette [] Other Specify: Code: ASCII [] EBCDIC [] Binary [] Other Specify: Specs: [] 800 | 1600 [] 6250 | NL [] SL kecord Length: __ _ _ _ _ _ ^ MAX Blocksize: 1 2 O O O (OC3 Use Only) Date/Time Start: 1-3-91/11:30 JOB Number: 92/12/26/02 Completed By: Date/Time Completed:

RUNDER BERVECHIS

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	•	TAL AND RECEIPT RECORD	
	(Please sign and refu	urn carbon copy acknowledging receipt)	
	National Oceanographic Data 1825 Connecticut Ave., NW Washington, D.C. 20235	Ctr. ATTENTION Dr. Anthony Piccio	10
THE	TEM(S) LISTED BELOW WERE FORWARDED TO YOU	 	
	ORDINARY REGISTERED AIR MAIL MAIL	CERTIFIED GOVERNMENT BY HAND	OTHER
	The enclosed reel of magnet sets from NOAA contract 50A	ic tape contains the following BNC800117 Port Moller, Alaska:	data
	Files 9-10 wind data in a modif	ter data FT-015 format. from the current mooring array lied FT-015 format. essure data FT-017 format.	Lev I
7	File 14 CTD data F File 15 Current pr	TT-022 format cofiler data (discrete depths) foodified FT-022 format.	rom the
	These data are being submit requirements.	tted by EG&G per NOAA contractus	1
	block sizes depend bOriginator supplied		
and the		adence between this office and I	G&G.
		AL # 9000278	
	A	01325 PRECEIVED	B
	cc: Bruce Andrews Mike Crane	DEC 03 199	
	91	7181	
FORW	ARDED BY Gronesure	NODC Service Center Rep.	DATE FORWARDED 11/27/90
É	G. Heimerdinger IVED BY (Signature)	TITLE	DATE RECEIVED



OCEANOGRAPHIC SERVICES

237 Riverview Avenue, Waltham, Massachusetts 02154 • Tel (617) 891-7204 Fax (617) 891-5488

November 21, 1990

Mr. George Heimerdinger National Oceanographic Data Center Northeast Liaison Office Woods Hole Oceanographic Institution McLean Laboratory Woods Hole, MA 02543

Subject: Data Transmittal Problems

Dear George:

I received our Port Moller, Alaska data tape back and have been able to read the files which you were having problems with, namely one and fourteen. Since I don't know what the problem is and you have been able to read our tapes in the past, I am sending you another copy with the same format and file structure.

Please let me know if you have problems reading this one.

Sincerely,

EG&G WASC Oceanographic Services

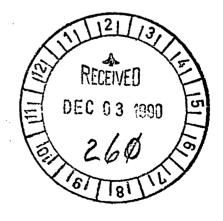
J. Bruce Andrews

Enclosure: 1 Data Tape

cc: C.Barton/WASC Contracts

C. Greengrove

BB7 File





UNITED STATES DEPARTMENT OF COMMERCE National Oceanic and Atmospheric Administration NATIONAL ENVIRONMENTAL SATELLITE, DATA, AND INFORMATION SERVICE WAXWAYAY, DEX YOUNG NODC Service Center Woods Hole Oceanographic Inst.

November 13, 1990

Woods Hole, MA 02543

Mr. Bruce Andrews
EG&G Washington Analytical
Service Center, Inc.
237 Riverview Ave.
Waltham, MA 02154

Dear Bruce:

Per our telephone call last week concerning the Port Moller, Alaska data tape, I have cleaned the tape and still can not read files one and fourteen. As a result, I am returning the tape for correction. I have only tested files one, two, eleven and fourteen so there may be more bad files, two and eleven are readable.

Sincerely,

Enclosure:

1 Data Tape Copy of Original Letter & Tape Documentation



OCEANOGRAPHIC SERVICES

237 Riverview Avenue, Waltham, Massachusetts 02154 • Tel (617) 891-7204 Fax (617) 891-5488

October 31, 1990

Mr. George Heimerdinger National Oceanographic Data Center Northeast Liason Office Woods Hole Oceanographic Institution McLean Laboratory Woods Hole, MA 02543

Subject: Data Transmittal

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Reference: Physical Oceanography of Port Moller, Alaska

U.S. Dept. of Commerce NOAA Contract No. 50ABNC800117

Dear George:

With this letter please find one (1) 9-track magnetic data tape containing all the data collected as required under the reference contract. Also enclosed is documentation of the tape's contents.

Please do not hesitate to call Mr. Bruce Andrews at this office if you have any questions or need more information.

Sincerely,

EG&G_WASC,Oceanographic Services

Cheryl L. Greengrove, Ph.D.

Enclosure: 1 Data Tape

Tape Documentation

cc: L. Jarvela/NOAA

C. Barton/WASC Contracts

B. Andrews BB7 File

Tape Documentation

The data are provided on an unlabeled, ASCII tape written at 6250-bpi. There are a total of 15 files on the tape, a listing of which follows. Files 1-8 contain current meter data in NODC file type 015 format. Files 9-10 contain meterological station data in an EG&G modification to file type 015 format. The format of the additional record type is enclosed. Bottom pressure gauge data are contained in files 11-13 in NODC file type 017 format. Temperature and salinity profile data are contained in file 14 in NODC type 022 format. File 15 contains current profile data in an EG&G modification to file type 022. The format of this new record type is also enclosed.

Tape BB7-400-001 - 6250 bpi , unlabeled , ASCII data

1787 records (length = 60, blocking factor = 200) of "node fols dsn409761" written to tape file #1.

1787 records (length = 60, blocking factor = 200) of "node fols dsn409762" written to tape file #2.

2295 records (length = 60, blocking factor = 200) of "node fols dsn409763" written to tape file #3.

1368 records (length = 60, blocking factor = 200) of "node fols dsn409764" written to tape file #4.

3071 records (length = 60, blocking factor = 200) of "node fols dsn409765" written to tape file #5.

2898 records (length = 60, blocking factor = 200) of "node fols dsn409766" written to tape file #6.

2896 records (length = 60, blocking factor = 200) of "node fols dsn409767" written to tape file #7.

1825 records (length = 60, blocking factor = 200) of "node fols dsn409778" written to tape file #8.

925 records (length = 60, blocking factor = 200) of "node fols dsn409770" written to tape file #9.

3201 records (length = 60, blocking factor = 200) of "node fols dsn409771" written to tape file #10.

1788 records (length = 50, blocking factor = 240) of "node fols dsn409768" written to tape file #11.

3191 records (length = 50, blocking factor = 240) of "node fols dsn409779" written to tape file #11.

1267 records (length = 50, blocking factor = 240) of "node fols dsn409779" written to tape file #13.

1122 records (length = 120, blocking factor = 100) of "node fols ptmol ts" written to tape file #14.

240 records (length = 120, blocking factor = 100) of "node fols ptmol ts" written to tape file #15.

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*************	*****
**** EG&G addition to NODC File 015 forma	t ****
***** new record type for wind, air temp,	****
***** and barometric pressure data	****
************	*****
DECODEDUTON	

PARAMETER	<u>DESCRIPTION</u>	<u>sc</u>
DETAIL RECORD 3	ALWAYS '5	10
	SEE RECORD '1'	11
DATE® (GMT)	YYMMDD	16
TIME (GMT)	XXXXXX (HOURS, MINUTES TO HUNDREDTHS)	22
EAST-WEST WIND COMPONENT (U)	XXXXXX - M/SEC TO HUNDREDTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTIONS TOWARD	28
NORTH-SOUTH WIND COMPONENT (V)	XXXXXX - M/SEC TO HUNDREDTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTIONS TOWARD	34
AIR TEMPERATURE	XXXXX WITH NEGATIVE TEMPERATURES PRECEDED BY MINUS SIGN (DEG C TO TENTHS)	40
BAROMETRIC PRESSURE	XXXXX (MILLIBARS TO TENTHS)	4.5
WIND GUST SPEED	XXXXX M/SEC TO HUNDREDTHS	50
SEQUENCE NUMBER	XXXXXX - USED FOR SORTING DATA RECORDS	55

****	EG&G addition	to NODC File	022 format	****
****	new record type	e for current	profile data	****
****	******	*****	*****	*****

******	*********	
PARAMETER	DESCRIPTION	<u>sc</u>
DETAIL RECORD 7	ALWAYS '9'	10
CAST NUMBER	SEE RECORD '1'	13.
PRESSURE CRECIBARS)	XXXXX (TO TENTHS)	16
NORTH-SOUTH CURRENT COMPONENT (V)	XXXXX - CM/SEC TO TENTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTIONS TOWARD	21
EAST-WEST CURRENT COMPONENT (U)	XXXXX - CM/SEC TO TENTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTIONS TOWARD	26
BLANKS	·	31
SCAN CONDITION	ONE-CHARACTER CODE INDICATING METHOD OF SCANNING DATA - USE CODE 0080	35
PRESSURE	XXXXXX (TO TENTHS)	36
NORTH-SOUTH CURRENT COMPONENT (V)	XXXXX - CM/SEC TO TENTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTIONS TOWARD	41
EAST-WEST CURRENT COMPONENT (U)	XXXXX - CM/SEC TO TENTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTIONS TOWARD	46
BLANKS		51
SCAN CONDITION	ONE-CHARACTER CODE INDICATING METHOD OF SCANNING DATA - USE CODE 0080	55

	•	
PRESSURE	xxxxx	56
NORTH-SOUTH CURRENT COMPONENT (V)	XXXXX - CM/SEC TO TENTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTIONS TOWARD	61
EAST-WEST CURRENT COMPONENT (U)	XXXXX - CM/SEC TO TENTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTIONS TOWARD	66
BLANKS		7.1
SCAN CONDITION	ONE-CHARACTER CODE INDICATING METHOD OF SCANNING DATA - USE CODE 0080	75
PRESSURE	XXXXX	76
NORTH-SOUTH CURRENT COMPONENT (V)	XXXXX - CM/SEC TO TENTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTIONS TOWARD	81
EAST-WEST CURRENT COMPONENT (U)	XXXXX - CM/SEC TO TENTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTIONS TOWARD	86
BLANKS		91
SCAN CONDITION	ONE-CHARACTER CODE INDICATING METHOD OF SCANNING DATA - USE CODE 0080	95
PRESSURE	xxxxx	96
NORTH-SOUTH CURRENT COMPONENT (V)	XXXXX - CM/SEC TO TENTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN - DIRECTIONS TOWARD	101
EAST-WEST CURRENT COMPONENT (U)	XXXXX - CM/SEC TO TENTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE	106

BLANKS		111
SCAN CONDITION	ONE-CHARACTER CODE INDICATING METHOD OF SCANNING DATA - USE CODE 0080	115
SEQUENCE NUMBER	XXXXXX - USED FOR SORTING DATA RECORDS	116

P	a	s	s	W	O	r	d	:
r	а	3	3	w	v	т.	u	•

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
9000278	C022	319978	9999	31F/	3102	1989/05/23	TV5752	194001
9000278						1989/09/03		194001
9000278						1989/10/05		194003
9000278	F022	TV5752	9999	31F4	3102	1989/05/23	NULL	194012
9000278	F022	TV5753	9999	31F4	3102	1989/09/03	NULL	194013
9000278	F022	TV5754	9999	31F4	3102	1989/10/05	NULL	194014
9000278						1989/05/22	ST-1	194004
9000278	F015	TV5745	9999	31F4	317F	1989/05/22		194005
9000278	F015	TV5746	9999	31F4	317F	1989/05/23		194006
9000278						1989/05/24		194007
9000278						1989/05/24		194008
9000278						1989/05/22		194009
9000278						1989/05/24		194010
9000278						1989/08/05		194011
9000278						1989/05/22		194015
9000278	L150	L01306	9999	31F4	317F	1989/05/14	NULL	194016

(16 rows affected)

Password:								
accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate	
9000278	C022	319978	3102	53	53	89/05/23	89/05/29	
9000278	C022	319979	3102	2	2	89/09/03	89/09/03	
9000278	C022	319980	3102	18	18	89/10/05	89/10/06	
9000278	F022	TV5752	3102	53	646	89/05/23	89/05/29	
9000278	F022	TV5753	3102	2	44	89/09/03	89/09/03	
9000278	F022	TV5754	3102	18	249	89/10/05	89/10/06	
9000278	F015	TV5744	317F	4	1787	89/05/22	89/08/01	
9000278	F015	TV5745	317F	4	1787	89/05/22	89/08/01	
9000278	F015	TV5746	317F	4	2296	89/05/23	89/08/01	
9000278	F015	TV5747	317F	3	1369	89/05/24	89/07/01	
9000278	F015	TV5748	317F	5	3071	89/05/24	89/09/01	
9000278	F017	TV5749	317F	4	1789	89/05/22	89/08/05	
9000278	F017	TV5750	317F	6	3192	89/05/24	89/10/03	
9000278	F017	TV5751	317F	2	1268	89/08/05	89/09/26	
9000278	L129	L01303	317F	3	7619	89/05/22	89/09/01	
9000278	L150	L01306	317F	2	4126	89/05/14	89/09/25	

(16 rows affected)