

DATA DOCUMENTATION FORM

TT0454 - TT0465
F015

DDF A:4:13

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

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

Woods Hole Oceanographic Institution
Woods Hole MA 02543

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

1973 Internal Wave Experiment (IWEX)

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

Cruise numbers not used for data identification

4. PLATFORM NAME(S)

Data identified by mooring number

5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)

Mooring

6. PLATFORM AND OPERATOR NATIONALITY(IES)

PLATFORM	OPERATOR
U.S.	U.S.

7. DATES

FROM: MO, DAY, YR	TO: MO, DAY, YR

8. ARE DATA PROPRIETARY?

NO YES

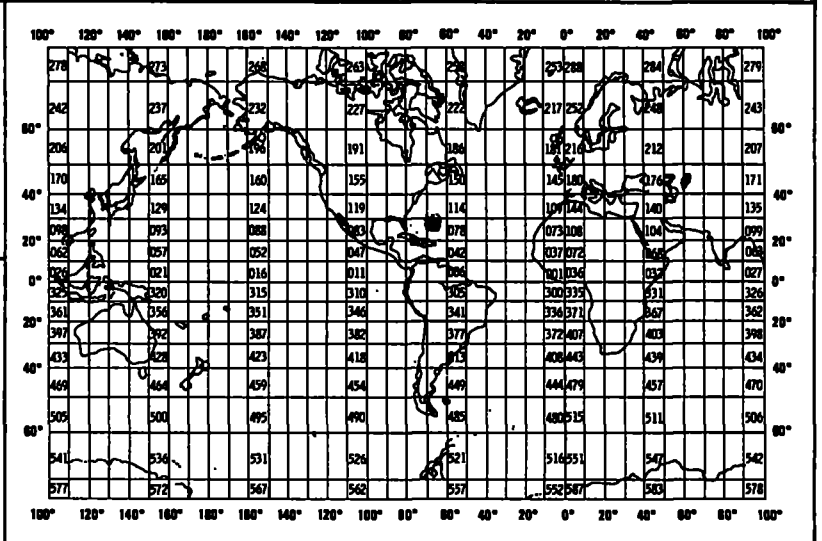
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR ___ MONTH ___

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)

Richard E. Payne
(617) 548-1400 ext. 2531

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
<i>Salinity</i>	<i>‰</i>	<i>Nansen bottles</i>	<i>Inductive salinometer (Hytech model S510)</i>	<i>N/A (Not applicable)</i>
		<i>STD Bissett-Berman Model 9006</i>	<i>N/A</i>	<i>Values averaged over 5-meter intervals</i>
<i>Water color</i>	<i>Forel scale</i>	<i>Visual comparison with Forel bottles</i>	<i>N/A</i>	<i>N/A</i>
<i>Sediment size</i>	<i>φ units and percent by weight</i>	<i>Ewing corer</i>	<i>Standard sieves. Carbonate fraction removed by acid treatment</i>	<i>Same as "Sedimentary Rock Manual," Folk '65</i>

(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
<p>NOTE IDENTIFICATION LABEL FOR EACH CURRENT METER RECORD</p> <p>East component North component</p> <p>Direction Speed</p> <p>Time Temperature</p> <p>TDIF</p>	<p>cm/sec cm/sec</p> <p>Degrees cm/sec</p> <p>milliseconds Deg. C</p> <p>Deg. C</p>	<p>Instrument Manufacturer Code</p> <p>02 = EG&G Model 850 10 = AMF Vector Averaging (VACM)</p>	<p>Instrument modified to improve reliability</p> <p>Change manufacturers' accuracy specifications on sensors</p>	<p>Vector averaged</p>

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

Current Meter Data Only

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

GATE Format

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER John Maltais (617) 548-1400 ext. 2803

ADDRESS _____

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input checked="" type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input checked="" type="checkbox"/> 0.5-0.6 inch</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 checked="" type="checkbox"/> IBM standard</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>\$NNA 14932</p> <p>Buoy Group Woods Hole Oceanographic Institution Current Meter Data IWEX 1973 Data</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input checked="" type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES Variable, never more than 2,048</p> <p>13. LENGTH OF BYTES IN BITS 8 bits/byte</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		
Not constant. Can be slightly different for different current meter records. Check individual record labels.					

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 <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 <i>(e.g., bits, bytes)</i>	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 (✓)	
current meter rotors	Not individually	calibrated							
Thermistors		X			X				

Account # 79-0087

WOODS HOLE OCEANOGRAPHIC INSTITUTION

WOODS HOLE, MASSACHUSETTS 02543

Phone (617) 548-1400
TWX 710-346-6601

February 1, 1979

Mr. Irving Perloth
Code D75
N.O.D.C.
Washington DC 20235

Dear Mr. Perloth:

Enclosed is one tape of current meter data of a special experiment called INTERNAL WAVE EXPERIMENT (IWEX) which was done in 1973. This data can be referenced in W.H.O.I. Ref. 75-68, "A Compilation of moored current data and associated oceanographic observations, Volume IX (1973 INTERNAL WAVE EXPERIMENT (IWEX))" by S. Tarbell, M. G. Briscoe and D. Chausse. It is a 9 track, 800 B.P.I. tape in GATE format recorded by W.H.O.I. current meters on W.H.O.I. moorings. The tape name is (\$\$NN). Also included are logs of record numbers on the tape, label and format information for each current meter record and an N.O.D.C. Data Documentation Form.

This tape completes all of our 1973 data.

Yours truly,

Dolores H. Chausse

Dolores H. Chausse

DHC:aw
Encl.

~~Tape # 014932~~
User Tape # ~~014932~~

\$SNN

1	515A1H225
2	515-A4C225
3	515A5D225
4	515A14B900
5	515-B4C225
6	515B5F225
7	515B10D225
8	515B14C900
9	515C10E225
10	515C5J225
11	515C6C225
12	515C14B900
13	5101WA900



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
ENVIRONMENTAL DATA SERVICE
NATIONAL OCEANOGRAPHIC DATA CENTER
Washington, D.C. 20235

February 16, 1979

D75/IP

Dr. Delores H. Chausse
Woods Hole Oceanographic Institution
Woods Hole, Massachusetts 02543

Dear Dr. Chausse:

Received your 9-track tape of current meter data from the IWEX project, logs of record numbers, label and format information along with an NODC Data Documentation Form.

This tape has been assigned the NODC Accession Number 79-0089 and Tape Number ~~008163~~ (\$\$NN)

Sincerely yours,

Irving Berlroth

Irving Berlroth
Director
Data Preparation Division

cc:
G. Heimerdinger
A. Picciolo
C. Slade

*change tapes to
Notify George*



U.S. DEPARTMENT OF COMMERCE
National Oceanic & Atmospheric Admin.
Environmental Data Service
National Oceanographic Data Center
Washington, DC 20235

D752

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE
CBM-210



OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, \$300

Dr. Dolores H. Chausse
Woods Hole Oceanographic Institution
Woods Hole, MA 02543

NOAA FORM 61-21
(5-75)

February 13, 1979

Dear Dr. Chausse:

Received your 9-track tape of current meter data from the IWEX project, logs of record numbers, label and format information along with a NODC Data Documentation Form.

This tape has been assigned the NODC Accession Number 79-0089 and tape number ~~008163~~ (55NN).

Sincerely,

Irving Perlroth
Irving Perlroth
Director, Data Preparation Division

cc: G. Heimerdinger, A. Picciolo, C. Slade

ACCESSION/TRACK # 79 00089/TT0454-65

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
IGNITOR TAPE	7/15/83	8/20	14932	12	1920	1920	
ADI/SCAN TAPE	7/15/83	8/20	(899130) 81684	12	1920	1920	
SIGNED FOR PROCESS.	7/15/83	8/20	802455 802468	12	9600	60	
OF EVALUATION <i>tape to disk</i>							
QUALITY REVIEW	08/31/83	CMH					155706
RELIMINARY DATA SORT							
RELIMINARY MULCHEK	08/31/83	CMH					155706
FIRST USER TAPE							
WORK DISK FILE	08/31/83	CMH					155706
FINAL USER TAPE							
FINAL MULCHEK	09/02/83	CMH					155706
EDITED DISK FILE	09/02/83	CMH					155706
DATA SET "FINALIZED"							155706 <i>records</i>

(DNODE *MPO75. TT0454/FO15
 (DNODE *MPO75. TT0459/FO15

TAPE ASSIGNMENT SHEET

ACCESSION NO.: 7900089

TRACK NO(s): TT0454-65

Type of Tape	Tape Number	Label	LRECL	BLKSIZE	RECFM	Remarks
Originator	14932	NL	1920	1920	9-t 1600BPI EBCDIC	
Duplicate	(B00158) 01684	NL	1920	1920	9-t 1600BPI EBCDIC	
Reformatted	002455 } 002460 }	SL	60	9600	9-t 1600BPI ASCII	
First User						
Final User Disk Data Set	DNODC *MPD75. TT0454/F015 SDF DNODC *MPD75. TT0459/F015 ascii					# records 155706

.. ERROR CORRECTION DOCUMENTATION FORM

DATE:

TO: OC12

FROM: OC13

SUBJECT: Error Correction in Processing of Data Set - Accession # 7960089

- 1) File Type: F015
- 2) Project Ident.:
- 3) Track Nos.: TT0454-65

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

No corrections necessary

III. Processor Name: Cliff Hartley

GATE STATION DATA PROCESSING

1. Original Tape Number ϕ14932

NL Label
EBCDIC Code
9 # of Tracks
1600 Density
1920 Blocksize

2. Copy Tape Number ϕϕ1684

NL Label
EBCDIC Code
9 # of Tracks
1600 Density
1920 Blocksize

3. SPINDOWN (counts files) 13

4. Inventory File Names MELGATE-10A*12.
MELGATE-10B*12.
MELGATE-10C*12.
MELGATE-10D*12.
MELGATE-10E*12.

5. MERGE 23 Converted Tape Numbers ϕϕ2455
ϕϕ246ϕ

SL Label
OUT23 Code (ASCII)
9 # of Tracks
1600 Density
9600 Blocksize

6. Date 1 (YYMMDD) 5/23/83
Date 2 (YYMMDD) 6/22/83

DINDB QUERY LISTING
10/04/1990

* ACC-NO	REFNO	F-A	PROJ	INST	PLAT	CRUISE	***CRUISE START	DATES*** END	STA IN	STA OUT

* 7900089	TT0460	F015	****	3102	317F	515B10D2 25	11/03/1973	12/01/1973	1	2
*	TT0465	F015	****	3102	317F	515C14B9 00	11/03/1973	12/01/1973	1	2
*	TT0464	F015	****	3102	317F	515C6C22 5	11/03/1973	12/01/1973	1	2
*	TT0463	F015	****	3102	317F	515C5J22 5	11/03/1973	12/01/1973	1	2
*	TT0462	F015	****	3102	317F	515C10E2 25	11/03/1973	12/01/1973	1	2
*	TT0461	F015	****	3102	317F	515B14C9 00	11/03/1973	12/01/1973	1	2
*	TT0459	F015	****	3102	317F	515B5F22 5	11/03/1973	12/01/1973	1	2
*	TT0458	F015	****	3102	317F	515-B4C2 25	11/03/1973	12/01/1973	1	2
*	TT0457	F015	****	3102	317F	515A14B9 00	11/03/1973	12/01/1973	1	2
*	TT0456	F015	****	3102	317F	515A5D22 5	11/03/1973	12/01/1973	1	2
*	TT0455	F015	****	3102	317F	515-A4C2 25	11/03/1973	12/01/1973	1	2
*	TT0454	F015	****	3102	317F	515A1H22 5	11/03/1973	12/01/1973	1	2

Archived 01/12/84

79-05

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
7900089	F015	TT0454	9999	3102	317F	1973/11/03	515A1H22	309051
7900089	F015	TT0455	9999	3102	317F	1973/11/03	515-A4C2	309052
7900089	F015	TT0456	9999	3102	317F	1973/11/03	515A5D22	309053
7900089	F015	TT0457	9999	3102	317F	1973/11/03	515A14B9	309054
7900089	F015	TT0458	9999	3102	317F	1973/11/03	515-B4C2	309055
7900089	F015	TT0459	9999	3102	317F	1973/11/03	515B5F22	309056
7900089	F015	TT0460	9999	3102	317F	1973/11/03	515B10D2	309057
7900089	F015	TT0461	9999	3102	317F	1973/11/03	515B14C9	309058
7900089	F015	TT0462	9999	3102	317F	1973/11/03	515C10E2	309059
7900089	F015	TT0463	9999	3102	317F	1973/11/03	515C5J22	309060
7900089	F015	TT0464	9999	3102	317F	1973/11/03	515C6C22	309061
7900089	F015	TT0465	9999	3102	317F	1973/11/03	515C14B9	309062

(12 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
7900089	F015	TT0454	317F	1	15970	73/11/03	73/12/01
7900089	F015	TT0455	317F	1	15970	73/11/03	73/12/01
7900089	F015	TT0456	317F	1	15970	73/11/03	73/12/01
7900089	F015	TT0457	317F	1	3993	73/11/03	73/12/01
7900089	F015	TT0458	317F	1	15970	73/11/03	73/12/01
7900089	F015	TT0459	317F	1	15969	73/11/03	73/12/01
7900089	F015	TT0460	317F	1	15970	73/11/03	73/12/01
7900089	F015	TT0461	317F	1	3993	73/11/03	73/12/01
7900089	F015	TT0462	317F	1	15970	73/11/03	73/12/01
7900089	F015	TT0463	317F	1	15969	73/11/03	73/12/01
7900089	F015	TT0464	317F	1	15969	73/11/03	73/12/01
7900089	F015	TT0465	317F	1	3993	73/11/03	73/12/01

(12 rows affected)

WGATE01
DATE/ 19115 DEC 12, '78

79-0089
TT0454-TT0465
FO15

DATA/ 515A1M225

FILE CREATED/ 15114 AUG 23, '76

SOURCE/ WH01

COMMENT/

MATH0P12

LOCATION/ 27 43.90 N 69 50.95 W
DATA TIME ORIGIN/ 79 XI -03 15.28.07.000 4
SAMPLES TAKEN EVERY 225.000 SECONDS

MAGNETIC VARIATION/ 9 W

DATA SEQUENCE	UNITS	TYPE	MANF	INST	DEPTH M	BIAS VALUE
*(1) EAST	* MM/SEC	* R	* 10	* DT-101	* 597.50	* .00000
*(2) NORTH	* MM/SEC	* R	* 10	* DT-101	* 597.50	* .00000
*(3) DIRECTION	* 128-LVL-BI	* B	* 10	* DT-101	* 597.50	* 0
*(4) SPEED	* MM/SEC	* H	* 10	* DT-101	* 597.50	* 0
*(5) ROTOR COUNT	*	* I	* 10	* DT-101	* 597.50	* 0
*(6) TEMPERATURE	* DEGREES C.	* R	* 10	* T#6016	* 597.50	* .00000
*(7) TDIF	* DEGREES C.	* R	* 10	* 50095042	* 1.74	* .00000
*(8) TIME	* MS	* T	*	*	* .00	* 0

79-21

 NAMELIST PARAMETER SPECIFICATIONS

BU8Y ▪ T DATPRE ▪ 0 NFC ▪ 1
 NEWTAP ▪ T FORMC ▪ 3 NFSKP ▪ 0
 TYP0 ▪ F FVCODE ▪ 99 BBTYP ▪ 2403
 TYP1 ▪ F MORE ▪ 2 P8SDET ▪ 51
 TYP2 ▪ F NCLR ▪ 40
 TYP4 ▪ F

* PCODE	UCODE	DVCODE	CMETH	NDEC	SMUL	SADD	

1*	2660	240	0	80	2	1.00000	.000000
2*	2670	240	0	80	2	1.00000	.000000
3*	5000	500	0	80	3	1.00000	.000000
4*	5000	500	0	80	6	1.00000	.000000
5*	30	999	0	80	0	1.00000	.000000

FORMAT OF DATA CYCLE (LOGICAL RECORD)...

(2F10.2,F10.3,F10.6)

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'BUOY' FORMAT TO 'GATE' FORMAT DATA TRANSCRIPTION SUMMARY
DATE/ 19:27 DEC 12, '78

SOURCE DATA FILE/ 515A1H225

OUTPUT TAPE IDENTIFIER/ 98NN

SEQUENCE OF VARIABLES IN OUTPUT DATA CYCLE...

EAST	CM/S
NORTH	CM/S
TEMPERATURE	DEGREES C.
TDIF	DEGREES C.
TIME	YEAR
TIME	MONTH
TIME	DAY
TIME	HR,MIN,SEC

FORMAT OF OUTPUT DATA RECORDS...

(I1,I4,I10,I5,35(2F10.2,F10.3,F10.6,I4,I2,I2,I6),10X)

LENGTH OF DATA CYCLE (CHARACTERS) * 54
NUMBER OF DATA CYCLES/OUTPUT RECORD * 35

NUMBER OF OUTPUT DATA RECORDS * 457
NUMBER OF OUTPUT DATA CYCLES * 15969

OUTPUT DATA SPAN PERIOD

FROM 73° XI -03 15:25.07
TO 73° XII-15 05:28.07

WITH 225.000 SECONDS BETWEEN CYCLES

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WGATE01
DATE/ 19127 DEC 12, '78

DATA/ 515-A4C225

FILE CREATED/ 08:56 JAN 31, '74

SOURCE/ WH01

COMMENT/

MATH0P09

LOCATION/ 27 43.90 N 69 50.95 W MAGNETIC VARIATION/ 9 W
DATA TIME ORIGIN/ 73- XI -03 15.28.07.000 Z
SAMPLES TAKEN EVERY 225.000 SECONDS

```
*****  
**** DATA SEQUENCE **** UNITS **** TYPE * MANF *** INST *** DEPTH M ** BIAS VALUE ****  
*****  
**(1) EAST * MM/SEC * R * 10 * DT-102 * 604.50 * .00000  
**(2) NORTH * MM/SEC * R * 10 * DT-102 * 604.50 * .00000  
**(3) DIRECTION * 128.LVL.B1 * B * 10 * DT-102 * 604.50 * 0  
**(4) SPEED * MM/SEC * H * 10 * DT-102 * 604.50 * 0  
**(5) ROTOR * COUNT * I * 10 * DT-102 * 604.50 * 0  
**(6) TEMPERATURE * DEGREES C. * R * 10 * T#6006 * 604.50 * .00000  
**(7) TDIF * DEGREES C. * R * 10 * 50165065 * 1.74 * .00000  
**(8) TIME * MS * T * * * .00 * 0
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 NAMELIST PARAMETER SPECIFICATIONS

BUBY ▪ T DATPRE ▪ 0 NFC ▪ 1
 NEWTAP ▪ F FBRMC ▪ 3 NFSKP ▪ 0
 TYPO ▪ F FVCRDE ▪ 99 BBTYP ▪ 2403
 TYP1 ▪ F MBRE ▪ 2 PBSDET ▪ 51
 TYP2 ▪ F NCLR ▪ 40
 TYP4 ▪ F

* PCODE	UCODE	DVCODE	CMETH	NDEC	SMUL	SADD	
1*	2660	240	0	80	2	1.00000	.000000
2*	2670	240	0	80	2	1.00000	.000000
3*	5000	500	0	80	3	1.00000	.000000
4*	5000	500	0	80	6	1.00000	.000000
5*	30	999	0	80	0	1.00000	.000000

FORMAT OF DATA CYCLE (LOGICAL RECORD)...

(2F10.2,F10.3,F10.6)

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'BUOY' FORMAT TO 'GATE' FORMAT DATA TRANSCRIPTION SUMMARY
DATE/ 19:34 DEC 12, 1978

SOURCE DATA FILE/ 515-A4C225

OUTPUT TAPE IDENTIFIER/ 05NN

SEQUENCE OF VARIABLES IN OUTPUT DATA CYCLE...

EAST	CM/S
NORTH	CM/S
TEMPERATURE	DEGREES C.
TDIF	DEGREES C.
TIME	YEAR
TIME	MONTH
TIME	DAY
TIME	HR, MIN, SEC

FORMAT OF OUTPUT DATA RECORDS...

(I1, I4, I10, I5, 35(2F10.2, F10.3, F10.6, I4, I2, I2, I6), 10X)

LENGTH OF DATA CYCLE (CHARACTERS) = 54
NUMBER OF DATA CYCLES/OUTPUT RECORD = 35

NUMBER OF OUTPUT DATA RECORDS = 457
NUMBER OF OUTPUT DATA CYCLES = 15969

OUTPUT DATA SPAN PERIOD

FROM 73- XI -03 15.28.07
TO 73- XII-15 05.28.07

WITH 225.000 SECONDS BETWEEN CYCLES

WGATE01
DATE/ 19134 DEC 12 '78

DATA/ 515A5U225

FILE CREATED/ 11152 DEC 10 '75

SOURCE/ WHOI

COMMENT/

MATHOP12

LOCATION/ 27 43.90 N 69 50.95 W MAGNETIC VARIATION/ 9 W
DATA TIME ORIGIN/ 73- XI -03 15.28.07.000 Z
SAMPLES TAKEN EVERY 225.000 SECONDS

**** DATA SEQUENCE **** UNITS **** TYPE * MANF *** INST *** DEPTH M ** BIAS VALUE ****

**(1) EAST * MM/SEC * R * 10 * DT-117 * 633.40 * .00000
**(2) NORTH * MM/SEC * R * 10 * DT-117 * 633.40 * .00000
**(3) DIRECTION * 128.LVL.BI * B * 10 * DT-117 * 633.40 * 0
**(4) SPEED * MM/SEC * H * 10 * DT-117 * 633.40 * 0
**(5) ROTOR COUNT * * I * 10 * DT-117 * 633.40 * 0
**(6) TEMPERATURE * DEGREES C. * R * 10 * T#6026 * 633.40 * .00000
**(7) TDIF * DEGREES C. * R * 10 * 50845075 * 633.40 * .00000
**(8) TIME * MS * T * * * .00 * 0

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 NAMELIST PARAMETER SPECIFICATIONS

BUBY ▪ T DATPRE ▪ 0 NFC ▪ 1
 NEWTAP ▪ F FBRMC ▪ 3 NFSKP ▪ 0
 TYPO ▪ F FVCODE ▪ 99 BBTYP ▪ 2403
 TYP1 ▪ F MBRF ▪ 2 PDSDET ▪ 51
 TYP2 ▪ F NCLR ▪ 40
 TYP4 ▪ F

* PCODE	UCODE	DVCODE	CMETH	NDEC	SMUL	SADD	
1*	2660	240	0	80	2	1.00000	.000000
2*	2670	240	0	80	2	1.00000	.000000
3*	5000	500	0	80	3	1.00000	.000000
4*	5000	500	0	80	6	1.00000	.000000
5*	30	999	0	80	0	1.00000	.000000

FORMAT OF DATA CYCLE (LOGICAL RECORD)...

(2F10.2,F10.3,F10.6)

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'BUOY' FORMAT TO 'GATE' FORMAT DATA TRANSCRIPTION SUMMARY
DATE/ 19:44 DEC 12, '78

SOURCE DATA FILE/ 515A5D225

OUTPUT TAPE IDENTIFIER/ 88NN

SEQUENCE OF VARIABLES IN OUTPUT DATA CYCLE...

EAST	CM/S
NORTH	CM/S
TEMPERATURE	DEGREES C.
TDIF	DEGREES C.
TIME	YEAR
TIME	MONTH
TIME	DAY
TIME	HR, MIN, SEC

FORMAT OF OUTPUT DATA RECORDS...

(11, 14, 110, 15, 35(2F10.2, F10.3, F10.6, 14, 12, 12, 16), 10X)

LENGTH OF DATA CYCLE (CHARACTERS) = 54
NUMBER OF DATA CYCLES/OUTPUT RECORD = 35

NUMBER OF OUTPUT DATA RECORDS = 457
NUMBER OF OUTPUT DATA CYCLES = 15969

OUTPUT DATA SPAN PERIOD

FROM 73° XI-03 15.28.07
TO 73° XII-15 05.28.07

WITH 225.000 SECONDS BETWEEN CYCLES

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WGATE01
DATE/ 1984 DEC 12 '78

DATA/ 515A148900

FILE CREATED/ 22:39 FEB 26 '74

SOURCE/ WHOI

COMMENT/

MATH8P09

LOCATION/ 27 43.90 N 69 50.95 W MAGNETIC VARIATION/ 9 W
DATA TIME ORIGIN/ 73- XI -03 15.30.42.000 Z
SAMPLES TAKEN EVERY 900.000 SECONDS

**** DATA SEQUENCE **** UNITS **** TYPE * MANF *** INST ** DEPTH M ** BIAS VALUE ****

**(1) EAST COMP * MM/SEC * R * 02 * M-175T * 2044.30 * .00000
**(2) NORTH COMP * MM/SEC * R * 02 * M-175T * 2044.30 * .00000
**(3) DIRECTION * 128.LVL.BI * B * 02 * M-175T * 2044.30 * 0
**(4) SPEED * MM/SEC * H * 02 * M-175T * 2044.30 * 0
**(5) ROTOR * CBUNT * H * 02 * M-175T * 2044.30 * 0
**(6) TEMPERATURE * DEGREES C. * R * 02 * T#9 * 2044.30 * .00000
**(7) TIME * MS * T * * * * .00 * 0

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 NAMELIST PARAMETER SPECIFICATIONS

BUBY ▪ T DATPRE ▪ 0 NFC ▪ 1
 NEWTAP ▪ F FORMC ▪ 3 NFSKP ▪ 0
 TYPO ▪ F FVCODE ▪ 99 OBTYP ▪ 2403
 TYP1 ▪ F MORF ▪ 2 PDSDET ▪ 51
 TYP2 ▪ F NCLR ▪ 30
 TYP4 ▪ F

	* PCODE	UCODE	DVCODE	CMETH	NDEC	SMUL	SADD
1*	2660	240	0	80	2	1.00000	.000000
2*	2670	240	0	80	2	1.00000	.000000
3*	5000	500	0	80	3	1.00000	.000000
4*	30	500	0	80	6	1.00000	.000000

FORMAT OF DATA CYCLE (LOGICAL RECORD)...

(2F10.2,F10.3)

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'BUOY' FORMAT TO 'GATE' FORMAT DATA TRANSCRIPTION SUMMARY
DATE/ 1946 DEC 12, '78

SOURCE DATA FILE/ 515A14B900

OUTPUT TAPE IDENTIFIER/ \$6NN

SEQUENCE OF VARIABLES IN OUTPUT DATA CYCLE...

EAST	CM/S
NORTH	CM/S
TEMPERATURE	DEGREES C.
TIME	YEAR
TIME	MONTH
TIME	DAY
TIME	HR, MIN, SEC

FORMAT OF OUTPUT DATA RECORDS...

(I1, I4, I10, I5, 43(2F10.2, F10.3, I4, I2, I2, I6), 8X)

LENGTH OF DATA CYCLE (CHARACTERS) = 44
NUMBER OF DATA CYCLES/OUTPUT RECORD = 43

NUMBER OF OUTPUT DATA RECORDS = 93
NUMBER OF OUTPUT DATA CYCLES = 3992

OUTPUT DATA SPAN PERIOD

FROM 73° XI -03 15.30.42
TO 73° XII-15 05.15.42

WITH 900.000 SECONDS BETWEEN CYCLES

WGATE01
DATE/ 19:46 DEC 12, '78

DATA/ 515-B4C225

FILE CREATED/ 14:30 FEB 08, '74

SOURCE/ WH01

COMMENT/ TDIF MEASURED OVER 1.74 METERS

MATH0P09

LOCATION/ 27 43.90 N 69 50.95 W
DATA TIME ORIGIN/ 73- XI -03 15.28.07.000 Z
SAMPLES TAKEN EVERY 225.000 SECONDS

MAGNETIC VARIATION/ 9 W

DATA SEQUENCE	UNITS	TYPE	MANF	INST	DEPTH M	BIAS VALUE
** (1) EAST	* MM/SEC	* R	* 10	* DT=108	* 604.50	* .00000
** (2) NORTH	* MM/SEC	* R	* 10	* DT=108	* 604.50	* .00000
** (3) DIRECTION	* 128.LVL.BI	* B	* 10	* DT=108	* 604.50	* 0
** (4) SPEED	* MM/SEC	* H	* 10	* DT=108	* 604.50	* 0
** (5) ROTOR COUNT	*	* I	* 10	* DT=108	* 604.50	* 0
** (6) TEMPERATURE	* DEGREES C.	* K	* 10	* T#6035	* 604.50	* .00000
** (7) TDIF	* DEGREES C.	* R	* 10	* 52145030	* 604.50	* .00000
** (8) TIME	* MS	* T	*	*	* .00	* 0

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 NAMELIST PARAMETER SPECIFICATIONS

BUBY	▪	T	DATPRE	▪	0	NFC	▪	1
NEWTAP	▪	F	FBRMC	▪	3	NFSKP	▪	0
TYP0	▪	F	FVCFDE	▪	99	ØBTYP	▪	2403
TYP1	▪	F	MØRE	▪	2	PØSDET	▪	51
TYP2	▪	F	NCLR	▪	40			
TYP4	▪	F						

*	PCØDE	UCØDE	DVCØDE	CMETH	NDEC	SMUL	SADD

1*	2660	240	0	80	2	1.00000	.000000
2*	2670	240	0	80	2	1.00000	.000000
3*	5000	500	0	80	3	1.00000	.000000
4*	5000	500	0	80	6	1.00000	.000000
5*	30	999	0	80	0	1.00000	.000000

FORMAT OF DATA CYCLE (LOGICAL RECORD)...

(2F10.2,F10.3,F10.6)

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'BUOY' FORMAT TO 'GATE' FORMAT DATA TRANSCRIPTION SUMMARY
DATE/ 19:56 DEC 12, '78

SOURCE DATA FILE/ 515-B4C225

OUTPUT TAPE IDENTIFIER/ s9NN

SEQUENCE OF VARIABLES IN OUTPUT DATA CYCLE...

EAST	CM/S
NORTH	CM/S
TEMPERATURE	DEGREES C.
TDIF	DEGREES C.
TIME	YEAR
TIME	MONTH
TIME	DAY
TIME	HR,MIN,SEC

FORMAT OF OUTPUT DATA RECORDS...

(I1,I4,I10,I5,35(2F10.2,F10.3,F10.6,I4,I2,I2,I6),10X)

LENGTH OF DATA CYCLE (CHARACTERS) = 54
NUMBER OF DATA CYCLES/OUTPUT RECORD = 35

NUMBER OF OUTPUT DATA RECORDS = 457
NUMBER OF OUTPUT DATA CYCLES = 15969

OUTPUT DATA SPAN PERIOD

FROM 73- X1 -03 15:28.07
TO 73- XII-15 05:28.07

WITH 225.000 SECONDS BETWEEN CYCLES

WGATE01
DATE/ 1978 DEC 12, '78

DATA/ 51585F225

FILE CREATED/ 11128 AUG 24, '76

SOURCE/ WH01

COMMENT/*** THERMISTOR CALIBRATIONS CHANGED**

MATHOP12

LOCATION/ 27 43.90 N 69 50.95 W MAGNETIC VARIATION/ 9 W
DATA TIME ORIGIN/ 73 XI 03 15.31.52.000 Z
SAMPLES TAKEN EVERY 225.000 SECONDS

*** DATA SEQUENCE *** UNITS ***** TYPE * MANF *** INST *** DEPTH M ** BIAS VALJE ***

**(1) EAST * MM/SEC * R * 10 * DT-111 * 633.40 * .00000
**(2) NORTH * MM/SEC * R * 10 * DT-111 * 633.40 * .00000
**(3) DIRECTION * 128.LVL.BI * B * 10 * DT-111 * 633.40 * 0
**(4) SPEED * MM/SEC * H * 10 * DT-111 * 633.40 * 0
**(5) ROTUR * COUNT * I * 10 * DT-111 * 633.40 * 0
**(6) TEMPERATURE * DEGREES C. * R * 02 * T-6116 * 633.40 * .00000
**(7) TDIF * DEGREES C. * R * 10 * 50595108 * 1.74 * .00000
**(8) TIME * MS * T * * * .00 * 0

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 NAMELIST PARAMETER SPECIFICATIONS

BUBY ▪ T DATPRE ▪ 0 NFC ▪ 1
 NEWTAP ▪ F FBRMC ▪ 3 NFSKP ▪ 0
 TYPO ▪ F FVCMDE ▪ 99 OBTYP ▪ 2403
 TYP1 ▪ F MORF ▪ 2 PBSDET ▪ 51
 TYP2 ▪ F NCLR ▪ 40
 TYP4 ▪ F

* PCODE	UCODE	DVCODE	CMETH	NDEC	SMUL	SADD	
1*	2660	240	0	80	2	1.00000	.000000
2*	2670	240	0	80	2	1.00000	.000000
3*	5000	500	0	80	3	1.00000	.000000
4*	5000	500	0	80	6	1.00000	.000000
5*	30	999	0	80	0	1.00000	.000000

FORMAT OF DATA CYCLE (LOGICAL RECORD)...

(2F10.2,F10.3,F10.6)

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'BUBY' FORMAT TO 'GATE' FORMAT DATA TRANSCRIPTION SUMMARY
DATE/ 20:10 DEC 12, 1978

SOURCE DATA FILE/ 515B5F225

OUTPUT TAPE IDENTIFIER/ 99NN

SEQUENCE OF VARIABLES IN OUTPUT DATA CYCLE...

EAST	CM/S
NORTH	CM/S
TEMPERATURE	DEGREES C.
TDIF	DEGREES C.
TIME	YEAR
TIME	MONTH
TIME	DAY
TIME	HR, MIN, SEC

FORMAT OF OUTPUT DATA RECORDS...

(11, I4, I10, I5, 35(2F10.2, F10.3, F10.6, I4, I2, I2, I6), 10X)

LENGTH OF DATA CYCLE (CHARACTERS) = 54
NUMBER OF DATA CYCLES/OUTPUT RECORD = 35

NUMBER OF OUTPUT DATA RECORDS = 457
NUMBER OF OUTPUT DATA CYCLES = 15968

OUTPUT DATA SPAN PERIOD

FROM 73- XI -03 15.31.52
TO 73- XII-15 05.28.07

WITH 225.000 SECONDS BETWEEN CYCLES

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WGATED01
DATE/ 20110 DEC 12, '78

DATA/ 515B10D225

FILE CREATED/ 14:02 DEC 16, '75

SOURCE/ WMB1

COMMENT/***IWEX LEG B

MATHOP12

LOCATION/ 27 43.90 N 69 50.95 W MAGNETIC VARIATION/ 9 W
DATA TIME ORIGIN/ 73- XI 03 15.28.07.000 Z
SAMPLES TAKEN EVERY 225.000 SECONDS

*** DATA SEQUENCE *** UNITS ***** TYPE * MANF *** INST *** DEPTH M ** BIAS VALUE ***

**(1) EAST * MM/SEC * R * 10 * DT-116 * 1017.00 * .00000
**(2) NORTH * MM/SEC * R * 10 * DT-116 * 1017.00 * .00000
**(3) DIRECTION * 128.LVL.BI * B * 10 * DT-116 * 1017.00 * 0
**(4) SPEED * MM/SEC * H * 10 * DT-116 * 1017.00 * 0
**(5) ROTOR COUNT * * I * 10 * DT-116 * 1017.00 * 0
**(6) TEMPERATURE * DEGREES C. * R * 10 * 6021 * 1017.00 * .00000
**(7) TDIF * DEGREES C. * R * 10 * 50675074 * 1.74 * .00000
**(8) TIME * MS * T * * * .00 * 0

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 NAMELIST PARAMETER SPECIFICATIONS

BUBY ▪ T DATHRE ▪ 0 NFC ▪ 1
 NEWTAP ▪ F FORMC ▪ 3 NFSKP ▪ 0
 TYP0 ▪ F FVCODE ▪ 99 BBTYP ▪ 2403
 TYP1 ▪ F MBRE ▪ 2 PBSDET ▪ 51
 TYP2 ▪ F NCLR ▪ 40
 TYP4 ▪ F

* PCODE	UCODE	DVCODE	CMETH	NDEC	SMUL	SADD	
1*	2660	240	0	80	2	1.00000	.000000
2*	2670	240	0	80	2	1.00000	.000000
3*	5000	500	0	80	3	1.00000	.000000
4*	5000	500	0	80	6	1.00000	.000000
5*	30	999	0	80	0	1.00000	.000000

FORMAT OF DATA CYCLE (LOGICAL RECORD)...

(2F10.2,F10.3,F10.6)

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'BUOY' FORMAT TO 'GATE' FORMAT DATA TRANSCRIPTION SUMMARY
DATE/ 2017 DEC 12, '78

SOURCE DATA FILE/ 515B100225

OUTPUT TAPE IDENTIFIER/ \$\$\$NN

SEQUENCE OF VARIABLES IN OUTPUT DATA CYCLE...

EAST	CM/S
NORTH	CM/S
TEMPERATURE	DEGREES C.
TDIF	DEGREES C.
TIME	YEAR
TIME	MONTH
TIME	DAY
TIME	HR,MIN,SEC

FORMAT OF OUTPUT DATA RECORDS...

(I1,I4,I10,I5,35(2F10.2,F10.3,F10.6,I4,I2,I2,I6),10X)

LENGTH OF DATA CYCLE (CHARACTERS) = 54
NUMBER OF DATA CYCLES/OUTPUT RECORD = 35

NUMBER OF OUTPUT DATA RECORDS = 457
NUMBER OF OUTPUT DATA CYCLES = 15969

OUTPUT DATA SPAN PERIOD

FROM 73- XI -03 15.28.07
TO 73- XII-15 05.28.07

WITH 225.000 SECONDS BETWEEN CYCLES

WGATED01
DATE/ 20117 DEC 12, '78

DATA/ 515B14C900

FILE CREATED/ 22115 FEB 27, '74

SOURCE/ WH81

COMMENT/

MATH8PO9

LOCATION/ 27 43.90 N 69 50.95 W MAGNETIC VARIATION/ 9 W
DATA TIME ORIGIN/ 73 XI -03 15.30.42.000 4
SAMPLES TAKEN EVERY 900.000 SECONDS

DATA SEQUENCE	UNITS	TYPE	MANF	INST	DEPTH M	BIAS VALUE
** (1) EAST COMP	* MM/SEC	* R	* 02	* M-206T	* 2044.30	* .00000
** (2) NORTH COMP	* MM/SEC	* R	* 02	* M-206T	* 2044.30	* .00000
** (3) DIRECTION	* 128.LVL.BI	* B	* 02	* M-206T	* 2044.30	* 0
** (4) SPEED	* MM/SEC	* H	* 02	* M-206T	* 2044.30	* 0
** (5) ROTOR	* COUNT	* H	* 02	* M-206T	* 2044.30	* 0
** (6) TEMPERATURE	* DEGREES C.	* R	* 02	* T#3001	* 2044.30	* .00000
** (7) TIME	* MS	* T	* *	* *	* .00	* 0

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 NAMELIST PARAMETER SPECIFICATIONS

BU8Y ▪ T DATPRE ▪ 0 NFC ▪ 1
 NEWTAP ▪ F F0RMC ▪ 3 NFSKP ▪ 0
 TYPO ▪ F FVCRDE ▪ 99 0BTYP ▪ 2403
 TYP1 ▪ F M0RE ▪ 0 P0SDET ▪ 51
 TYP2 ▪ F NCLR ▪ 30
 TYP4 ▪ F

* PCODE	UCODE	DVCODE	CMETH	NUEC	SMUL	SADD	
1*	2660	240	0	80	2	1.00000	.000000
2*	2670	240	0	80	2	1.00000	.000000
3*	5000	500	0	80	3	1.00000	.000000
4*	30	500	0	80	6	1.00000	.000000

FORMAT OF DATA CYCLE (LOGICAL RECORD)...

(2F10.2,F10.3)

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'BUSY' FORMAT TO 'GATE' FORMAT DATA TRANSCRIPTION SUMMARY
DATE/ 20:18 DEC 12, '78

SOURCE DATA FILE/ 515B14C900

OUTPUT TAPE IDENTIFIER/ 99NN

SEQUENCE OF VARIABLES IN OUTPUT DATA CYCLE...

EAST	CM/S
NORTH	CM/S
TEMPERATURE	DEGREES C.
TIME	YEAR
TIME	MONTH
TIME	DAY
TIME	HR, MIN, SEC

FORMAT OF OUTPUT DATA RECORDS...

(I1, I4, I10, I5, 43(2F10.2, F10.3, I4, I2, I2, I6), 8X)

LENGTH OF DATA CYCLE (CHARACTERS) = 44
NUMBER OF DATA CYCLES/OUTPUT RECORD = 43

NUMBER OF OUTPUT DATA RECORDS = 93
NUMBER OF OUTPUT DATA CYCLES = 3992

OUTPUT DATA SPAN PERIOD

FROM 73- XI-03 15:30.42
TO 73- XII-15 05:15.42

WITH 900.000 SECONDS BETWEEN CYCLES

WGATE01
DATE/ 19133 DEC 14, '78

DATA/ 515C10E225

FILE CREATED/ 01129 DEC 19, '75

SOURCE/ WHOI

COMMENT/

MATH0P12

LOCATION/ 27 43.90 N 69 50.95 W MAGNETIC VARIATION/ 9 W
DATA TIME ORIGIN/ 73 XI 03 15.28.07.000 4
SAMPLES TAKEN EVERY 225.000 SECONDS

DATA SEQUENCE	UNITS	TYPE	MANF	INST	DEPTH M	BIAS VALUE
** (1) EAST	MM/SEC	R	10	DT-115	1017.00	.00000
** (2) NORTH	MM/SEC	R	10	DT-115	1017.00	.00000
** (3) DIRECTION	128.LVL.BI	B	10	DT-115	1017.00	0
** (4) SPEED	MM/SEC	M	10	DT-115	1017.00	0
** (5) ROTOR COUNT		I	10	DT-115	1017.00	0
** (6) TEMPERATURE	DEGREES C.	R	10	T#6105	1017.00	.00000
** (7) TOIF	DEGREES C.	R	10	50465053	1017.00	.00000
** (8) TIME	MS	T			.00	0

 NAMELIST PARAMETER SPECIFICATIONS

6	BUSY	F	T	DATPRE	0	NFC	1
7	NEWTAP	F	F	FORMC	3	NFSKP	8
8	TYP0	F	F	FVCODE	99	OBTYP	2403
9	TYP1	F	F	MBRE	2	PBSET	51
10	TYP2	F	F	NCLR	40		
11	TYP4	F	F				

	* PCODE	UCODE	DVCODE	CMETH	NUEC	SMUL	SADD	

16								15
17	1*	2660	240	0	80	2	1.00000	.000000
18	2*	2670	240	0	80	2	1.00000	.000000
19	3*	5000	500	0	80	3	1.00000	.000000
20	4*	5000	500	0	80	6	1.00000	.000000
21	5*	30	999	0	80	0	1.00000	.000000

24 FORMAT OF DATA CYCLE (LOGICAL RECORD)...
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 26 (2F10.2,F10.3,F10.6)

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'BUBY' FORMAT TO 'GATE' FORMAT DATA TRANSCRIPTION SUMMARY
DATE/ 19:48 DEC 14, '78

SOURCE DATA FILE/ 515C10E225

OUTPUT TAPE IDENTIFIER/ 89NN

SEQUENCE OF VARIABLES IN OUTPUT DATA CYCLE...

EAST	CM/S
NORTH	CM/S
TEMPERATURE	DEGREES C.
TDIF	DEGREES C.
TIME	YEAR
TIME	MONTH
TIME	DAY
TIME	HR,MIN,SEC

FORMAT OF OUTPUT DATA RECORDS...

(I1,I4,I10,I5,35(2F10.2,F10.3,F10.6,I4,I2,I2,I6),10X)

LENGTH OF DATA CYCLE (CHARACTERS) * 54
NUMBER OF DATA CYCLES/OUTPUT RECORD * 35

NUMBER OF OUTPUT DATA RECORDS * 457
NUMBER OF OUTPUT DATA CYCLES * 15969

OUTPUT DATA SPAN PERIOD

FROM 73° XI -03 15.28.07
TO 73° XII-15 05.28.07

WITH 225.000 SECONDS BETWEEN CYCLES

WGATE01
DATE/ 19:49 DEC 14, '78

DATA/ 515C5J225

FILE CREATED/ 10:35 AUG 26, '76

SOURCE/ WHB1

COMMENT/** THERMISTOR CALIBRATIONS CHANGED**

MATHOP12

LOCATION/ 27 43.90 N 69 50.95 W MAGNETIC VARIATION/ 9 W
DATA TIME ORIGIN/ 73 XI 03 15:31:52.000 Z
SAMPLES TAKEN EVERY 225.000 SECONDS

*** DATA SEQUENCE *** UNITS ***** TYPE * MANF *** INST *** DEPTH M ** BIAS VALUE ***

** (1) EAST * MM/SEC * R * 10 * DT=106 * 633.40 * 0.00000
** (2) NORTH * MM/SEC * R * 10 * DT=106 * 633.40 * 0.00000
** (3) DIRECTION * 128.LVL.BI * B * 10 * DT=106 * 633.40 * 0
** (4) SPEED * MM/SEC * H * 10 * DT=106 * 633.40 * 0
** (5) ROTOR * COUNT * I * 10 * DT=106 * 633.40 * 0
** (6) TEMPERATURE * DEGREES C. * R * * * T#6109 * 633.40 * 0.00000
** (7) TOIF * DEGREES C. * R * 10 * 50895057 * 1.74 * 0.00000
** (8) TIME * MS * T * * * * 0.00 * 0

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 NAMELIST PARAMETER SPECIFICATIONS

BUBY	=	T	DATPRE	=	0	NFC	=	1
NEWTAP	=	F	FBNMC	=	3	NFSKP	=	8
TYP0	=	F	FVCODE	=	99	#BTYP	=	2403
TYP1	=	F	MORE	=	2	PBSDET	=	51
TYP2	=	F	NCLR	=	40			
TYP4	=	F						

	* PCODE	UCODE	DVCODE	CMETH	NDEC	SMUL	SADD
1*	2660	240	0	80	2	1.00000	.000000
2*	2670	240	0	80	2	1.00000	.000000
3*	5000	500	0	80	3	1.00000	.000000
4*	5000	500	0	80	6	1.00000	.000000
5*	30	999	0	80	0	1.00000	.000000

FORMAT OF DATA CYCLE (LOGICAL RECORD)...

(2F10.2,F10.3,F10.6)

'BUOY' FORMAT TO 'GATE' FORMAT DATA TRANSCRIPTION SUMMARY
DATE/ 1958 DEC 14 '78

SOURCE DATA FILE/ 515C5J225

OUTPUT TAPE IDENTIFIER/ 55NN

SEQUENCE OF VARIABLES IN OUTPUT DATA CYCLE...

EAST	CM/S
NORTH	CM/S
TEMPERATURE	DEGREES C.
TDIF	DEGREES C.
TIME	YEAR
TIME	MONTH
TIME	DAY
TIME	HR,MIN,SEC

FORMAT OF OUTPUT DATA RECORDS...

(11,14,110,15,35(2F10.2,F10.3,F10.6,14,12,12,16),10X)

LENGTH OF DATA CYCLE (CHARACTERS) = 54
NUMBER OF DATA CYCLES/OUTPUT RECORD = 35

NUMBER OF OUTPUT DATA RECORDS = 457
NUMBER OF OUTPUT DATA CYCLES = 15968

OUTPUT DATA SPAN PERIOD

FROM 73° XI -03 15.31.52
TO 73° XII-15 05.28.07

WITH 225.000 SECONDS BETWEEN CYCLES

WGATE01
DATE/ 1958 DEC 14, '78

DATA/ 515C6C225

FILE CREATED/ 09:50 FEB 22, '74

SOURCE/ WHOI

COMMENT/ STDIF MEASURED OVER 1.74 METERS

MATH0P09

LOCATION/ 27 43.90 N 69 50.95 W

MAGNETIC VARIATION/ 9 W

DATA TIME ORIGIN/ 73- XI *03 15.28.08.000 Z

SAMPLES TAKEN EVERY 225.000 SECONDS

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*** DATA SEQUENCE *** UNITS ***** TYPE * MANF *** INST *** DEPTH M ** BIAS VALUE ***  
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** (1) EAST * MM/SEC * R * 10 * DT-109 * 724.50 * .00000  
** (2) NORTH * MM/SEC * R * 10 * DT-109 * 724.50 * .00000  
** (3) DIRECTION * 128.LVL.BI * B * 10 * DT-109 * 724.50 * 0  
** (4) SPEED * MM/SEC * H * 10 * DT-109 * 724.50 * 0  
** (5) TEMPERATURE * DEGREES C. * R * 10 * T#6089 * 724.50 * .00000  
** (6) IDIF * DEGREES C. * R * 10 * 50875069 * 724.50 * .00000  
** (7) TIME * MS * T * * * * .00 * 0
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 NAMELIST PARAMETER SPECIFICATIONS

BU0Y ■ T DATPRE ■ 0 NFC ■ 1
 NEWTAP ■ F F0RMC ■ 3 NFSKP ■ 8
 TYP0 ■ F FVCRDE ■ 99 0BTYP ■ 2403
 TYP1 ■ F MBRE ■ 2 P0SDET ■ 51
 TYP2 ■ F NCLR ■ 40
 TYP4 ■ F

 * PC0DE UC0DE DVC0DE CMETH NDEC SMUL SADD

 1* 2660 240 0 80 2 1.00000 .000000
 2* 2670 240 0 80 2 1.00000 .000000
 3* 5000 500 0 80 3 1.00000 .000000
 4* 5000 500 0 80 6 1.00000 .000000
 5* 30 999 0 80 0 1.00000 .000000

FORMAT OF DATA CYCLE (LOGICAL RECORD)...
 (2F10.2,F10.3,F10.6)

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'BUOY' FORMAT TO 'GATE' FORMAT DATA TRANSCRIPTION SUMMARY
DATE/ 20:09 DEC 14, '78

SOURCE DATA FILE/ 515C6C225

OUTPUT TAPE IDENTIFIER/ 59NN

SEQUENCE OF VARIABLES IN OUTPUT DATA CYCLE...

EAST	CM/S
NORTH	CM/S
TEMPERATURE	DEGREES C.
TDIF	DEGREES C.
TIME	YEAR
TIME	MONTH
TIME	DAY
TIME	HR,MIN,SEC

FORMAT OF OUTPUT DATA RECORDS...

(I1,I4,I10,I5,35(2F10.2,F10.3,F10.6,I4,I2,I2,I6),10X)

LENGTH OF DATA CYCLE (CHARACTERS) = 54
NUMBER OF DATA CYCLES/OUTPUT RECORD = 35

NUMBER OF OUTPUT DATA RECORDS = 457
NUMBER OF OUTPUT DATA CYCLES = 15968

OUTPUT DATA SPAN PERIOD

FROM 73° XI -03 15.28.08
TO 73° XII-15 05.24.23

WITH 225.000 SECONDS BETWEEN CYCLES

WGATE01
DATE/ 20105 DEC 14, '78

DATA/ 515C148900

FILE CREATED/ 13:11 FEB 28, '74

SOURCE/ WHB1

COMMENT/

MATH8P09

LOCATION/ 27 43.90 N 69 50.95 W MAGNETIC VARIATION/ 9 W
DATA TIME ORIGIN/ 73- XI -03 15.30.42.000 4
SAMPLES TAKEN EVERY 900.000 SECONDS

*** DATA SEQUENCE *** UNITS ***** TYPE * MANF *** INST *** DEPTH M ** BIAS VALUE ***

** (1) EAST COMP * MM/SEC * R * 02 * M-142T * 2044.30 * .00000
** (2) NORTH COMP * MM/SEC * R * 02 * M-142T * 2044.30 * .00000
** (3) DIRECTION * 128.LVL.BI * B * 02 * M-142T * 2044.30 * 0
** (4) SPEED * MM/SEC * H * 02 * M-142T * 2044.30 * 0
** (5) ROTOR * COUNT * H * 02 * M-142T * 2044.30 * 0
** (6) TEMPERATURE * DEGREES C. * R * 02 * T#3002 * 2044.30 * .00000
** (7) TIME * MS * T * * * * .00 * 0

 NAMELIST PARAMETER SPECIFICATIONS

BUBY	■	T	DATPRE	■	0	NFC	■	1
NEWTAP	■	F	FBRMC	■	3	NFSKP	■	8
TYP0	■	F	FVCODE	■	99	BBTYP	■	2403
TYP1	■	F	MORE	■	2	PBSDET	■	51
TYP2	■	F	NCLR	■	30			
TYP4	■	F						

* PCODE	UCODE	DVCODE	CMETH	NDEC	SMUL	SADD	

1*	2660	240	0	80	2	1.00000	.000000
2*	2670	240	0	80	2	1.00000	.000000
3*	5000	500	0	80	3	1.00000	.000000
4*	30	500	0	80	6	1.00000	.000000

FORMAT OF DATA CYCLE (LOGICAL RECORD)...

(2F10.2,F10.3)

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'BUBBY' FORMAT TO 'GATE' FORMAT DATA TRANSCRIPTION SUMMARY
DATE/ 20107 DEC 14, '78

SOURCE DATA FILE/ 515C14B900

OUTPUT TAPE IDENTIFIER/ 59NN

SEQUENCE OF VARIABLES IN OUTPUT DATA CYCLE...

EAST	CM/S
NORTH	CM/S
TEMPERATURE	DEGREES C.
TIME	YEAR
TIME	MONTH
TIME	DAY
TIME	HR,MIN,SEC

FORMAT OF OUTPUT DATA RECORDS...

(I1,I4,I10,I5,43(2F10.2,F10.3,I4,I2,I2,I6),8X)

LENGTH OF DATA CYCLE (CHARACTERS) = 44
NUMBER OF DATA CYCLES/OUTPUT RECORD = 43

NUMBER OF OUTPUT DATA RECORDS = 93
NUMBER OF OUTPUT DATA CYCLES = 3992

OUTPUT DATA SPAN PERIOD

FROM 73° XI -03 15.30.42
TO 73° XII-15 05.15.42

WITH 900.000 SECONDS BETWEEN CYCLES

WGATE01
DATE/ 20:07 DEC 14, '78

DATA/ 5101WA900

FILE CREATED/ 18:32 MAR 05, '74

SOURCE/ WHOI

COMMENT/

MATHSPO9

LOCATION/ 27 44.14 N 69 47.74 W
DATA TIME ORIGIN/ 73 X -26 13.45.40.000 Z
SAMPLES TAKEN EVERY 900.000 SECONDS

MAGNETIC VARIATION/ 9 W

*** DATA SEQUENCE *** UNITS ***** TYPE * MANF *** INST *** DEPTH M ** BIAS VALUE ***

23 ** (1) EAST COMP * DM/SEC * R * 02 * W=270X * * .00 * .00000
24 ** (2) NORTH COMP * DM/SEC * R * 02 * W=270X * * .00 * .00000
25 ** (3) DIRECTION * 128.LVL.BI * B * 02 * W=270X * * .00 * 0
26 ** (4) SPEED * DM/SEC * H * 02 * W=270X * * .00 * 0
27 ** (5) TIME * MS * T * * * * .00 * 0

 NAMELIST PARAMETER SPECIFICATIONS

5	BU9Y	■	T	DATPRE	■	0	NFC	■	1
6	NEWTAP	■	F	FBRMC	■	3	NFSKP	■	8
7	TYP0	■	F	FVCNDE	■	99	0BTYP	■	2403
8	TYP1	■	F	M0RE	■	0	P0SDET	■	51
9	TYP2	■	F	NCLR	■	20			
10	TYP4	■	F						

14	*****							
15	■	PCODE	UCODE	DVCODE	CMETH	NDEC	SMUL	SADD
16	*****							
17	1*	2460	240	0	80	2	1.00000	.000000
18	2*	2470	240	0	80	2	1.00000	.000000
19	3*	30	500	0	80	3	1.00000	.000000

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 22 FORMAT OF DATA CYCLE (LOGICAL RECORD) ...
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 24 (2F10.2)
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'BUBBY' FORMAT TO 'GATE' FORMAT DATA TRANSCRIPTION SUMMARY
DATE/ 20:09 DEC 14, '78

SOURCE DATA FILE/ 5101WA900

OUTPUT TAPE IDENTIFIER/ \$\$\$N

SEQUENCE OF VARIABLES IN OUTPUT DATA CYCLE...

EAST	CM/S
NORTH	CM/S
TIME	YEAR
TIME	MONTH
TIME	DAY
TIME	HR,MIN,SEC

FORMAT OF OUTPUT DATA RECORDS...

(11,14,110,15,55(2F10.2,14,12,12,16),30X)

LENGTH OF DATA CYCLE (CHARACTERS) = 34
NUMBER OF DATA CYCLES/OUTPUT RECORD = 55

NUMBER OF OUTPUT DATA RECORDS = 90
NUMBER OF OUTPUT DATA CYCLES = 4926

OUTPUT DATA SPAN PERIOD

FROM 73- X -26 13:45:40
TO 73- XII-16 21:00:40

WITH 900.000 SECONDS BETWEEN CYCLES

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
7900089	F015	TT0454	9999	3102	317F	1973/11/03	515A1H22	309051
7900089	F015	TT0455	9999	3102	317F	1973/11/03	515-A4C2	309052
7900089	F015	TT0456	9999	3102	317F	1973/11/03	515A5D22	309053
7900089	F015	TT0457	9999	3102	317F	1973/11/03	515A14B9	309054
7900089	F015	TT0458	9999	3102	317F	1973/11/03	515-B4C2	309055
7900089	F015	TT0459	9999	3102	317F	1973/11/03	515B5F22	309056
7900089	F015	TT0460	9999	3102	317F	1973/11/03	515B10D2	309057
7900089	F015	TT0461	9999	3102	317F	1973/11/03	515B14C9	309058
7900089	F015	TT0462	9999	3102	317F	1973/11/03	515C10E2	309059
7900089	F015	TT0463	9999	3102	317F	1973/11/03	515C5J22	309060
7900089	F015	TT0464	9999	3102	317F	1973/11/03	515C6C22	309061
7900089	F015	TT0465	9999	3102	317F	1973/11/03	515C14B9	309062

(12 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
7900089	F015	TT0454	317F	1	15970	73/11/03	73/12/01
7900089	F015	TT0455	317F	1	15970	73/11/03	73/12/01
7900089	F015	TT0456	317F	1	15970	73/11/03	73/12/01
7900089	F015	TT0457	317F	1	3993	73/11/03	73/12/01
7900089	F015	TT0458	317F	1	15970	73/11/03	73/12/01
7900089	F015	TT0459	317F	1	15969	73/11/03	73/12/01
7900089	F015	TT0460	317F	1	15970	73/11/03	73/12/01
7900089	F015	TT0461	317F	1	3993	73/11/03	73/12/01
7900089	F015	TT0462	317F	1	15970	73/11/03	73/12/01
7900089	F015	TT0463	317F	1	15969	73/11/03	73/12/01
7900089	F015	TT0464	317F	1	15969	73/11/03	73/12/01
7900089	F015	TT0465	317F	1	3993	73/11/03	73/12/01

(12 rows affected)