

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
9100029	TV6044	F156	0168	313B	32DB	8844	12/01/90	12/31/90	1	218
9100029	TV6045	F156	0168	313B	32DB	8845	12/01/90	12/31/90	1	221
9100029	TV6046	F156	0168	313B	32DB	5571	12/01/90	12/31/90	1	276
9100029	TV6047	F156	0168	313B	32DB	12300	12/01/90	12/31/90	1	274
9100029	TV6048	F156	0168	313B	32DB	12304	12/01/90	12/31/90	1	262
9100029	TV6049	F156	0168	313B	32DB	12306	12/01/90	12/31/90	1	282
9100029	TV6050	F156	0168	313B	32DB	5118	12/10/90	12/14/90	1	40
9100029	TV6051	F156	0168	313B	32DB	7491	12/01/90	12/31/90	1	253
9100029	TV6052	F156	0168	313B	32DB	12307	12/01/90	12/31/90	1	284
9100029	TV6053	F156	0168	313B	32DB	12308	12/01/90	12/31/90	1	296
9100029	TV6054	F156	0168	313B	32DB	12296	12/01/90	12/31/90	1	401
9100029	TV6055	F156	0168	313B	32DB	12297	12/01/90	12/31/90	1	326
9100029	TV6056	F156	0168	313B	32DB	12298	12/01/90	12/31/90	1	318
9100029	TV6057	F156	0168	313B	32DB	12305	12/01/90	12/31/90	1	311
9100029	TV6058	F156	0168	313B	32DB	6762	12/01/90	12/31/90	1	266
9100029	TV6059	F156	0168	313B	32DB	6763	12/01/90	12/31/90	1	311
9100029	TV6060	F156	0168	313B	32DB	6764	12/01/90	12/31/90	1	308
9100029	TV6061	F156	0168	313B	32DB	6585	12/01/90	12/31/90	1	256
9100029	TV6062	F156	0168	313B	32DB	6586	12/01/90	12/31/90	1	282
9100029	TV6063	F156	0168	313B	32DB	6583	12/01/90	12/31/90	1	236
9100029	TV6064	F156	0168	313B	32DB	6731	12/01/90	12/31/90	1	268
9100029	TV6065	F156	0168	313B	32DB	8843	12/01/90	12/31/90	1	227
9100029	TV6066	F156	0168	313B	32DB	9221	12/12/90	12/31/90	1	237
9100029	TV6067	F156	0168	313B	32DB	9222	12/01/90	12/31/90	1	247
9100029	TV6068	F156	0168	313B	32DB	9217	12/01/90	12/31/90	1	176

25 6576

ACCESSION NO. 9100029 FILETYPE F156

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

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

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	NO. LRECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	2/6/91	TK	A01362	2	80	4080	6630
DUPLICATE TAPE	2/20/91	TK	W14082 (1)	1	80	4080	6630
REFORMATTED TAPE							
REFORMATTED DISK	3-6-91	FJM	DNODE*DEC156OUT	1	80	224	6576
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR: (1) DNODE\*9100029-01. SL, 9TR, 1600

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

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)



**U.S. DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric Administration**  
National Data Buoy Center  
Stennis Space Center, Mississippi 39529-6000

January 28, 1991

F1804-02  
DB3:91-0029  
EAM:ldm

Mr. Anthony Picciolo  
Chief Data Acquisition Management Branch  
NODC/NESDIS/NOAA  
Universal South  
1825 Connecticut Avenue, NW  
Room 416  
Washington, DC 20235

Dear Sir:

Enclosed is the 9TK 1600 BPI, NDBC Drifting Buoy tape for December 1990, recorded in the 156 tape format. The enclosure contains a list of stations that are on the tape.

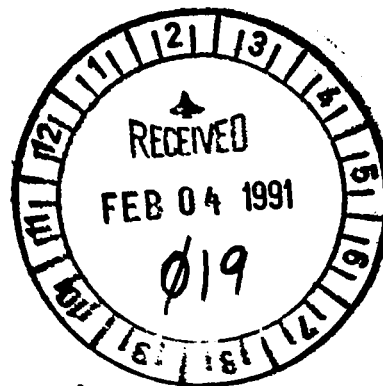
If you have any questions, please call B.G. Redmon at FTS 494-2834, or Commercial (601) 688-2834.

Sincerely,

*Eric A. Meindl*

Eric A. Meindl  
Assistant Chief  
Data Systems Division

# 9100029



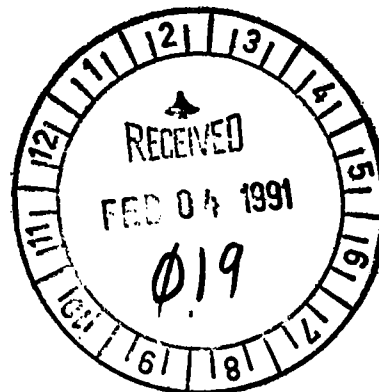
A01362



DRIFTING BUOYS ARCHIVED FOR DECEMBER, 1990

14803  
14804  
17803  
17804  
17805  
17806  
17808  
32814  
33509  
33510  
33826  
33827  
33828  
33830  
54829  
54830  
54831  
54832  
54833  
54834  
54835  
55802  
56827  
56829  
56831

25-



User Name <i>T. KNAPIK</i>	Phone # <i>673-5643</i>	Org/Task <i>EG-13</i>	Submit Date <i>2/8/91</i>	Due Date
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### PART A

#### Request/Problem Category

- |   |   |   |                                   |
|---|---|---|-----------------------------------|
| <input type="checkbox"/> General Info   | <input type="checkbox"/> Communications | <input type="checkbox"/> Equipment                      | <input type="checkbox"/> Supplies |
| <input type="checkbox"/> Software       | <input type="checkbox"/> Tape Library   | <input checked="" type="checkbox"/> Computer Operations |                                   |
| <input type="checkbox"/> Other Specify: |   |   |                                   |

#### Request/Problem Description:

*tape copy to "W" tape*

### PART B

(For Operator Job Requests)

#### Operator Job Request Type

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

#### Special Operator Instructions:

*Assign "W" tape number  
Retain originators tape.  
Please put "W" tape in BIN-38.*

#### JOB INPUT

Id#/Filename: *A41362(D44363)*

Medium: ☒ Tape ☐ Disk ☐ Diskette ☐ Other Specify:

Code: ☒ ASCII ☐ EBCDIC ☐ Binary ☐ Other Specify:

Tape Specs: ☐ 800 ☒ 1600 ☐ 6250 ☒ NL ☐ SL

MAX Record Length: *80* MAX Blocksize: *4080*

#### JOB OUTPUT

Id#/Filename: *JNODC\*9100029-01*

*W14082*

Medium: ☒ Tape ☐ Disk ☐ Diskette ☐ Other Specify:

Code: ☒ ASCII ☐ EBCDIC ☐ Binary ☐ Other Specify:

Tape Specs: ☐ 800 ☒ 1600 ☐ 6250 ☐ NL ☒ SL

Record Length: *80* MAX Blocksize: *4080*

(OC3 Use Only)

JOB Number: *91421243*

Completed By: *2.8.*

Date/Time Start: *2-15-91/14:20*

Date/Time Completed: *2-15-91*

User Name <i>LNAPIK</i>	Phone # <i>673-5643</i>	Org/Task <i>4300</i>	Submit Date <i>2/6/91</i>	Due Date
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# PART A

## Request/Problem Category

- ☐ General Info    ☐ Communications    ☐ Equipment    ☐ Supplies  
☐ Software    ☐ Data    ☐ Other

Operator Job Request Type

## Operator Job Request Type

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

## Special Operator Instructions:

*Please return tape to Box-38*

## JOB INPUT

Id#/Filename: *A01362*

Medium: ☒ Tape ☐ Disk ☐ Diskette ☐ Other Specify:

Code: ☒ ASCII ☐ EBCDIC ☐ Binary ☐ Other Specify:

Tape Specs: ☐ 800 ☒ 1600 ☐ 6250 ☒ NL ☐ SL

MAX Record Length: \_\_\_\_\_ *80* MAX Blocksize: *4080*

## JOB OUTPUT

Id#/Filename: \_\_\_\_\_

Medium: ☒ Tape ☐ Disk ☐ Diskette ☐ Other Specify:

Code: ☒ ASCII ☐ EBCDIC ☐ Binary ☐ Other Specify:

Tape Specs: ☐ 800 ☒ 1600 ☐ 6250 ☒ NL ☐ SL

Record Length: \_\_\_\_\_ *80* MAX Blocksize: *4080*

(OC3 Use Only)

JOB Number: *91424748*

Completed By: *9/8*

Date/Time Start: *2-7-91/14:35*

Date/Time Completed: *2-7-91/14:40*

NODC "156" FORMAT

Recording Mode: ASCII

Number of Tracks: 9

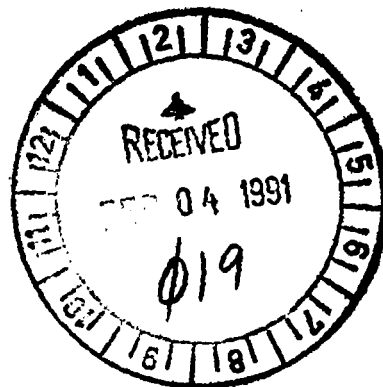
Parity: Odd

Density: 1600 BPI

Physical Block Length in Bytes: 4080

Length of Bytes in Bits: 8

Note: The first three characters are always 156.



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### File structure -

Five 80-character records: (1) Header Record, (2) Launch Summary Record, (3) Data Record, (4) Subsurface Record, and (5) Text Record. Note: This file format supersedes File Format 056; investigators should report new data in this format.

### File format -

#### Lagrangian Current Measurements (F156)

PARAMETER	DESCRIPTION	SC
HEADER RECORD	ALWAYS 'A'	10
DROGUE NUMBER	FIVE-CHARACTER FIELD ASSIGNED BY INVESTIGATOR - ANALOGOUS TO STATION NUMBER	11
DROGUE TYPE	FIVE CHARACTER FIELD FOR INDICATING TYPE OF DROGUE - DETERMINED BY INVESTIGATOR	16
PRINCIPAL INVESTIGATOR	15-CHARACTER FIELD FOR NAME OF PRINCIPAL INVESTIGATOR	21
INSTITUTION OR AGENCY	15-CHARACTER FIELD FOR NAME OF INSTITUTION OR AGENCY	36
PLATFORM NAME	12-CHARACTER FIELD FOR NAME OF PLATFORM ACQUIRING DATA OR DEPLOYING BUOY	51
BUOY NUMBER	5 4-CHARACTER FIELD FOR IDENTIFYING THE BUOY ASSOCIATED WITH DROGUE	63
BLANKS		<del>47</del> 48
LAUNCH SUMMARY RECORD	ALWAYS 'B' - ONLY ONE OF THESE RECORDS SHOULD BE SUBMITTED WITH EACH DROGUE DEPLOYMENT	10
DROGUE NUMBER	SEE RECORD 'A'	11
LAUNCH POSITION:	POSITION AT DEPLOYMENT	
LATITUDE	DDMMSS PLUS HEMISPHERE 'N' OR 'S'	16
LONGITUDE	DDMMSS PLUS HEMISPHERE 'E' OR 'W'	23
END POSITION:	POSITION AT PICKUP OR TERMINATION OF OBSERVATIONS	
LATITUDE	DDMMSS PLUS HEMISPHERE 'N' OR 'S'	31
LONGITUDE	DDMMSS PLUS HEMISPHERE 'E' OR 'W'	36
LAUNCH DATE (GMT)	YYMMDD	45
LAUNCH TIME (GMT)	XXXX-HOURS AND MINUTES	52
END DATE (GMT)	YYMMDD	56
END TIME (GMT)	XXXX-HOURS AND MINUTES	62
DROGUE DEPTH	XXXX-DEPTH IN METERS	66
OBSERVATION FREQUENCY	XXXX-HOURS AND MINUTES - USE WHEN BUOY POSITIONS ARE REPORTED AT SPECIFIC TIME INTERVALS	70
BLANKS		74



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DATA RECORD	ALWAYS 'C' - EACH RECORD CONTAINS INDIVIDUAL DROGUE POSITION AND ASSOCIATED SEA SURFACE CONDITIONS SEE RECORD 'A'	10 11
DROGUE NUMBER		
OBSERVED POSITION		
LATITUDE	DDMMSS PLUS HEMISPHERE 'N' OR 'S'	16
LONGITUDE	DDMMSS PLUS HEMISPHERE 'E' OR 'W'	23
OBSERVED DATE (GMT)	YYMMDD	31
OBSERVED TIME (GMT)	XXXX-HOURS AND MINUTES	37
SURFACE TEMPERATURE	XXX-DEG C (TO TENTHS)	41
SURFACE SALINITY	XXXX-PARTS PER THOUSAND (TO HUNDREDTHS)	44
ATMOSPHERIC PRESSURE	XXXXXX-MILLIBARS (TO HUNDREDTHS)	48
WIND SPEED	XX-METERS PER SECOND	54
WIND DIRECTION	XX-TENS OF DEGREES	56
WIND FORCE	ONE-CHARACTER CODE - USE CODE 0052	58
WAVE HEIGHT	ONE-CHARACTER CODE - USE CODE 0104	59
WAVE PERIOD	ONE-CHARACTER CODE - USE CODE 0378	60
SEA STATE	ONE-CHARACTER CODE - USE CODE 0109	61
BOTTOM DEPTH	XXXX-BOTTOM DEPTH AT REPORTED BUOY POSITION (DEPTH IN METERS)	62
AIR TEMPERATURE	XXX - DEG C TO TENTHS. NEGATIVE VALUES PRECEDED BY MINUS SIGN	66
BLANKS		70
SEQUENCE NUMBER	XXXX-USE TO SORT RECORDS FOR EACH DROGUE/BUOY - SEQUENCE NUMBERS SHOULD BE IN ASCENDING ORDER	77
SUBSURFACE RECORD	ALWAYS 'D' - EACH RECORD CONTAINS SUBSURFACE DATA ASSOCIATED WITH THE DROGUES. SEE RECORD 'A'	10 11
DROGUE NUMBER		
DEPTH	XXXXX - METERS TO HUNDREDTHS	13
PRESSURE	XXXXX - DECIBARS TO HUNDREDTHS	21
TEMPERATURE	XXX - DEG C TO TENTHS. NEGATIVE VALUES PRECEDED BY MINUS SIGN	26
DEPTH	XXXXX - METERS TO HUNDREDTHS	29
PRESSURE	XXXXX - DECIBARS TO HUNDREDTHS	34
TEMPERATURE	XXX - DEG C TO TENTHS	39
DEPTH	XXXXX - METERS TO HUNDREDTHS	42
PRESSURE	XXXXX - DECIBARS TO HUNDREDTHS	47
TEMPERATURE	XXX - DEG C TO TENTHS	52
DEPTH	XXXXX - METERS TO HUNDREDTHS	55
PRESSURE	XXXXX - DECIBARS TO HUNDREDTHS	60
TEMPERATURE	XXX - DEG C TO TENTHS	65
BLANKS		68
SEQUENCE NUMBER	XXXX - SEE ABOVE	77
TEXT RECORD	ALWAYS 'T' - USE FOR COMMENTS AND OTHER INFORMATION	10
DROGUE NUMBER	SEE RECORD 'A'	11
TEXT	61-CHARACTER FIELD FOR COMMENTS - MULTIPLE TEXT RECORDS MAY BE USED TO DESCRIBE INDIVIDUAL DROGUE OBSERVATIONS OR FOR GENERAL COMMENTS	16
SEQUENCE NUMBER	TEXT RECORDS MAY BE INSERTED BETWEEN OR FOLLOW DATA RECORDS DEPENDING ON THE NATURE OF THE COMMENTS. THE ORDER OF SEQUENCE NUMBERS SHOULD REFLECT THE PROPER SORTING OF COMBINED DATA AND TRACK RECORDS FOR EACH DROGUE/BUOY.	77

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
9100029	F156	TV6044	0168	313B	32DB	1990/12/01	8844	194498
9100029	F156	TV6045	0168	313B	32DB	1990/12/01	8845	194499
9100029	F156	TV6046	0168	313B	32DB	1990/12/01	5571	194500
9100029	F156	TV6047	0168	313B	32DB	1990/12/01	12300	194501
9100029	F156	TV6048	0168	313B	32DB	1990/12/01	12304	194502
9100029	F156	TV6049	0168	313B	32DB	1990/12/01	12306	194503
9100029	F156	TV6050	0168	313B	32DB	1990/12/10	5118	194504
9100029	F156	TV6051	0168	313B	32DB	1990/12/01	7491	194505
9100029	F156	TV6052	0168	313B	32DB	1990/12/01	12307	194506
9100029	F156	TV6053	0168	313B	32DB	1990/12/01	12308	194507
9100029	F156	TV6054	0168	313B	32DB	1990/12/01	12296	194508
9100029	F156	TV6055	0168	313B	32DB	1990/12/01	12297	194509
9100029	F156	TV6056	0168	313B	32DB	1990/12/01	12298	194510
9100029	F156	TV6057	0168	313B	32DB	1990/12/01	12305	194511
9100029	F156	TV6058	0168	313B	32DB	1990/12/01	6762	194512
9100029	F156	TV6059	0168	313B	32DB	1990/12/01	6763	194513
9100029	F156	TV6060	0168	313B	32DB	1990/12/01	6764	194514
9100029	F156	TV6061	0168	313B	32DB	1990/12/01	6585	194515
9100029	F156	TV6062	0168	313B	32DB	1990/12/01	6586	194516
9100029	F156	TV6063	0168	313B	32DB	1990/12/01	6583	194517
9100029	F156	TV6064	0168	313B	32DB	1990/12/01	6731	194518
9100029	F156	TV6065	0168	313B	32DB	1990/12/01	8843	194519
9100029	F156	TV6066	0168	313B	32DB	1990/12/12	9221	194520
9100029	F156	TV6067	0168	313B	32DB	1990/12/01	9222	194521
9100029	F156	TV6068	0168	313B	32DB	1990/12/01	9217	194522

(25 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
9100029	F156	TV6044	32DB	1	218	90/12/01	90/12/31
9100029	F156	TV6045	32DB	1	221	90/12/01	90/12/31
9100029	F156	TV6046	32DB	1	276	90/12/01	90/12/31
9100029	F156	TV6047	32DB	1	274	90/12/01	90/12/31
9100029	F156	TV6048	32DB	1	262	90/12/01	90/12/31
9100029	F156	TV6049	32DB	1	282	90/12/01	90/12/31
9100029	F156	TV6050	32DB	1	40	90/12/10	90/12/14
9100029	F156	TV6051	32DB	1	253	90/12/01	90/12/31
9100029	F156	TV6052	32DB	1	284	90/12/01	90/12/31
9100029	F156	TV6053	32DB	1	296	90/12/01	90/12/31
9100029	F156	TV6054	32DB	1	401	90/12/01	90/12/31
9100029	F156	TV6055	32DB	1	326	90/12/01	90/12/31
9100029	F156	TV6056	32DB	1	318	90/12/01	90/12/31
9100029	F156	TV6057	32DB	1	311	90/12/01	90/12/31
9100029	F156	TV6058	32DB	1	266	90/12/01	90/12/31
9100029	F156	TV6059	32DB	1	311	90/12/01	90/12/31
9100029	F156	TV6060	32DB	1	308	90/12/01	90/12/31
9100029	F156	TV6061	32DB	1	256	90/12/01	90/12/31
9100029	F156	TV6062	32DB	1	282	90/12/01	90/12/31
9100029	F156	TV6063	32DB	1	236	90/12/01	90/12/31
9100029	F156	TV6064	32DB	1	268	90/12/01	90/12/31
9100029	F156	TV6065	32DB	1	227	90/12/01	90/12/31
9100029	F156	TV6066	32DB	1	237	90/12/12	90/12/31
9100029	F156	TV6067	32DB	1	247	90/12/01	90/12/31
9100029	F156	TV6068	32DB	1	176	90/12/01	90/12/31

(25 rows affected)