

03/06/90

TO: E/OC12 - Branch Chief

E/OC11 - P. Hadsell

FROM: E/OC13 - A. Picciolo

SUBJECT: Data Transfer

The following listed data sets have been transferred as indicated:

Drifting Buoys (F156)

Acc: 9000035 Ref: TV5294 - TV5315 22 sta. 4,469 rec.

NOAA-NDBC

(TOGA; December 1989)

cc: Division Director

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
9000035	TV5294	F156	0168	313B	32DB	8844	12/20/89	12/31/89	1	69
9000035	TV5295	F156	0168	313B	32DB	8823	12/01/89	12/31/89	1	283
9000035	TV5296	F156	0168	313B	32DB	8953	12/01/89	12/31/89	1	254
9000035	TV5297	F156	0168	313B	32DB	8954	12/01/89	12/31/89	1	196
9000035	TV5298	F156	0168	313B	32DB	5571	12/01/89	12/31/89	1	60
9000035	TV5299	F156	0168	313B	32DB	8846	12/01/89	12/31/89	1	230
9000035	TV5300	F156	0168	313B	32DB	8847	12/01/89	12/31/89	1	227
9000035	TV5301	F156	0168	313B	32DB	8950	12/01/89	12/31/89	1	276
9000035	TV5302	F156	0168	313B	32DB	8813	12/03/89	12/08/89	1	21
9000035	TV5303	F156	0168	313B	32DB	8831	12/01/89	12/18/89	1	83
9000035	TV5304	F156	0168	313B	32DB	8965	12/01/89	12/31/89	1	287
9000035	TV5305	F156	0168	313B	32DB	8966	12/01/89	12/31/89	1	285
9000035	TV5306	F156	0168	313B	32DB	8835	12/01/89	12/15/89	1	16
9000035	TV5307	F156	0168	313B	32DB	8836	12/01/89	12/31/89	1	255
9000035	TV5308	F156	0168	313B	32DB	9223	12/01/89	12/31/89	1	284
9000035	TV5309	F156	0168	313B	32DB	8843	12/20/89	12/31/89	1	89
9000035	TV5310	F156	0168	313B	32DB	6785	12/01/89	12/31/89	1	269
9000035	TV5311	F156	0168	313B	32DB	6760	12/01/89	12/22/89	1	245
9000035	TV5312	F156	0168	313B	32DB	8841	12/01/89	12/31/89	1	173
9000035	TV5313	F156	0168	313B	32DB	8833	12/01/89	12/31/89	1	315
9000035	TV5314	F156	0168	313B	32DB	8842	12/01/89	12/31/89	1	218
9000035	TV5315	F156	0168	313B	32DB	8961	12/01/89	12/31/89	1	334

NO. 9000035

FILETYPE _____

TRACK NO. _____

PROJECT IDENTIFICATION _____

	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECORDS
E	02/21/90	CMT	A01085	1	80	4080	4539
TAPE	02/23/90	CMT	W01452 **	1	80	4080	4539
TO TAPE							
TO DISK	3-2-90	FJM	DNODC * DEC OUT 156:	1	80	224	4,469
CHECK							
CHECK							
022							
FINALIZED							

REPORTED TO PRINCIPAL INVESTIGATOR: ^{DSN =} ~~DNODC~~ * 9000035 -01,
Tape W01452 is 9TRK, SL; 1600 bpi.

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

(TRACKS DELETED, FIELDS DELETED, ETC.)

NAME <i>Cliff Hartley</i>	PHONE # <i>673-5436</i>	ORG/TASK # <i>EG12008N3HH9</i>	DATE <i>02/22/90</i>	DATE DUE <i>ASAP</i>	LTN # <i>09</i>
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Copy to a 'W' tape
Please scan 'W' tape

INPUT MEDIUM PAPER CARD DISK <u>TAPE</u> DISKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK <u>PRINT</u> <u>TAPE</u> PLOT DISKETTE OTHER(SPECIFY)
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TAPE/DISKETTE INFORMATION

TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
<i>A01085</i>		<i>9</i>	<i>1600</i>	<i>ODD</i>	<i>NL</i>	<i>FB</i>	<i>80</i>	<i>4080</i>	<i>1</i>
SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
<u>TAPE #/</u> DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
<i>W01452</i>		<i>9</i>	<i>1600</i>	<i>ODD</i>	<i>SL</i>	<i>FB</i>	<i>80</i>	<i>4080</i>	<i>1</i>
SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME <i>DNVDC*9000035-01.</i>			PURGE DATE

SPECIAL INSTRUCTIONS

Please send 'W' tape to Asheville, N.C.

ESTIMATED
EXECUTION
TIME

USE ONLY

#	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
<i>1002306</i>	<i>2-23-90</i>	<i>12:15</i>	<i>12:20</i>	<i>C</i>	<i>COMPLETED BY J.S.</i>

Please scan tape

INPUT MEDIUM PAPER CARD DISK <u>TAPE</u> DISKETTE OTHER(SPECIFY)				OUTPUT MEDIUM CARD DISK <u>PRINT</u> TAPE PLOT DISKETTE OTHER(SPECIFY)			
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TAPE/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
INPUT	A01085		9	1600					4080	1
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
OUTPUT	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY TYPE	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

SPECIAL INSTRUCTIONS

Please return tape A01085 to Bin 09.

ESTIMATED
EXECUTION
TIME

D731 USE ONLY

JOB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
10021001	2-21-90	7:35	7:40	C	COMPLETED BY JS.

COMMENTS



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

9000035
A01085

January 30, 1990

F1804-02
DB3:90-0031
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:

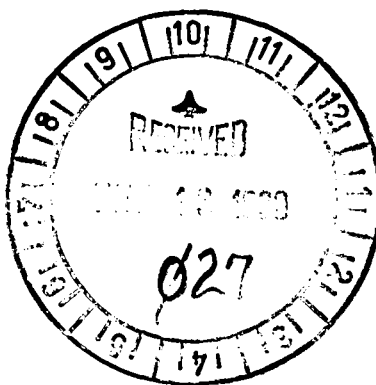
Enclosed is the 9TK 1600 BPI, NDBC Drifting Buoy tape for December 1989, recorded in the 156 tape format. The enclosure contains a list of stations that are on the tape.

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



NODC "156" FORMAT

Recording Mode: ASCII

Number of Tracks: 9

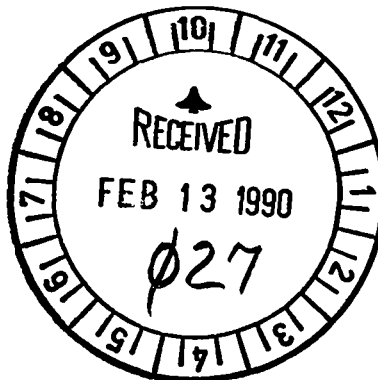
Parity: Odd

Density: 1600 BPI

Physical Block Length in Bytes: 4080

Length of Bytes in Bits: 8

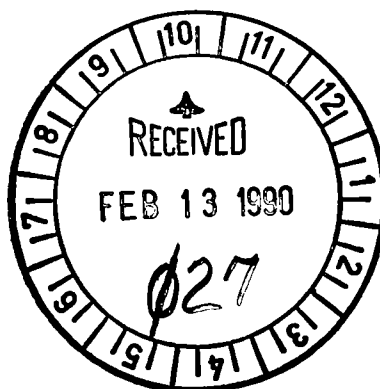
Note: The first three characters are always 156.



DRIFTING BUOYS ARCHIVED FOR DECEMBER, 1989

14803
16805
17801
17802
17803
17820
17821
17823
33815
33821 ✓
33823
33824
54826
54828
55801
55802
55829
56823
56824
56825 ✓
56826
73801

22 Buoy/S



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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		47-68
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'	15
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	52
DROGUE DEPTH	XXXX-DEPTH IN METERS	56
OBSERVATION	XXXX-HOURS AND MINUTES - USE WHEN BUOY POSITIONS ARE REPORTED AT SPECIFIC TIME INTERVALS	70
FREQUENCY		
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
DROGUE NUMBER		11
OBSERVED POSITION		
LATITUDE	DDMMSS PLUS HEMISPHERE 'N' OR 'S'	18
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	58
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	XXXX - 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
DROGUE NUMBER		11
DEPTH	XXXX - METERS TO HUNDREDTHS	13
PRESSURE	XXXX - DECIBARS TO HUNDREDTHS	21
TEMPERATURE	XXX - DEG C TO TENTHS. NEGATIVE VALUES PRECEDED BY MINUS SIGN	26
DEPTH	XXXX - METERS TO HUNDREDTHS	29
PRESSURE	XXXX - DECIBARS TO HUNDREDTHS	34
TEMPERATURE	XXX - DEG C TO TENTHS	39
DEPTH	XXXX - METERS TO HUNDREDTHS	42
PRESSURE	XXXX - DECIBARS TO HUNDREDTHS	47
TEMPERATURE	XXX - DEG C TO TENTHS	52
DEPTH	XXXX - METERS TO HUNDREDTHS	55
PRESSURE	XXXX - 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
9000035	F156	TV5294	0168	313B	32DB	1989/12/20	8844	190309
9000035	F156	TV5295	0168	313B	32DB	1989/12/01	8823	190310
9000035	F156	TV5296	0168	313B	32DB	1989/12/01	8953	190311
9000035	F156	TV5297	0168	313B	32DB	1989/12/01	8954	190312
9000035	F156	TV5298	0168	313B	32DB	1989/12/01	5571	190313
9000035	F156	TV5299	0168	313B	32DB	1989/12/01	8846	190314
9000035	F156	TV5300	0168	313B	32DB	1989/12/01	8847	190315
9000035	F156	TV5301	0168	313B	32DB	1989/12/01	8950	190316
9000035	F156	TV5302	0168	313B	32DB	1989/12/03	8813	190317
9000035	F156	TV5303	0168	313B	32DB	1989/12/01	8831	190318
9000035	F156	TV5304	0168	313B	32DB	1989/12/01	8965	190319
9000035	F156	TV5305	0168	313B	32DB	1989/12/01	8966	190320
9000035	F156	TV5306	0168	313B	32DB	1989/12/01	8835	190321
9000035	F156	TV5307	0168	313B	32DB	1989/12/01	8836	190322
9000035	F156	TV5308	0168	313B	32DB	1989/12/01	9223	190323
9000035	F156	TV5309	0168	313B	32DB	1989/12/20	8843	190324
9000035	F156	TV5310	0168	313B	32DB	1989/12/01	6785	190325
9000035	F156	TV5311	0168	313B	32DB	1989/12/01	6760	190326
9000035	F156	TV5312	0168	313B	32DB	1989/12/01	8841	190327
9000035	F156	TV5313	0168	313B	32DB	1989/12/01	8833	190328
9000035	F156	TV5314	0168	313B	32DB	1989/12/01	8842	190329
9000035	F156	TV5315	0168	313B	32DB	1989/12/01	8961	190330

(22 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
9000035	F156	TV5294	32DB	1	69	89/12/20	89/12/20
9000035	F156	TV5295	32DB	1	283	89/12/01	89/12/01
9000035	F156	TV5296	32DB	1	254	89/12/01	89/12/01
9000035	F156	TV5297	32DB	1	196	89/12/01	89/12/01
9000035	F156	TV5298	32DB	1	60	89/12/01	89/12/01
9000035	F156	TV5299	32DB	1	230	89/12/01	89/12/01
9000035	F156	TV5300	32DB	1	227	89/12/01	89/12/01
9000035	F156	TV5301	32DB	1	276	89/12/01	89/12/01
9000035	F156	TV5302	32DB	1	21	89/12/03	89/12/03
9000035	F156	TV5303	32DB	1	83	89/12/01	89/12/01
9000035	F156	TV5304	32DB	1	287	89/12/01	89/12/01
9000035	F156	TV5305	32DB	1	285	89/12/01	89/12/01
9000035	F156	TV5306	32DB	1	16	89/12/01	89/12/01
9000035	F156	TV5307	32DB	1	255	89/12/01	89/12/01
9000035	F156	TV5308	32DB	1	284	89/12/01	89/12/01
9000035	F156	TV5309	32DB	1	89	89/12/20	89/12/20
9000035	F156	TV5310	32DB	1	269	89/12/01	89/12/01
9000035	F156	TV5311	32DB	1	245	89/12/01	89/12/01
9000035	F156	TV5312	32DB	1	173	89/12/01	89/12/01
9000035	F156	TV5313	32DB	1	315	89/12/01	89/12/01
9000035	F156	TV5314	32DB	1	218	89/12/01	89/12/01
9000035	F156	TV5315	32DB	1	334	89/12/01	89/12/01

(22 rows affected)