

F156 9200267

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
9200267	TW5500	F156	0168	313B	32DB	5133	09/01/92	09/30/92	1	298
9200267	TW5501	F156	0168	313B	32DB	12309	09/01/92	09/30/92	1	269
9200267	TW5502	F156	0168	313B	32DB	5125	09/01/92	09/30/92	1	200
9200267	TW5503	F156	0168	313B	32DB	1981	09/17/92	09/30/92	1	145
9200267	TW5504	F156	0168	313B	32DB	1968	09/01/92	09/30/92	1	224
9200267	TW5505	F156	0168	313B	32DB	5129	09/01/92	09/30/92	1	190
9200267	TW5506	F156	0168	313B	32DB	12308	09/01/92	09/30/92	1	224
9200267	TW5507	F156	0168	313B	32DB	1967	09/01/92	09/30/92	1	225
9200267	TW5508	F156	0168	313B	32DB	1973	09/01/92	09/30/92	1	204
9200267	TW5509	F156	0168	313B	32DB	1993	09/01/92	09/30/92	1	214
9200267	TW5510	F156	0168	313B	32DB	1975	09/01/92	09/30/92	1	248
9200267	TW5511	F156	0168	313B	32DB	1970	09/01/92	09/30/92	1	235
9200267	TW5512	F156	0168	313B	32DB	1985	09/01/92	09/30/92	1	235
9200267	TW5513	F156	0168	313B	32DB	6586	09/01/92	09/30/92	1	72
9200267	TW5514	F156	0168	313B	32DB	5128	09/01/92	09/29/92	1	181
9200267	TW5515	F156	0168	313B	32DB	8823	09/01/92	09/30/92	1	233
9200267	TW5516	F156	0168	313B	32DB	5120	09/01/92	09/30/92	1	318
9200267	TW5517	F156	0168	313B	32DB	5134	09/01/92	09/30/92	1	247
9200267	TW5518	F156	0168	313B	32DB	5123	09/02/92	09/30/92	1	141
9200267	TW5519	F156	0168	313B	32DB	5130	09/01/92	09/30/92	1	186
9200267	TW5520	F156	0168	313B	32DB	12291	09/01/92	09/30/92	1	189
9200267	TW5521	F156	0168	313B	32DB	12293	09/01/92	09/30/92	1	206
9200267	TW5522	F156	0168	313B	32DB	5116	09/01/92	09/30/92	1	143
9200267	TW5523	F156	0168	313B	32DB	12294	09/01/92	09/30/92	1	178
9200267	TW5524	F156	0168	313B	32DB	5124	09/01/92	09/30/92	1	170
9200267	TW5525	F156	0168	313B	32DB	12292	09/25/92	09/30/92	1	55
9200267	TW5526	F156	0168	313B	32DB	1980	09/01/92	09/30/92	1	327

ACCESSION NO. 9200267 FILETYPE F156

TRACK NO. TW 5500-5526 PROJECT IDENTIFICATION 709A  
0168

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	NO. LRECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	10-28-92	FJM	D00676(A0168)	1	80	4080	5,610
DUPLICATE TAPE	11-13-92	✓	W55808 *	1	80	✓	✓
REFORMATTED TAPE <del>PAMUS</del> <del>DISK</del>	11-10-92	✓	DNODC *SEP1560UP.	1	80	224	5,557
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR: \* = CARTRIDGE, NL

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

October 19, 1992

F1804-02  
DB3:92-0486  
MKB:pl


Mr. Anthony Picciolo  
Chief, Data Acquisition and Management Branch  
NODC/NESDIS/NOAA  
Universal South Room 416  
1825 Connecticut Ave., N.W.  
Washington, DC 20235

Dear Mr. Picciolo:

Enclosed is a 9TK 6250 BPI, NDBC Drifting Buoy tape for September 1992, 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 (601) 494-2834, or Commercial (601) 688-2834.

Sincerely,

  
Michael K. Burdette  
Oceanographer  
Data Systems Division

Enclosure



DRIFTING BUOYS ARCHIVED FOR SEPTEMBER, 1992

14807



17812

17814

17825

33510

33831

54801

54802

54803

54804

54805

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56801

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27



NODC "156" FORMAT

RECORDING MODE: ASCII

NUMBER OF TRACKS: 9

PARITY: ODD

DENSITY: 6250 BPI

PHYSICAL BLOCK LENGTH IN BYTES: 4080

LENGTH OF BYTES IN BITS: 8

NOTE: THE FIRST THREE CHARACTERS ARE ALWAYS 156.

9200267  
A 1618



# FILE TYPE 156 - LAGRANGIAN CURRENT MEASUREMENTS II - 03/30/83 VERSION

## NOTES AND CORRECTIONS

THIS FORMAT IS DESIGNED TO SUPPORT STUDIES OF CIRCULATION PATTERNS THROUGH PERIODIC TRACKING OF DRIFTING BUOYS, DROGUES, OR OTHER INSTRUMENTS WHOSE MOVEMENTS CAN BE REPORTED BY SHORE-BASED, SURFACE SHIP, AIRCRAFT OR SATELLITE OBSERVATIONS. MOVEMENT CAN BE DESCRIBED OVER PERIODS RANGING FROM MINUTES TO MONTHS. ICE MOVEMENT AS WELL AS CURRENT PATTERNS MAY BE REPORTED USING THIS FORMAT.

THE FORMAT CONSISTS OF SEVEN RECORDS FOR REPORTING INVESTIGATOR AND PLATFORM INFORMATION, LAUNCH SUMMARY INFORMATION, POSITION, DATE AND TIME OF INDIVIDUAL OBSERVATIONS, SUPPLEMENTARY CLIMATOLOGICAL AND SEA SURFACE AND SUBSURFACE OCEANOGRAPHIC DATA AS WELL AS TEXT RECORDS THAT CAN BE RELATED TO EACH DROGUE OR BUOY. MOVEMENT IS REPORTED AS POINT-TO-POINT GEOGRAPHIC LOCATIONS. DIRECTIONS AND SPEEDS BETWEEN INDIVIDUAL OBSERVATIONS ARE COMPUTED BY THE DATA CENTER AS REQUIRED FOR SPECIFIC DATA SUMMARIES OR GRAPHIC PRODUCTS.

ALL RECORDS IN THIS FORMAT ARE 80 COLUMNS IN LENGTH. THIS FILE TYPE IS SORTED BY DROGUE OR BUOY NUMBER WITH SEQUENCE NUMBERS USED TO RETAIN THE PROPER SEQUENCE OF DATA AND TEXT RECORDS FOR EACH DROGUE.

THE FIRST NINE COLUMNS FOR ALL RECORDS ARE TO BE USED FOR FILE TYPE (COLUMNS 1-3) AND FILE IDENTIFIER (COLUMNS 4-9). THE FILE IDENTIFIER, TO BE ASSIGNED BY THE ORIGINATOR, IS A UNIQUE ORIGINATOR ID FOR EACH DATA SUBMISSION. AFTER SUBMISSION, THE NODC REASSIGNS TO THIS FIELD A UNIQUE NODC IDENTIFIER FOR INTERNAL USE.

THIS FORMAT WAS DEVELOPED PRINCIPALLY TO SUPPORT THE OCEAN THERMAL ENERGY CONVERSION (OTEC) PROGRAM. IT IS ALSO INTENDED TO REPLACE AN EARLIER LAGRANGIAN CURRENT FORMAT (FTP 056) FOR OTHER MARINE CIRCULATION STUDIES.

\*\*\*\* 04/01/85 RECORD 'C' - ADDED SALINITY FLAG \*\*\*\*

\*\*\*\* 12/31/86 ADDED RECORD 'E' AND 'F' \*\*\*\*

\*\*\*\* 09/18/91 ADDED PRESSURE TENDENCY TO RECORD TYPE 'C' \*\*\*\*

156/PG 1

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	FIVE-CHARACTER FIELD FOR IDENTIFYING THE BUOY ASSOCIATED WITH DROGUE	63
BLANKS		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'	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'	38
LAUNCH DATE (GMT)	YYMMDD	46
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
DATA RECORD	ALWAYS 'C' - EACH RECORD CONTAINS INDIVIDUAL DROGUE POSITION AND ASSOCIATED SEA SURFACE CONDITIONS	10
DROGUE NUMBER	SEE RECORD 'A'	11
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
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
SALINITY FLAG	ONE-CHARACTER CODE - USE CODE 0502	70
CHARACTERISTIC OF PRESSURE TENDENCY	ONE-CHARACTER CODE - USE CODE 0618 (WMO CODE 0200)	71
NET CHANGE IN BAROMETRIC PRESSURE IN LAST 3 HRS.	XXX - MILLIBARS TO TENTHS	72
BLANKS		75
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	10
DROGUE NUMBER	SEE RECORD 'A'	11
DEPTH	XXXXX - METERS TO HUNDREDTHS	16
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
DATA RECORD 2	ALWAYS 'E' - EACH RECORD CONTAINS INDIVIDUAL DROGUE POSITION (OBSERVED OR INTERPOLATED) AND ASSOCIATED SURFACE CONDITIONS	10
DROGUE NUMBER	SEE RECORD 'A'	11
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
HEIGHT OF ANEMOMETER	XXX - METERS TO TENTHS	41
WIND SPEED	XXX - METERS/SEC TO TENTHS	44
WIND DIRECTION	XXXX - DEGREES TO TENTHS FROM NORTH- DIRECTION FROM	47
ATMOSPHERIC PRESSURE	XXXXXX - MILLIBARS TO HUNDREDTHS	51
AIR TEMPERATURE	XXXX - DEG C TO TENTHS	57
COMPASS BEARING OF SURFACE UNIT	XXXX - DEGREES TO TENTHS FROM NORTH	61
BLANKS		65
POSITION CODE	C FOR CALCULATED OR INTERPOLATED M FOR MEASURED OR OBSERVED	76
SEQUENCE NUMBER	XXXX - USE TO SORT RECORDS FOR EACH DROGUE/BUOY-SEQUENCE NUMBERS SHOULD BE IN ASCENDING ORDER	77

SUBSURFACE CURRENT RECORD	ALWAYS 'F' - EACH RECORD CONTAINS SUBSURFACE CURRENT DATA ASSOCIATED WITH THE DROGUES. IF MORE THAN TWO CURRENT METERS ARE DEPLOYED WITH A DROGUE, USE MULTIPLE 'F' RECORDS.	10
DROGUE NUMBER	SEE RECORD 'A'	11
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
ICE VELOCITY SPEED	XXXXX - CM/SEC TO TENTHS	41
ICE VELOCITY DIRECTION	XXXX - DEGREES TO TENTHS FROM NORTH-DIRECTION TOWARD	46
DEPTH OF CURRENT METER	XXXX - METERS TO TENTHS	50
ABSOLUTE CURRENT SPEED	XXXXX - CM/SEC TO TENTHS	54
ABSOLUTE CURRENT DIRECTION	XXXX - DEGREES TO TENTHS FROM NORTH-DIRECTION TOWARD	59
DEPTH OF CURRENT METER	XXXX - METERS TO TENTHS	63
ABSOLUTE CURRENT SPEED	XXXXX - CM/SEC TO TENTHS	67
ABSOLUTE CURRENT DIRECTION	XXXX - DEGREES TO TENTHS FROM NORTH-DIRECTION TOWARD	72
POSITION CODE	C FOR CALCULATED OR INTERPOLATED M FOR MEASURED OR OBSERVED	76
SEQUENCE NUMBER	XXXX - USE TO SORT RECORDS FOR EACH DROGUE/BUOY-SEQUENCE NUMBERS SHOULD BE IN ASCENDING ORDER	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	fileA	refNo	proj	inst	ship	startDate	cruise	catId
9200267	F156	TW5508	0168	313B	32DB	1992/09/01	1973	211148
9200267	F156	TW5509	0168	313B	32DB	1992/09/01	1993	211149
9200267	F156	TW5510	0168	313B	32DB	1992/09/01	1975	211150
9200267	F156	TW5511	0168	313B	32DB	1992/09/01	1970	211151
9200267	F156	TW5512	0168	313B	32DB	1992/09/01	1985	211152
9200267	F156	TW5513	0168	313B	32DB	1992/09/01	6586	211153
9200267	F156	TW5514	0168	313B	32DB	1992/09/01	5128	211154
9200267	F156	TW5515	0168	313B	32DB	1992/09/01	8823	211155
9200267	F156	TW5516	0168	313B	32DB	1992/09/01	5120	211156
9200267	F156	TW5517	0168	313B	32DB	1992/09/01	5134	211157
9200267	F156	TW5518	0168	313B	32DB	1992/09/02	5123	211158
9200267	F156	TW5519	0168	313B	32DB	1992/09/01	5130	211159
9200267	F156	TW5520	0168	313B	32DB	1992/09/01	12291	211160
9200267	F156	TW5521	0168	313B	32DB	1992/09/01	12293	211161
9200267	F156	TW5522	0168	313B	32DB	1992/09/01	5116	211162
9200267	F156	TW5523	0168	313B	32DB	1992/09/01	12294	211163
9200267	F156	TW5524	0168	313B	32DB	1992/09/01	5124	211164
9200267	F156	TW5525	0168	313B	32DB	1992/09/25	12292	211165
9200267	F156	TW5526	0168	313B	32DB	1992/09/01	1980	211166
9200267	F156	TW5500	0168	313B	32DB	1992/09/01	5133	211140
9200267	F156	TW5501	0168	313B	32DB	1992/09/01	12309	211141
9200267	F156	TW5502	0168	313B	32DB	1992/09/01	5125	211142
9200267	F156	TW5503	0168	313B	32DB	1992/09/17	1981	211143
9200267	F156	TW5504	0168	313B	32DB	1992/09/01	1968	211144
9200267	F156	TW5505	0168	313B	32DB	1992/09/01	5129	211145
9200267	F156	TW5506	0168	313B	32DB	1992/09/01	12308	211146
9200267	F156	TW5507	0168	313B	32DB	1992/09/01	1967	211147

(27 rows affected)

Password:

accNo	fileA	refNo	ship	staCnt	recCnt	startDate	endDate
9200267	F156	TW5508	32DB 1		204	92/09/01	92/09/30
9200267	F156	TW5509	32DB 1		214	92/09/01	92/09/30
9200267	F156	TW5510	32DB 1		248	92/09/01	92/09/30
9200267	F156	TW5511	32DB 1		235	92/09/01	92/09/30
9200267	F156	TW5512	32DB 1		235	92/09/01	92/09/30
9200267	F156	TW5513	32DB 1		72	92/09/01	92/09/30
9200267	F156	TW5514	32DB 1		181	92/09/01	92/09/29
9200267	F156	TW5515	32DB 1		233	92/09/01	92/09/30
9200267	F156	TW5516	32DB 1		318	92/09/01	92/09/30
9200267	F156	TW5517	32DB 1		247	92/09/01	92/09/30
9200267	F156	TW5518	32DB 1		141	92/09/02	92/09/30
9200267	F156	TW5519	32DB 1		186	92/09/01	92/09/30
9200267	F156	TW5520	32DB 1		189	92/09/01	92/09/30
9200267	F156	TW5521	32DB 1		206	92/09/01	92/09/30
9200267	F156	TW5522	32DB 1		143	92/09/01	92/09/30
9200267	F156	TW5523	32DB 1		178	92/09/01	92/09/30
9200267	F156	TW5524	32DB 1		170	92/09/01	92/09/30
9200267	F156	TW5525	32DB 1		55	92/09/25	92/09/30
9200267	F156	TW5526	32DB 1		327	92/09/01	92/09/30
9200267	F156	TW5500	32DB 1		298	92/09/01	92/09/30
9200267	F156	TW5501	32DB 1		269	92/09/01	92/09/30
9200267	F156	TW5502	32DB 1		200	92/09/01	92/09/30
9200267	F156	TW5503	32DB 1		145	92/09/17	92/09/30
9200267	F156	TW5504	32DB 1		224	92/09/01	92/09/30
9200267	F156	TW5505	32DB 1		190	92/09/01	92/09/30
9200267	F156	TW5506	32DB 1		224	92/09/01	92/09/30
9200267	F156	TW5507	32DB 1		225	92/09/01	92/09/30

(27 rows affected)