

April 87

DATA DOCUMENTATION FORM

F156

NOAA FORM 24-13
(2-85)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED
O.M.B. No. 0648-0024
EXPIRES 2/29/87

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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 <u>Sallie P. Ward-Nolan</u> <u>NOAA/National Data Buoy Center</u> <u>NSTL Station, MS. 39529</u>			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED <u>TOGA</u>		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT <u>N/A</u>	
4. PLATFORM NAME(S) <u>N/A</u>	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) <u>BUOY</u>	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR <u>AUST SA UK USA NZ</u> <u>USA</u>	7. DATES FROM: MO DAY, YR TO: MO DAY, YR <u>04/01/87</u> <u>04/30/87</u>
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> 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?) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)			
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) <u>Sallie P. Ward-Nolan</u> <u>8-494-1749</u>			

DATE March 1984	NODC Users Guide	SECTION 4.1.20	PAGE 3
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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	4-CHARACTER FIELD FOR IDENTIFYING THE BUOY ASSOCIATED WITH DROGUE	63
BLANKS		67
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	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	XXXX-HOURS AND MINUTES - USE WHEN BUOY POSITIONS ARE REPORTED AT SPECIFIC TIME INTERVALS	70
FREQUENCY		
BLANKS		74

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'	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
DROGUE NUMBER		11
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 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.	16
SEQUENCE NUMBER		77

INSTRUMENT TO BE USED AND FUNCTION TO BE PERFORMED

Scan

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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DISKETTE INFORMATION

TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# F	
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				P. D.
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# F	
APRIL 87		9	1600	odd	NL	FB	80	4080	1	
SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PI DI
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# FI	
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME				PU DA

AL INSTRUCTIONS

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
5/18/87	10:10	10:15	C	COMPLETED BY JAMES

April 87
FISC.
1087

RIGHT TO BE USED AND FUNCTION TO BE PERFORMED

Copy to [unclear] [unclear] [unclear]
Output

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

TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	#	
SECTOR SIZE		EXCHANGE TYPE				CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)		DATA SET NAME		P D
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# F	
A00471		9	1600	odd	NL	FB	80	4080	1	
SECTOR SIZE		EXCHANGE TYPE				CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)		DATA SET NAME		P D
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# FI	
W1533		9	1600	odd	NL	FB	80	4080	1	
SECTOR SIZE		EXCHANGE TYPE				CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)		DATA SET NAME		P DA

AL INSTRUCTIONS

Send to Ashville

ESTIMATED
EXECUTION
TIME

USE ONLY

DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRI DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFI
5/19/57	10:05	10:10	C	COMPLETED BY JAMES

F156
Apr 87

ACCESSION NO. B700187FILETYPE F156TRACK NO. TT9699-9766PROJECT
IDENTIFICATION TOGA

STEP	DATE	INIT.	TAPE OR DISK DSN.	NO. FILES	NO. RECL	BLK SIZE	NO. RECORDS
ORIG. TAPE	6/15/87	(02)	A00471	1	80	4080	14127
DUPLICATE TAPE	6/15/87	(02)	W14533*	1	80	4080	14127
REFORMATTED TAPE							
REFORMATTED DISK	6/15/87	(02)	F156-4.	1	80	4080	14054
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR FO22							
DATA SET FINALIZED							

* Tape is non-label

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

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

COMMENTS (TRACKS DELETED, FIELDS DELETED, ETC.)

163/5-15-87

DRIFTING BUOYS ARCHIVED FOR

APRIL, 1987

14801
1
1501
15502
15809
16802
17806
17807
17808
17809
17810
17811
17812
17813
17814
31804
31805
31806
31808
32801
32802
32803
32804
32805
32806
32810
32811
33802
33803
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33807
33809
33811
33813
33814
34807
34808
34809
34810
34811
34812
42504
54803
54810
54811
54813
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54815
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55815
55816
55817
55819
55821
55822
55823
55825
56801
56805
56806

56808
56809
56811
56815
5 5
5 8
56819
71801

8700187

TO: E/OC12 - C. Noe
E/OC11 - P. Hadsell

FROM: E/OC13 - A. Picciolo F.J.M. /for

DATE: JUNE 15, 1987

SUBJECT: Data Transfer

The following listed data sets have been transferred as indicated:

ARCHIVES BRANCH (E/OC11)

CURRENT METERS (F015)

ACC: 8700196 REF: TT 9650-9674 25 STATIONS
MMS/MID-ATLANTIC SLOPE & RISE 358,860 RECORDS

ACC: 8700196 REF: TT 9696-9698 3 STATIONS
MMS/MID-ATLANTIC SLOPE & RISE 95,798 RECORDS

DRIFTING BUOYS (F156)

✓ ACC: 8700187 REF: TT 9699-9766 68 STATIONS
14,127 RECORDS

TOGA - APRIL 1987

DATA PROCESSING BRANCH (E/OC12) XBT's

cc: E/OC1 - I. Perlroth

ESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
8700187	TT9699	F156	0168	313B	09DB	6733	07/15/86	04/30/87	1	170
8700187	TT9700	F156	0168	313B	09DB	6735	07/28/86	04/30/87	1	156
8700187	TT9701	F156	0168	313B	91DB	6742	10/03/86	04/30/87	1	156
8700187	TT9702	F156	0168	313B	91DB	6745	10/05/86	04/30/87	1	182
8700187	TT9703	F156	0168	313B	91DB	6710	02/08/86	04/30/87	1	188
8700187	TT9704	F156	0168	313B	09DB	6758	03/06/87	04/30/87	1	295
8700187	TT9705	F156	0168	313B	91DB	6741	10/25/86	04/30/87	1	189
8700187	TT9706	F156	0168	313B	91DB	6743	09/29/86	04/30/87	1	169
8700187	TT9707	F156	0168	313B	91DB	6744	10/23/86	04/30/87	1	188
8700187	TT9708	F156	0168	313B	91DB	6746	10/15/86	04/30/87	1	168
8700187	TT9709	F156	0168	313B	91DB	6747	10/14/86	04/30/87	1	187
8700187	TT9710	F156	0168	313B	32DB	6750	11/23/86	04/30/87	1	261
8700187	TT9711	F156	0168	313B	74DZ	6751	11/16/86	04/30/87	1	257
8700187	TT9712	F156	0168	313B	32DB	6752	11/18/86	04/30/87	1	247
8700187	TT9713	F156	0168	313B	32DB	6753	11/21/86	04/30/87	1	288
8700187	TT9714	F156	0168	313B	32DB	6707	02/04/86	04/30/87	1	119
8700187	TT9715	F156	0168	313B	74DZ	6719	02/06/86	04/30/87	1	224
8700187	TT9716	F156	0168	313B	74DZ	6718	02/15/86	04/30/87	1	182
8700187	TT9717	F156	0168	313B	74DZ	6716	02/18/86	04/30/87	1	215
8700187	TT9718	F156		313B	32DB	6782	01/21/87	04/30/87	1	213
8700187	TT9719	F156	0168	313B	32DB	6765	11/30/86	04/30/87	1	213
8700187	TT9720	F156	0168	313B	32DB	6784	01/24/87	04/30/87	1	220
8700187	TT9721	F156	0168	313B	32DB	6783	01/23/87	04/30/87	1	172
8700187	TT9722	F156	0168	313B	32DB	6397	01/27/87	04/30/87	1	189
8700187	TT9723	F156	0168	313B	32DB	6777	01/27/87	04/30/87	1	235
8700187	TT9724	F156	0168	313B	61DB	6721	07/15/86	04/10/87	1	46
8700187	TT9725	F156	0168	313B	91DB	6748	10/07/86	04/30/87	1	195
8700187	TT9726	F156	0168	313B	32DB	6766	12/17/86	04/30/87	1	345
8700187	TT9727	F156	0168	313B	91DB	6749	10/12/86	04/30/87	1	182
8700187	TT9728	F156	0168	313B	32DB	6767	01/15/87	04/30/87	1	299
8700187	TT9729	F156	0168	313B	91DB	6706	10/11/86	04/30/87	1	213
8700187	TT9730	F156	0168	313B	91DB	6708	02/26/85	04/30/87	1	314
8700187	TT9731	F156	0168	313B	91DB	6714	01/29/86	04/30/87	1	285
8700187	TT9732	F156	0168	313B	91DB	6711	10/09/86	04/30/87	1	212
8700187	TT9733	F156	0168	313B	91DB	6023	10/10/86	04/30/87	1	207
8700187	TT9734	F156	0168	313B	32DB	6700	12/12/85	04/30/87	1	160
8700187	TT9735	F156	0168	313B	32DB	6701	12/20/85	04/30/87	1	300
8700187	TT9736	F156		313B	32DB	6781	01/20/87	04/30/87	1	271
8700187	TT9737	F156	0168	313B	32DB	6391	01/24/87	04/30/87	1	217
8700187	TT9738	F156	0168	313B	32DB	6779	01/23/87	04/30/87	1	240
8700187	TT9739	F156	0168	313B	32DB	6768	01/25/87	04/30/87	1	328
8700187	TT9740	F156	0144	313B	32DB	3379	02/07/86	04/07/87	1	18
8700187	TT9741	F156	0168	313B	61DB	6044	07/25/86	04/30/87	1	170
8700187	TT9742	F156	0168	313B	61DB	6045	07/22/86	04/30/87	1	175
8700187	TT9743	F156	0168	313B	61DB	6720	09/14/86	04/30/87	1	169
8700187	TT9744	F156	0168	313B	61DB	6722	09/17/86	04/30/87	1	163
8700187	TT9745	F156	0168	313B	61DB	6047	11/27/86	04/30/87	1	176
8700187	TT9746	F156	0168	313B	61DB	6069	01/28/87	04/30/87	1	138
8700187	TT9747	F156	0168	313B	61DB	6724	01/26/87	04/30/87	1	182
8700187	TT9748	F156	0168	313B	61DB	6420	10/15/85	04/30/87	1	119
8700187	TT9749	F156	0168	313B	61DB	6421	10/18/85	04/30/87	1	195

8700187	TT9750	F156	0168	313B	61DB	6422	10/25/85	04/30/87	1	180
8700187	TT9751	F156	0168	313B	61DB	6424	12/03/85	04/30/87	1	194
8700187	TT9752	F156	0168	313B	32DB	6703	02/24/86	04/30/87	1	335
8700187	TT9753	F156	0168	313B	32DB	6704	02/26/86	04/30/87	1	208
8700187	TT9754	F156	0168	313B	32DB	6729	03/02/86	04/30/87	1	179
8700187	TT9755	F156	0168	313B	32DB	6769	02/23/87	04/30/87	1	271
8700187	TT9756	F156	0168	313B	09DB	6732	11/20/86	04/30/87	1	276
8700187	TT9757	F156	0168	313B	09DB	6078	12/29/86	04/30/87	1	202
8700187	TT9758	F156	0168	313B	09DB	6734	07/16/86	04/30/87	1	149
8700187	TT9759	F156	0168	313B	09DB	6736	07/28/86	04/30/87	1	186
8700187	TT9760	F156	0168	313B	09DB	6738	07/12/86	04/30/87	1	179
8700187	TT9761	F156	0168	313B	09DB	6737	07/10/86	04/30/87	1	204
8700187	TT9762	F156	0168	313B	31DB	6728	03/03/86	04/30/87	1	218
8700187	TT9763	F156	0168	313B	09DB	6730	06/03/86	04/30/87	1	179
8700187	TT9764	F156	0168	313B	09DB	6739	09/12/86	04/30/87	1	183
8700187	TT9765	F156	0168	313B	09DB	6756	01/30/87	04/30/87	1	200
8700187	TT9766	F156	0168	313B	91DB	6709	02/01/86	04/30/87	1	309

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Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
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8700187	F156	TT9699	0168	313B	09DB	1987/04/01	6733	169951
8700187	F156	TT9700	0168	313B	09DB	1987/04/01	6735	169952
8700187	F156	TT9704	0168	313B	09DB	1987/04/01	6758	169956
8700187	F156	TT9756	0168	313B	09DB	1987/04/01	6732	170008
8700187	F156	TT9757	0168	313B	09DB	1987/04/01	6078	170009
8700187	F156	TT9758	0168	313B	09DB	1987/04/01	6734	170010
8700187	F156	TT9759	0168	313B	09DB	1987/04/01	6736	170011
8700187	F156	TT9760	0168	313B	09DB	1987/04/01	6738	170012
8700187	F156	TT9761	0168	313B	09DB	1987/04/01	6737	170013
8700187	F156	TT9763	0168	313B	09DB	1987/04/01	6730	170015
8700187	F156	TT9764	0168	313B	09DB	1987/04/01	6739	170016
8700187	F156	TT9765	0168	313B	09DB	1987/04/01	6756	170017
8700187	F156	TT9762	0168	313B	31DB	1987/04/01	6728	170014
8700187	F156	TT9710	0168	313B	32DB	1987/04/01	6750	169962
8700187	F156	TT9712	0168	313B	32DB	1987/04/01	6752	169964
8700187	F156	TT9713	0168	313B	32DB	1987/04/01	6753	169965
8700187	F156	TT9714	0168	313B	32DB	1987/04/01	6707	169966
8700187	F156	TT9718	9999	313B	32DB	1987/04/01	6782	169970
8700187	F156	TT9719	0168	313B	32DB	1987/04/01	6765	169971
8700187	F156	TT9720	0168	313B	32DB	1987/04/01	6784	169972
8700187	F156	TT9721	0168	313B	32DB	1987/04/01	6783	169973
8700187	F156	TT9722	0168	313B	32DB	1987/04/01	6397	169974
8700187	F156	TT9723	0168	313B	32DB	1987/04/01	6777	169975
8700187	F156	TT9726	0168	313B	32DB	1987/04/01	6766	169978
8700187	F156	TT9728	0168	313B	32DB	1987/04/01	6767	169980
8700187	F156	TT9734	0168	313B	32DB	1987/04/01	6700	169986
8700187	F156	TT9735	0168	313B	32DB	1987/04/01	6701	169987
8700187	F156	TT9736	9999	313B	32DB	1987/04/01	6781	169988
8700187	F156	TT9737	0168	313B	32DB	1987/04/01	6391	169989
8700187	F156	TT9738	0168	313B	32DB	1987/04/01	6779	169990
8700187	F156	TT9739	0168	313B	32DB	1987/04/01	6768	169991
8700187	F156	TT9740	0144	313B	32DB	1987/04/01	3379	169992
8700187	F156	TT9752	0168	313B	32DB	1987/04/01	6703	170004
8700187	F156	TT9753	0168	313B	32DB	1987/04/01	6704	170005
8700187	F156	TT9754	0168	313B	32DB	1987/04/01	6729	170006
8700187	F156	TT9755	0168	313B	32DB	1987/04/01	6769	170007
8700187	F156	TT9724	0168	313B	61DB	1987/04/01	6721	169976
8700187	F156	TT9741	0168	313B	61DB	1987/04/01	6044	169993
8700187	F156	TT9742	0168	313B	61DB	1987/04/01	6045	169994
8700187	F156	TT9743	0168	313B	61DB	1987/04/01	6720	169995
8700187	F156	TT9744	0168	313B	61DB	1987/04/01	6722	169996
8700187	F156	TT9745	0168	313B	61DB	1987/04/01	6047	169997
8700187	F156	TT9746	0168	313B	61DB	1987/04/02	6069	169998
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8700187	F156	TT9748	0168	313B	61DB	1987/04/01	6420	170000
8700187	F156	TT9749	0168	313B	61DB	1987/04/01	6421	170001
8700187	F156	TT9750	0168	313B	61DB	1987/04/01	6422	170002
8700187	F156	TT9751	0168	313B	61DB	1987/04/01	6424	170003
8700187	F156	TT9711	0168	313B	74DZ	1987/04/01	6751	169963
8700187	F156	TT9715	0168	313B	74DZ	1987/04/01	6719	169967
8700187	F156	TT9716	0168	313B	74DZ	1987/04/01	6718	169968
8700187	F156	TT9717	0168	313B	74DZ	1987/04/01	6716	169969
8700187	F156	TT9701	0168	313B	91DB	1987/04/01	6742	169953
8700187	F156	TT9702	0168	313B	91DB	1987/04/01	6745	169954
8700187	F156	TT9703	0168	313B	91DB	1987/04/01	6710	169955
8700187	F156	TT9705	0168	313B	91DB	1987/04/01	6741	169957

8700187	F156	TT9706	0168	313B	91DB	1987/04/01	6743	169958
8700187	F156	TT9707	0168	313B	91DB	1987/04/01	6744	169959
8700187	F156	TT9708	0168	313B	91DB	1987/04/01	6746	169960
8700187	F156	TT9709	0168	313B	91DB	1987/04/01	6747	169961
8700187	F156	TT9725	0168	313B	91DB	1987/04/01	6748	169977
8700187	F156	TT9727	0168	313B	91DB	1987/04/01	6749	169979
8700187	F156	TT9729	0168	313B	91DB	1987/04/01	6706	169981
8700187	F156	TT9730	0168	313B	91DB	1987/04/01	6708	169982
8700187	F156	TT9731	0168	313B	91DB	1987/04/01	6714	169983
8700187	F156	TT9732	0168	313B	91DB	1987/04/01	6711	169984
8700187	F156	TT9733	0168	313B	91DB	1987/04/01	6023	169985
8700187	F156	TT9766	0168	313B	91DB	1987/04/01	6709	170018

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accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
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8700187	F156	TT9700	09DB	1	156	87/04/01	87/04/30
8700187	F156	TT9704	09DB	1	295	87/04/01	87/04/30
8700187	F156	TT9756	09DB	1	276	87/04/01	87/04/30
8700187	F156	TT9757	09DB	1	202	87/04/01	87/04/30
8700187	F156	TT9758	09DB	1	149	87/04/01	87/04/30
8700187	F156	TT9759	09DB	1	186	87/04/01	87/04/30
8700187	F156	TT9760	09DB	1	179	87/04/01	87/04/30
8700187	F156	TT9761	09DB	1	204	87/04/01	87/04/30
8700187	F156	TT9763	09DB	1	179	87/04/01	87/04/30
8700187	F156	TT9764	09DB	1	183	87/04/01	87/04/30
8700187	F156	TT9765	09DB	1	200	87/04/01	87/04/30
8700187	F156	TT9762	31DB	1	218	87/04/01	87/04/30
8700187	F156	TT9710	32DB	1	261	87/04/01	87/04/30
8700187	F156	TT9712	32DB	1	247	87/04/01	87/04/30
8700187	F156	TT9713	32DB	1	288	87/04/01	87/04/30
8700187	F156	TT9714	32DB	1	119	87/04/01	87/04/30
8700187	F156	TT9718	32DB	1	213	87/04/01	87/04/30
8700187	F156	TT9719	32DB	1	213	87/04/01	87/04/30
8700187	F156	TT9720	32DB	1	220	87/04/01	87/04/30
8700187	F156	TT9721	32DB	1	172	87/04/01	87/04/30
8700187	F156	TT9722	32DB	1	189	87/04/01	87/04/30
8700187	F156	TT9723	32DB	1	235	87/04/01	87/04/30
8700187	F156	TT9726	32DB	1	345	87/04/01	87/04/30
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8700187	F156	TT9734	32DB	1	160	87/04/01	87/04/30
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8700187	F156	TT9737	32DB	1	217	87/04/01	87/04/30
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8700187	F156	TT9739	32DB	1	328	87/04/01	87/04/30
8700187	F156	TT9740	32DB	1	18	87/04/01	87/04/07
8700187	F156	TT9752	32DB	1	335	87/04/01	87/04/30
8700187	F156	TT9753	32DB	1	208	87/04/01	87/04/30
8700187	F156	TT9754	32DB	1	179	87/04/01	87/04/30
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8700187	F156	TT9724	61DB	1	46	87/04/01	87/04/10
8700187	F156	TT9741	61DB	1	170	87/04/01	87/04/30
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8700187	F156	TT9746	61DB	1	138	87/04/02	87/04/30
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8700187	F156	TT9749	61DB	1	195	87/04/01	87/04/30
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8700187	F156	TT9751	61DB	1	194	87/04/01	87/04/30
8700187	F156	TT9711	74DZ	1	257	87/04/01	87/04/30
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8700187	F156	TT9702	91DB	1	182	87/04/01	87/04/30
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8700187	F156	TT9708	91DB	1	168	87/04/01	87/04/30
8700187	F156	TT9709	91DB	1	187	87/04/01	87/04/30
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8700187	F156	TT9727	91DB	1	182	87/04/01	87/04/30
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