

01/04/90

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:

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Drifting Buoys

(F156)

Acc: 8900294    Ref: TV4760 - TV4792    33 sta. 7,352 rec.

NOAA-NDBC

(TOGA            October 1989~~X~~)

cc: Division Director

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
8900294	TV4760	F156	0168	313B	32DB	8823	10/01/89	10/31/89	1	297
8900294	TV4761	F156	0168	313B	32DB	8953	10/01/89	10/31/89	1	261
8900294	TV4762	F156	0168	313B	32DB	5571	10/31/89	10/31/89	1	4
8900294	TV4763	F156	0168	313B	32DB	8812	10/02/89	10/31/89	1	48
8900294	TV4764	F156	0168	313B	32DB	8814	10/01/89	10/31/89	1	193
8900294	TV4765	F156	0168	313B	32DB	8846	10/01/89	10/31/89	1	234
8900294	TV4766	F156	0168	313B	32DB	8847	10/01/89	10/31/89	1	238
8900294	TV4767	F156	0168	313B	32DB	8950	10/01/89	10/31/89	1	275
8900294	TV4768	F156	0168	313B	32DB	8828	10/01/89	10/31/89	1	211
8900294	TV4769	F156	0168	313B	32DB	9215	10/01/89	10/31/89	1	225
8900294	TV4770	F156	0168	313B	32DB	9210	10/01/89	10/31/89	1	180
8900294	TV4771	F156	0168	313B	32DB	8813	10/01/89	10/31/89	1	245
8900294	TV4772	F156	0168	313B	32DB	8831	10/01/89	10/31/89	1	275
8900294	TV4773	F156	0168	313B	32DB	8965	10/01/89	10/31/89	1	287
8900294	TV4774	F156	0168	313B	32DB	8966	10/01/89	10/31/89	1	278
8900294	TV4775	F156	0168	313B	32DB	9211	10/01/89	10/31/89	1	182
8900294	TV4776	F156		313B	32DB	8960	10/01/89	10/31/89	1	184
8900294	TV4777	F156		313B	32DB	8962	10/01/89	10/31/89	1	201
8900294	TV4778	F156		313B	32DB	9224	10/01/89	10/31/89	1	169
8900294	TV4779	F156		313B	32DB	7493	10/01/89	10/31/89	1	229
8900294	TV4780	F156		313B	32DB	5567	10/01/89	10/31/89	1	315
8900294	TV4781	F156	0168	313B	32DB	6772	10/01/89	10/31/89	1	235
8900294	TV4782	F156	0168	313B	32DB	9212	10/01/89	10/07/89	1	60
8900294	TV4783	F156	0168	313B	32DB	9214	10/01/89	10/31/89	1	135
8900294	TV4784	F156	0168	313B	32DB	8835	10/01/89	10/31/89	1	229
8900294	TV4785	F156	0168	313B	32DB	8836	10/01/89	10/31/89	1	245
8900294	TV4786	F156	0168	313B	32DB	9223	10/01/89	10/31/89	1	289
8900294	TV4787	F156	0168	313B	32DB	6785	10/01/89	10/31/89	1	277
8900294	TV4788	F156	0168	313B	32DB	6760	10/01/89	10/31/89	1	324
8900294	TV4789	F156	0168	313B	32DB	8841	10/01/89	10/31/89	1	161
8900294	TV4790	F156	0168	313B	32DB	8833	10/01/89	10/31/89	1	310
8900294	TV4791	F156	0168	313B	32DB	8842	10/01/89	10/31/89	1	209
8900294	TV4792	F156	0168	313B	32DB	8961	10/01/89	10/31/89	1	347

NO. 8900294 FILETYPE F156 TRACK NO. \_\_\_\_\_ PROJECT IDENTIFICATION \_\_\_\_\_

	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	NO. LRECL	BLK SIZE	NO. RECORDS
	12/08/89	CMH	A01015	1	80	4080	7395
TAPE	12/13/89	CMH	W10651**	1	80	4080	7395
DISK							
DISK	12-28-89	FJM	DNODC*OCT 156 OUT.	1	80	2224	7352
DISK							
DISK							
DISK							
DISK							
DISK							
DISK							

REPORTED TO PRINCIPAL INVESTIGATOR: Tape W10651 is 9 TRK, SL, 1600 bpi  
X\* DSN = DNODC\*8900294-01

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

(TRACKS DELETED, FIELDS DELETED, ETC.)

USER NAME <i>Cliff Hartley</i>	PHONE # <i>273-5636</i>	ORG/TASK # <i>EG12008N3AH9</i>	DATE SUBMITTED <i>12/11/89</i>	DATE DUE <i>ASAP</i>	QIR # <i>09</i>
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EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

*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>A01015</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>W10651</i>		<i>9</i>	<i>1600</i>	<i>ODD</i>	<i>SL</i>	<i>FB</i>	<i>80</i>	<i>4080</i>	<i>14</i>
SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME <i>DNODC*8900294-01.</i>			PURGE DATE

SPECIAL INSTRUCTIONS

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

ESTIMATED  
EXECUTION  
TIME

FOR 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>89121102</i>	<i>11/13/89</i>	<i>08:00</i>	<i>08:10</i>	<i>C</i>	<i>COMPLETED BY J.S.</i>

RTS

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	AD1015		9	1600					1090	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 AD1015 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
80-1227-010	12/08/84	08:15	08:30	C	COMPLETED BY J.S.

COMMENTS



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

8900294

November 30, 1989

F1804-02  
DB3:89-588  
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 October 1989, recorded in the 156 tape format. The enclosure contains a list of stations that are on the tape.

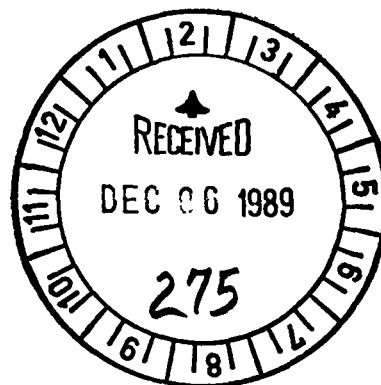
If you have any questions, please call B.G. Redmon at FTS 494-2834, or Commercial (601) 688-2834.

Sincerely,

*Eric A. Meindl*

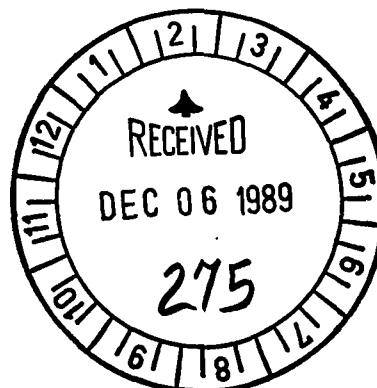
Eric A. Meindl  
Assistant Chief  
Data Systems Division

A01015



DRIFTING BUOYS ARCHIVED FOR OCTOBER, 1989

16 805  
17 801  
17 803  
17 815  
17 816  
17 820  
17 821  
17 823  
31 810  
32 812-10  
32 813  
33 815  
33 821  
33 823  
33 824  
34 814  
41 525  
41 526  
41 527  
42 524-20  
46 507  
54 819  
54 823  
54 824  
54 826  
54 828  
55 801  
55 829  
56 823  
56 824-30  
56 825  
56 826  
73 801-33  
//



NODC "156" FORMAT

Recording Mode: ASCII

Number of Tracks: 9

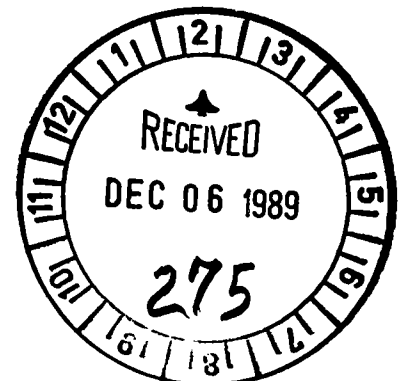
Parity: Odd

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		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'	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	70
FREQUENCY	AT SPECIFIC TIME INTERVALS	
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	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.	10
DROGUE NUMBER	SEE RECORD 'A'	11
DEPTH	XXXX - 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
8900294	F156	TV4760	0168	313B	32DB	1989/10/01	8823	189773
8900294	F156	TV4761	0168	313B	32DB	1989/10/01	8953	189774
8900294	F156	TV4762	0168	313B	32DB	1989/10/31	5571	189775
8900294	F156	TV4763	0168	313B	32DB	1989/10/02	8812	189776
8900294	F156	TV4764	0168	313B	32DB	1989/10/01	8814	189777
8900294	F156	TV4765	0168	313B	32DB	1989/10/01	8846	189778
8900294	F156	TV4766	0168	313B	32DB	1989/10/01	8847	189779
8900294	F156	TV4767	0168	313B	32DB	1989/10/01	8950	189780
8900294	F156	TV4768	0168	313B	32DB	1989/10/01	8828	189781
8900294	F156	TV4769	0168	313B	32DB	1989/10/01	9215	189782
8900294	F156	TV4770	0168	313B	32DB	1989/10/01	9210	189783
8900294	F156	TV4771	0168	313B	32DB	1989/10/01	8813	189784
8900294	F156	TV4772	0168	313B	32DB	1989/10/01	8831	189785
8900294	F156	TV4773	0168	313B	32DB	1989/10/01	8965	189786
8900294	F156	TV4774	0168	313B	32DB	1989/10/01	8966	189787
8900294	F156	TV4775	0168	313B	32DB	1989/10/01	9211	189788
8900294	F156	TV4776	9999	313B	32DB	1989/10/01	8960	189789
8900294	F156	TV4777	9999	313B	32DB	1989/10/01	8962	189790
8900294	F156	TV4778	9999	313B	32DB	1989/10/01	9224	189791
8900294	F156	TV4779	9999	313B	32DB	1989/10/01	7493	189792
8900294	F156	TV4780	9999	313B	32DB	1989/10/01	5567	189793
8900294	F156	TV4781	0168	313B	32DB	1989/10/01	6772	189794
8900294	F156	TV4782	0168	313B	32DB	1989/10/01	9212	189795
8900294	F156	TV4783	0168	313B	32DB	1989/10/01	9214	189796
8900294	F156	TV4784	0168	313B	32DB	1989/10/01	8835	189797
8900294	F156	TV4785	0168	313B	32DB	1989/10/01	8836	189798
8900294	F156	TV4786	0168	313B	32DB	1989/10/01	9223	189799
8900294	F156	TV4787	0168	313B	32DB	1989/10/01	6785	189800
8900294	F156	TV4788	0168	313B	32DB	1989/10/01	6760	189801
8900294	F156	TV4789	0168	313B	32DB	1989/10/01	8841	189802
8900294	F156	TV4790	0168	313B	32DB	1989/10/01	8833	189803
8900294	F156	TV4791	0168	313B	32DB	1989/10/01	8842	189804
8900294	F156	TV4792	0168	313B	32DB	1989/10/01	8961	189805

(33 rows affected)

Password:

accNo'	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
8900294	F156	TV4760	32DB	1	297	89/10/01	89/10/01
8900294	F156	TV4761	32DB	1	261	89/10/01	89/10/01
8900294	F156	TV4762	32DB	1	4	89/10/31	89/10/31
8900294	F156	TV4763	32DB	1	48	89/10/02	89/10/02
8900294	F156	TV4764	32DB	1	193	89/10/01	89/10/01
8900294	F156	TV4765	32DB	1	234	89/10/01	89/10/01
8900294	F156	TV4766	32DB	1	238	89/10/01	89/10/01
8900294	F156	TV4767	32DB	1	275	89/10/01	89/10/01
8900294	F156	TV4768	32DB	1	211	89/10/01	89/10/01
8900294	F156	TV4769	32DB	1	225	89/10/01	89/10/01
8900294	F156	TV4770	32DB	1	180	89/10/01	89/10/01
8900294	F156	TV4771	32DB	1	245	89/10/01	89/10/01
8900294	F156	TV4772	32DB	1	275	89/10/01	89/10/01
8900294	F156	TV4773	32DB	1	287	89/10/01	89/10/01
8900294	F156	TV4774	32DB	1	278	89/10/01	89/10/01
8900294	F156	TV4775	32DB	1	182	89/10/01	89/10/01
8900294	F156	TV4776	32DB	1	184	89/10/01	89/10/01
8900294	F156	TV4777	32DB	1	201	89/10/01	89/10/01
8900294	F156	TV4778	32DB	1	169	89/10/01	89/10/01
8900294	F156	TV4779	32DB	1	229	89/10/01	89/10/01
8900294	F156	TV4780	32DB	1	315	89/10/01	89/10/01
8900294	F156	TV4781	32DB	1	235	89/10/01	89/10/01
8900294	F156	TV4782	32DB	1	60	89/10/01	89/10/01
8900294	F156	TV4783	32DB	1	135	89/10/01	89/10/01
8900294	F156	TV4784	32DB	1	229	89/10/01	89/10/01
8900294	F156	TV4785	32DB	1	245	89/10/01	89/10/01
8900294	F156	TV4786	32DB	1	289	89/10/01	89/10/01
8900294	F156	TV4787	32DB	1	277	89/10/01	89/10/01
8900294	F156	TV4788	32DB	1	324	89/10/01	89/10/01
8900294	F156	TV4789	32DB	1	161	89/10/01	89/10/01
8900294	F156	TV4790	32DB	1	310	89/10/01	89/10/01
8900294	F156	TV4791	32DB	1	209	89/10/01	89/10/01
8900294	F156	TV4792	32DB	1	347	89/10/01	89/10/01

(33 rows affected)