ACCESSION NUMBER 79-0330

TR4975-TR5009
~~TR5006-9~~ F005

DDF A:2:16

DATA DOCUMENTATION FORM

NOAA FORM 24-13 (4-72)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCKVILLE, MARYLAND 20852

FORM APPROVED
O.M.B. No. 41-R2651

F005

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.

ORIGINATOR TAPE; OMCS Lib. #(s):

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

Oceanographic Surveys Branch
Oceanographic Division
National Ocean/Survey/National Oceanic & Atmospheric Administration
Rockville, MD 20852

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

MESA New York Bight

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT

N/A

4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) *(E.G., SHIP, BUOY, ETC.)*	6. PLATFORM AND OPERATOR NATIONALITY(IES)		7. DATES	
		PLATFORM	OPERATOR	FROM: MO/DAY/YR	TO: MO/DAY/YR
N/A	Taut-wire mooring, buoy	USA	USA	11/15/78	4/3/79

8. ARE DATA PROPRIETARY?

[X] NO [ ] YES See MESA Data Management Program

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR____ MONTH____

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

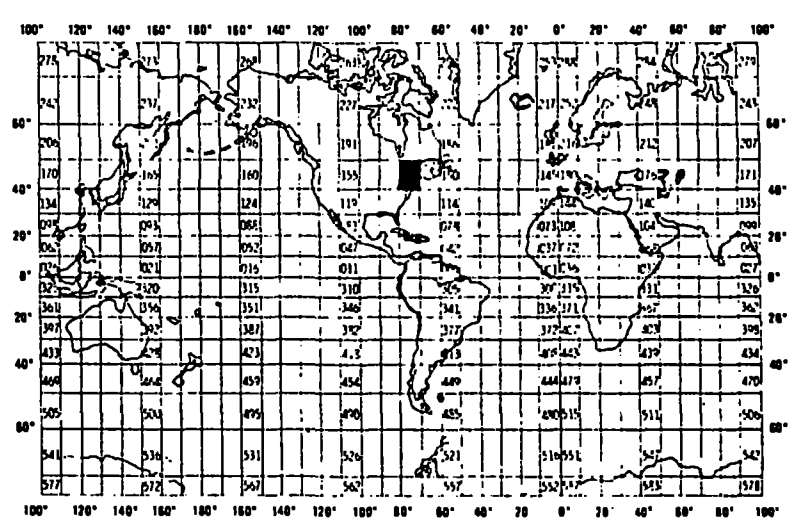
[X] NO [ ] YES [ ] PART *(SPECIFY BELOW)*

10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER *(AND ADDRESS IF OTHER THAN IN ITEM-1)*

Chief, Oceanographic Surveys Branch
(301) 443-8501

11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

GENERAL AREA



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B. SCIENTIFIC CONTENT

Include enough information concerning manner of observation, instrumentation, analysis, and data reduction routines to make them understandable to future users. Furnish the minimum documentation considered relevant to each data type. Documentation will be retained as a permanent part of the data and will be available to future users. Equivalent information already available may be substituted for this section of the form (i.e., publications, reports, and manuscripts describing observational and analytical methods). If you do not provide equivalent information by attachment, please complete the scientific content section in a manner similar to the one shown in the following example.

EXAMPLE (HYPOTHETICAL INFORMATION)

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Salinity	‰	Nansen bottles	Inductive salinometer (Hytech model S510)	N/A (Not applicable)
		STD Bissett-Berman Model 9006	N/A	Values averaged over 5-meter intervals
Water color	Forel scale	Visual comparison with Forel bottles	N/A	N/A
Sediment size	ϕ units and percent by weight	Ewing corer	Standard sieves. Carbonate fraction removed by acid treatment	Same as "Sedimentary Rock Manual," Folk '65

(SPACE IS PROVIDED ON THE FOLLOWING TWO PAGES FOR THIS INFORMATION)

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Current Direction	Degrees from true north.	Aanderaa Current Meter	*	**
Current Velocity	Centimeters per second.	Aanderaa Current Meter		
Water Temperature	Degrees Celsius	Aanderaa Current Meter		
Water Pressure	Kilograms per square centimeter	Aanderaa Current Meter		
Conductivity	Millimhos per centimeter	Aanderaa Current Meter		

* A/D conversion to engineering units.

** All data sampled at 10 minute intervals.

C. DATA FORMAT

This information is requested only for data transmitted on punched cards or magnetic tape. Have one of your data processing specialists furnish answers either on the form or by attaching equivalent readily available documentation. Identify the nature and meaning of all entries and explain any codes used.

1. List the record types contained in your file transmittal (e.g., tape label record, master, detail, standard depth, etc.).

2. Describe briefly how your file is organized.

3-13. Self-explanatory.

14. Enter the field name as appropriate (e.g., header information, temperature, depth, salinity.

15. Enter starting position of the field.

16. Enter field length in number columns and unit of measurement (e.g., bit, byte, character, word) in unit column.

17. Enter attributes as expressed in the programming language specified in item 3 (e.g., "F 4.1," "BINARY FIXED (5.1)").

18. Describe field. If sort field, enter "SORT 1" for first, "SORT 2" for second, etc. If field is repeated, state number of times it is repeated.

C. DATA FORMAT

COMPLETE THIS SECTION FOR PUNCHED CARDS OR TAPE, MAGNETIC TAPE, OR DISC SUBMISSIONS.

1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE
GIVE METHOD OF IDENTIFYING EACH RECORD TYPE

FILE HEADER RECORDS are identified by "1" in position ten of the record. Text contains buoy identification.
STATION HEADER RECORD is identified by "2" in position ten of the record. Buoy location, sensor and water depth are included.
DATA RECORDS are identified by "3" in position ten. They contain date, time, and data.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

A logical file consists of 3 file header records, one station header, and numerous data records. Samples every 10 minutes, spanning up to about 2 months may appear in an average file.
One physical file is permitted on each tape, and may contain several logical files.

3. ATTRIBUTES AS EXPRESSED IN [ ] PL-1 [ ] ALGOL [ ] COBOL [X] FORTRAN [ ] _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:
NAME AND PHONE NUMBER Tom Baumgardner; (301) 443-8050
ADDRESS C333; WSC-1; 60001 Executive Blvd., Rockville, MD 20852
Supervisor: C.R. Muirhead; Chief, Oceanographic Surveys Branch, C333

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE: [X] BCD [ ] BINARY [ ] ASCII [ ] EBCDIC [ ] _____

6. NUMBER OF TRACKS (CHANNELS): [X] SEVEN [ ] NINE [ ] _____

7. PARITY: [ ] ODD [X] EVEN

8. DENSITY: [ ] 200 BPI [ ] 1600 BPI [ ] 556 BPI [X] 800 BPI [ ] _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN): [X] 3/4 INCH [ ] _____

10. END OF FILE MARK: [X] OCTAL 17 [ ] _____

11. PASTE-ON-PAPER LABEL DESCRIPTION *(INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)*

DCB=(BLKSIZE=4500,LRECL=45,RECFM=FB
TRTCH=ET)

DEN=2 by default.

12. PHYSICAL BLOCK LENGTH IN BYTES
4500

13. LENGTH OF BYTES IN BITS
6

D. INSTRUMENT CALIBRATION

This calibration information will be utilized by NOAA's National Oceanographic Instrumentation Center in their efforts to develop calibration standards for voluntary acceptance by the oceanographic community. Identify the instruments used by your organization to obtain the scientific content of the DDF (i.e., STD, temperature and pressure sensors, salinometers, oxygen meters, velocimeters, etc.) and furnish the calibration data requested by completing and/or checking ("✓") the appropriate spaces. Add the interval time (i.e., 3 months, 6 months, 9 months, etc.) if the fixed interval calibration cycle is checked.

INSTRUMENT TYPE (MFR., MODEL NO.)	DATE OF LAST CALIBRATION	INSTRUMENT WAS CALIBRATED BY		CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRUMENT IS NOT CALIBRATED
		YOUR ORGANIZATION (√)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (√)	BEFORE OR AFTER USE (√)	BEFORE AND AFTER USE (√)	ONLY AFTER REPAIR (√)	ONLY WHEN NEW (√)	(√)
Aanderaa Current Meter			MESA	(field season)					

USCOMM-DC 44289-P72

RECORD FORMAT DESCRIPTION

RECORD NAME MESA BIGHT FILE TYPE 005

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH NUMBER	16. LENGTH UNITS	17. ATTRIBUTES	18. USE AND MEANING
File Header Record					
FILE TYPE	1	3	bytes	A3	"005" (constant value)
FILE DATE	4	6	bytes		Date of File Creation
YEAR	4	2	bytes	I2	Last two digits of year
MONTH	6	2	bytes	I2	Month "01" thru "12"
DAY	8	2	bytes	I2	Day "01" thru "31"
RECORD TYPE	10	1	bytes	A1	"1" for File Header
STATION	11	5	bytes	A5	Buoy Station Identifier
SEQUENCE	16	1	bytes	I1	File Header Number
TEXT	17	29	bytes	29A1	Optional Comments
Station Header Record					
IDENT	1	15	bytes	A3,3I3,A1,A5	Same as "File Header Record" except Record Type is "2"
LATITUDE	16	6	bytes	3I2	Degrees, Minutes, Seconds
LATHEM	22	1	bytes	A1	"N" or "S" Hemisphere
LONGITUDE	23	7	bytes	I3,2I2	Degrees, Minutes, Seconds
LONHEM	30	1	bytes	A1	"W" or "E" Hemisphere
SENSOR	31	4	bytes	F4.1	Depth in Meters
WATER	35	4	bytes	F4.1	Depth in Meters
blank	39	7	bytes	7X	blank
Data Record					
IDENT	1	15	bytes	A3,3I3,A1,A5	Same as "File Header Record" except Record Type is "2"
DATE	16	6	bytes	3I3	Year, Month, Day; observed
TIME	22	4	bytes	F4.2	Time in Hours; observed
DIRECTION	26	3	bytes	F3.0	Degrees from true North
VELOCITY	29	4	bytes	F4.0	Current; cm/sec.
TEMP	33	3	bytes	F3.1	Degrees Celsius
PRESSURE	36	4	bytes	F4.2	kg/cm^2
CONDUCTIVITY	40	4	bytes	F4.2	Millimhos/cm
blank	44	2	bytes	2X	blank

FILE HEADER NO.1

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
File Type	Creation Date Yr., Mo., Day								Record Type	Station																																			
File Type	Creation Date Yr., Mo., Day								Record Type	Station																																				
Text (Optional)																																											

FILE HEADER NO.2

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
File Type	Creation Date Yr., Mo., Day								Record Type	Station																																			
File Type	Creation Date Yr., Mo., Day								Record Type	Station																																				
Text (Optional)																																											

FILE HEADER NO.3

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
File Type	Creation Date Yr., Mo., Day								Record Type	Station																																			
File Type	Creation Date Yr., Mo., Day								Record Type	Station																																				
Text (Optional)																																											

STATION HEADER

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
File Type	Creation Date Yr., Mo., Day								Record Type	Station																																			
File Type	Creation Date Yr., Mo., Day								Record Type	Station																																				
Blank																																											

DATA RECORD (S)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
File Type	Creation Date Yr., Mo., Day								Record Type	Station																																			
Observed Date and Time	Year	Month	Day	Hour	Hundredths of Hour	Current Dir.	Degrees from True North	Current Velocity	Centimeters Per Second	Temp	Degrees Celsius	Tenths	Pressure	Kilograms Per cm²	Hundredths of Kg./cm²	Conductivity	Millimhos per cm	Hundredths	Blank																												

TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: ~~79-0307~~ 79-0330 ~~TR5204~~ 5006-9 -5228 No. of RECs = 14,390

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	JR149	NL	45	4500	FB	7-tr 800 BPI Even Parity
DUPLICATE	01776	NL	60	4800	FB	9-tr 1600 BPI
REFORMATTED						
FIRST USER	003738	SL	60	4800	FB	DSN = TR5204
FINAL USER	↓	SL	60	4800	FB	DSN = TR5204

Error Correction Documentation Form

DATE: 11/29/79

TO: D752

FROM: J. B. Ridlon

SUBJECT: Error Correction in Processing of Data Set - Accession # 79-0330

1) File Type: 005

2) Project Ident.: N. Y. Bight

3) Track Nos.: TR5006-9

I. Error Corrections as reported to Principal Investigator:

Error	Correction Completed (Check)

II. Additional error corrections:

Error	Correction Completed (Check)
0 conductivity values of zero (0).	Deleted

III. Processor Name: MARY R. LEWIS

Data Set Route Sheet

Accession # 79-0330

TR5006-5009

Step	Completion Date	Init.	Tape #,	# of Files	BLKSIZE,	LRECL
1. Originator Tape #	11/19/79	JBR	JR149	4	4500	45
2. Duplicate Tape # (QUADI)	11/29/79	JBR	01776	4	4800	60
3. DDF Evaluation	1/80					
4. Quality Review						
5. Preliminary Data Sort						
6. Preliminary Check	1/80	MK	01776	1	4800	60
7. First User Tape #			*003738	1	4800	60
8. Final User Tape #			003738	1		
9. Final Check				1		
10. NAPIS Inventory				1		
11. DIP Inventory						
12. Data Set 'Finalized'						

*DSN = TR5006

NOAA FORM 61-29
(12-71)

U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

79-0330

LETTER TRANSMITTING DATA

REFERENCE NO.
C211-6

DATA AS LISTED BELOW WERE FORWARDED TO YOU BY *(Check)*:

☐ ORDINARY MAIL ☐ AIR MAIL

☐ REGISTERED MAIL ☐ EXPRESS

☐ GBL *(Give number)* _____

Interoffice Mail

TO:

Mr. Jim Ridlon
Rm. 428 - Page Bldg. -1
D781

DATE FORWARDED
November 5, 1979

NUMBER OF PACKAGES
One

NOTE: A separate transmittal letter is to be used for each type of data, as tidal data, seismology, geomagnetism, etc. State the number of packages and include an executed copy of the transmittal letter in each package. In addition the original and one copy of the letter should be sent under separate cover. The copy will be returned as a receipt. This form should not be used for correspondence or transmitting accounting documents.

1 computer tape containing (4) files of Aanderaa current meter data from the New York Bight Area covering the period 11-15-78 to 4-3-79.

TR 5006
TR 5007
TR 5008
TR 5009

(NODC 24)
(JR149)

FROM: *(Signature)*

Bruce B. Parker, Actg. Chief, Circulatory Surveys Branch

RECEIVED THE ABOVE
(Name, Division, Date)

Return receipted copy to:

NOAA/National Ocean Survey
6001 Executive Blvd.
Rockville, Maryland 20852
ATTN: C211

11/19/79

NOAA FORM 61-29 SUPERSEDES FORM C&GS 413 WHICH MAY BE USED.

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
7900330	F005	TR4975	0065	31J4	317F	1978/10/13	057901	310460
7900330	F005	TR4976	0065	31J4	317F	1978/10/13	057901	310461
7900330	F005	TR4977	0065	31J4	317F	1978/10/13	057901	310462
7900330	F005	TR4978	0065	31J4	317F	1978/10/13	057901	310463
7900330	F005	TR4979	0065	31J4	317F	1978/10/13	057901	310464
7900330	F005	TR4980	0065	31J4	317F	1978/10/13	057901	310465
7900330	F005	TR4981	0065	31J4	317F	1978/09/27	067901	310466
7900330	F005	TR4982	0065	31J4	317F	1978/09/27	067901	310467
7900330	F005	TR4983	0065	31J4	317F	1978/09/27	067901	310468
7900330	F005	TR4984	0065	31J4	317F	1978/09/27	067901	310469
7900330	F005	TR4985	0065	31J4	317F	1978/09/26	067901	310470
7900330	F005	TR4986	0065	31J4	317F	1978/09/26	067901	310471
7900330	F005	TR4987	0065	31J4	317F	1978/09/26	067901	310472
7900330	F005	TR4988	0065	31J4	317F	1978/09/26	067901	310473
7900330	F005	TR4989	0065	31J4	317F	1978/09/26	167901	310474
7900330	F005	TR4990	0065	31J4	317F	1978/09/26	167901	310475
7900330	F005	TR4991	0065	31J4	317F	1978/09/26	247901	310476
7900330	F005	TR4992	0065	31J4	317F	1978/09/25	247901	310477
7900330	F005	TR4993	0065	31J4	317F	1979/05/30	237908	310478
7900330	F005	TR4994	0065	31J4	317F	1979/05/30	237908	310479
7900330	F005	TR4995	0065	31J4	317F	1979/05/30	237908	310480
7900330	F005	TR4996	0065	31J4	317F	1979/05/30	237908	310481
7900330	F005	TR4997	0065	31J4	317F	1979/05/31	237908	310482
7900330	F005	TR4998	0065	31J4	317F	1979/05/31	237908	310483
7900330	F005	TR4999	0065	31J4	317F	1979/05/31	237908	310484
7900330	F005	TR5000	0065	31J4	317F	1979/05/22	047909	310485
7900330	F005	TR5001	0065	31J4	317F	1979/05/23	047909	310486
7900330	F005	TR5002	0065	31J4	317F	1979/05/23	047909	310487
7900330	F005	TR5003	0065	31J4	317F	1979/05/23	047909	310488
7900330	F005	TR5004	0065	31J4	317F	1979/05/23	047909	310489
7900330	F005	TR5005	0065	31J4	317F	1979/05/23	047909	310490
7900330	F005	TR5006	0065	31J4	317F	1978/11/15	177902	310491
7900330	F005	TR5007	0065	31J4	317F	1978/11/15	177902	310492
7900330	F005	TR5008	0065	31J4	317F	1978/11/15	177902	310493
7900330	F005	TR5009	0065	31J4	317F	1979/02/06	037905	310494

(35 rows affected)

```
Password:
 accNo   fleA refNo  ship staCnt recCnt startDate  endDate
 ------- ---- ------ ---- ------ ------ ---------- ----------
 7900330 F005 TR4975 317F 2      1499   78/10/13   78/11/13
 7900330 F005 TR4976 317F 2      1500   78/10/13   78/11/13
 7900330 F005 TR4977 317F 2      1502   78/10/13   78/11/13
 7900330 F005 TR4978 317F 2      1502   78/10/13   78/11/13
 7900330 F005 TR4979 317F 2      1502   78/10/13   78/11/13
 7900330 F005 TR4980 317F 2      1503   78/10/13   78/11/13
 7900330 F005 TR4981 317F 3      2356   78/09/27   78/11/15
 7900330 F005 TR4982 317F 3      2356   78/09/27   78/11/15
 7900330 F005 TR4983 317F 3      2356   78/09/27   78/11/15
 7900330 F005 TR4984 317F 3      2356   78/09/27   78/11/15
 7900330 F005 TR4985 317F 3      2350   78/09/26   78/11/14
 7900330 F005 TR4986 317F 3      2351   78/09/26   78/11/14
 7900330 F005 TR4987 317F 3      2349   78/09/26   78/11/14
 7900330 F005 TR4988 317F 3      2349   78/09/26   78/11/14
 7900330 F005 TR4989 317F 3      2356   78/09/26   78/11/14
 7900330 F005 TR4990 317F 2      1528   78/09/26   78/10/28
 7900330 F005 TR4991 317F 3      1805   78/09/26   78/11/02
 7900330 F005 TR4992 317F 3      2359   78/09/25   78/11/13
 7900330 F005 TR4993 317F 2      2100   79/05/30   79/06/28
 7900330 F005 TR4994 317F 2      2100   79/05/30   79/06/28
 7900330 F005 TR4995 317F 2      1379   79/05/30   79/06/28
 7900330 F005 TR4996 317F 2      1378   79/05/30   79/06/28
 7900330 F005 TR4997 317F 2      1376   79/05/31   79/06/29
 7900330 F005 TR4998 317F 2      1375   79/05/31   79/06/29
 7900330 F005 TR4999 317F 2      1376   79/05/31   79/06/29
 7900330 F005 TR5000 317F 3      2350   79/05/22   79/07/10
 7900330 F005 TR5001 317F 3      2301   79/05/23   79/07/10
 7900330 F005 TR5002 317F 3      2301   79/05/23   79/07/10
 7900330 F005 TR5003 317F 3      2381   79/05/23   79/07/11
 7900330 F005 TR5004 317F 3      2360   79/05/23   79/07/11
 7900330 F005 TR5005 317F 3      2360   79/05/23   79/07/11
 7900330 F005 TR5006 317F 3      3341   78/11/15   79/01/24
 7900330 F005 TR5007 317F 3      3341   78/11/15   79/01/24
 7900330 F005 TR5008 317F 3      5010   78/11/15   79/01/24
 7900330 F005 TR5009 317F 3      2698   79/02/06   79/04/03

(35 rows affected)
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