

DATA DOCUMENTATION FORM

A01649 ~~XXXXXXXXXX~~

NOAA FORM 24-13
(77)

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. 41-R2651
EXPIRES 1-81

DO 2703

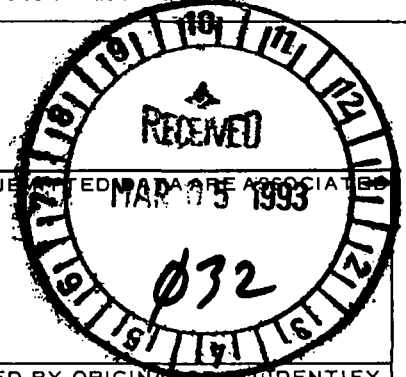
TW4833-TW4844 FOIS L01520-L01528 L124

(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

Pacific Marine Environmental Laboratory, NOAA 3F
7600 Sand Point Way NE
Seattle, WA 98115

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED	3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT
Chukchi Sea Circulation Study	

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
buoy	buoy	US	US	8/90	9/91

8. ARE DATA PROPRIETARY?

NO YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____

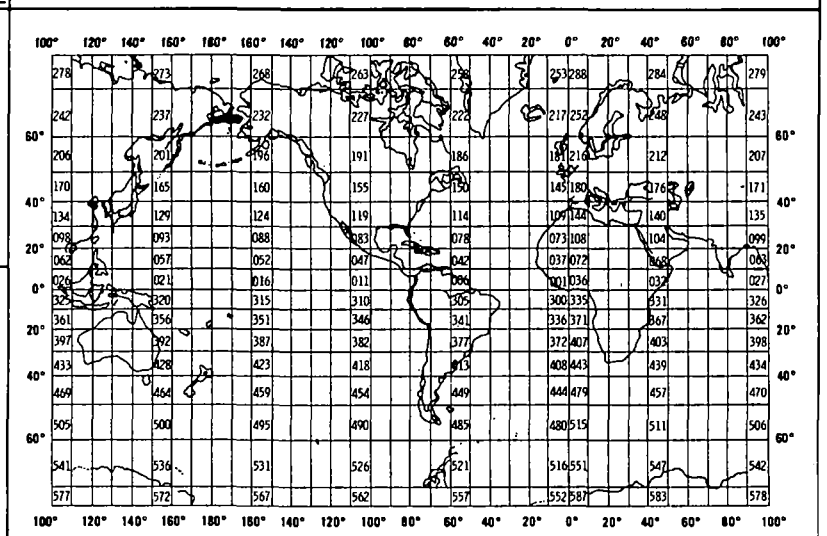
11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

GENERAL AREA

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?

(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

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)

Ms. Lynn Long
(206) 526-6185

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

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

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

(see attached sheets)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

(see attached sheets)

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Ms. Lynn Long (206)526-6185
 ADDRESS NOAA/PMEL/CARD, 7600 Sand Point Way NE, Seattle, WA 98115

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input checked="" type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK <input checked="" type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>Chukchi Sea Circulation Study Current meter data, 8/90 to 9/91 12 meters, 9 track, ASCII, odd parity 1600 bpi, 2640 chars/blk</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>_____</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>_____</p>

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN <small>(e.g., bits, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
<p>(see attached sheets)</p>					

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN <small>(e.g., bits, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		

9300039

ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
9300039	TW4833	F015		313F	317F	MTR1823	09/24/90	09/24/91	1	8,754
9300039	TW4834	F015		313F	317F	MTR1824	09/22/90	09/19/91	1	8,704
9300039	TW4835	F015		313F	317F	MTR5989	09/20/90	09/30/91	1	9,021
9300039	TW4836	F015		313F	317F	MTR5258	09/03/90	09/16/91	1	9,073
9300039	TW4837	F015		313F	317F	MTR6558	09/22/90	09/25/91	1	8,839
9300039	TW4838	F015		313F	317F	MTR7491	09/21/90	01/14/91	1	2,766
9300039	TW4839	F015		313F	317F	MTR1029	09/04/90	09/05/91	1	8,804
9300039	TW4840	F015		313F	317F	MTR2496	09/21/90	09/04/91	1	8,338
9300039	TW4841	F015		313F	317F	MTR3428	09/21/90	09/30/91	1	8,995
9300039	TW4842	F015		313F	317F	MTR6525	09/22/90	10/05/91	1	9,064
9300039	TW4843	F015		313F	317F	MTR5427	09/08/90	09/22/91	1	9,091
9300039	TW4844	F015		313F	317F	MTR2248	09/10/90	09/22/91	1	9,050

12
100, 499

ACCESSION NO. 9300039 FILETYPE F015

TRACK NO. _____

PROJECT IDENTIFICATION _____

~~CHUK~~
CHUKCHI SEA
NO. CIRCULATION Study

STEP	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	RECORDS
ORIG. TAPE	3-5-93	FJM	DD2703 (XXXXXX)	1	132	2640	206,680
DUPLICATE TAPE	3-11-93	↓	W74073 *	1	132	↓	↓
REFORMATTED TAPE	4-27-93	R.P.S.	W ² 6765 **	1	60	6000	100,500
REFORMATTED DISK							
FIRST MULCHEK							
FINAL MULCHEK							
MPD75 OR F022							
DATA SET FINALIZED							

ERRORS REPORTED TO PRINCIPAL INVESTIGATOR:

(12 METERS)
 * LABEL: DNDC * 9300039-01.
 ** LABEL: DNDC * CHUKCUTOUT.

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

(TRACKS DELETED, FIELDS DELETED, ETC.)

TRANSMITTAL AND RECEIPT RECORD
(Please sign and return carbon copy acknowledging receipt)

A01649
~~XXXXXXXXXX~~

TO: NOAA/NESDIS/NODC
1825 Connecticut Ave NW
Washington DC 20235

REFER TO 9300039
ATTENTION
E/OC13, Dr. Anthony R. Picciolo

THE ITEM(S) LISTED BELOW WERE FORWARDED TO YOU BY

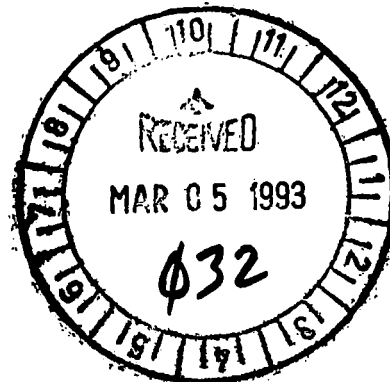
D02703

- ORDINARY MAIL
- REGISTERED MAIL
- AIR MAIL
- CERTIFIED MAIL
- GOVERNMENT TRUCK
- BY HAND
- OTHER

Enclosed, find documentation and one (1) magnetic tape containing current meter data from 12 meters resultant from the Chukchi Sea Circulation Study, 8/90 to 9/91. These data were submitted by Ms. Lynn Long, NOAA/PMEL/CARD division.

Tape Specs. - 9 track, ASCII, odd parity, 1600 bpi

CC: Ms. Lynn Long, NOAA/PMEL/CARD div.



FORWARDED BY (Signature) Sid Stillwaugh	TITLE NODC Liaison Officer, Seattle	DATE FORWARDED 3/2/93
RECEIVED BY (Signature)	TITLE	DATE RECEIVED

Data File Name -

SCRATCH:[LONG]MA190CM1823.041

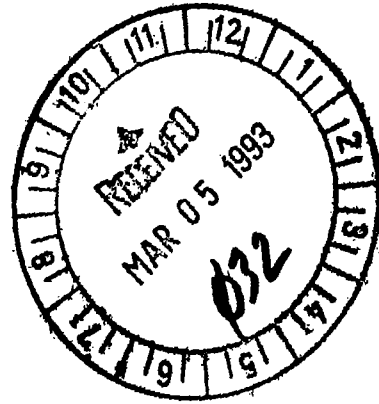
Data Header -

INSTRUMENT

LAT 65 54.0N LONG 169 25.7W DEPTH 41.0M MA1 900924 1100 910924 0300
 DT = 60. min. T. ConPR.SalCur ARCTIC CHOEX 11:59 8-SEP-92 0000 T A
 1100 24 SEP 90 TO 0300 24 SEP 91 (364.7 DAYS) 50 8753 60.00010
 MA1 CM1823 RCM4 K. Aagaard
 620 600 20 50 1 41 310 300 320 321 0 0 0 0 0 0 0 0 0 0
 Press. is water press only 00000000000000000000
 Old calib,mag var 14.3E,tape ran out

DATE (EPIC)
 TIME (EPIC)
 TEMPERATURE (C)
 CONDUCTIVITY
 PRESSURE (DB)
 → SALINITY (PSU) ←
 CURRENT DIRECTION DEGREES
 CURRENT SPEED (CM/S)
 ZONAL CURRENT (CM/S)
 MERIDIONAL CURRENT (CM/S)

LINE	DAT	TIM	T	C	P	S	CD	CS	U	V
5,	900924.,	1500.,	2.9860E+00,	2.9813E+01,	4.1320E+01,	3.2740E+01,	2.6700E+02,	1.4100E+01,	-1.4081E+01,	-7.3794E-01,
10,	900924.,	2000.,	2.8960E+00,	2.9741E+01,	4.1320E+01,	3.2744E+01,	2.0500E+02,	1.2400E+01,	-5.2405E+00,	-1.1238E+01,
15,	900925.,	100.,	2.9860E+00,	2.9741E+01,	4.1320E+01,	3.2653E+01,	3.3500E+02,	1.3200E+01,	-5.5786E+00,	1.1963E+01,
20,	900925.,	600.,	2.9630E+00,	2.9741E+01,	4.1320E+01,	3.2675E+01,	5.6000E+01,	1.4500E+01,	1.2021E+01,	8.1083E+00,
25,	900925.,	1100.,	3.0080E+00,	2.9741E+01,	4.1320E+01,	3.2630E+01,	5.5000E+01,	1.4800E+01,	1.2123E+01,	8.4889E+00,
30,	900925.,	1600.,	2.9860E+00,	2.9741E+01,	4.1320E+01,	3.2653E+01,	2.3000E+01,	1.6700E+01,	6.5252E+00,	1.5372E+01,
35,	900925.,	2100.,	2.3810E+00,	2.9380E+01,	4.1320E+01,	3.2830E+01,	4.6000E+01,	1.5900E+01,	1.1438E+01,	1.1045E+01,
40,	900926.,	200.,	2.8960E+00,	2.9669E+01,	4.1320E+01,	3.2656E+01,	5.5000E+01,	1.7700E+01,	1.4499E+01,	1.0152E+01,
45,	900926.,	700.,	3.0080E+00,	2.9669E+01,	4.1320E+01,	3.2542E+01,	4.7000E+01,	1.2900E+01,	9.4345E+00,	8.7978E+00,
50,	900926.,	1200.,	2.0890E+00,	2.9236E+01,	4.1320E+01,	3.2953E+01,	2.4000E+01,	2.9300E+01,	1.1917E+01,	2.6767E+01,
55,	900926.,	1700.,	2.0670E+00,	2.9236E+01,	4.1320E+01,	3.2976E+01,	4.0000E+00,	2.7800E+01,	1.9392E+00,	2.7732E+01,
60,	900926.,	2200.,	2.0890E+00,	2.9236E+01,	4.1320E+01,	3.2953E+01,	2.0000E+01,	2.8900E+01,	9.8844E+00,	2.7157E+01,
65,	900927.,	300.,	2.0670E+00,	2.9236E+01,	4.1320E+01,	3.2976E+01,	2.7000E+01,	3.0100E+01,	1.3665E+01,	2.6819E+01,
70,	900927.,	800.,	2.0000E+00,	2.9164E+01,	4.1320E+01,	3.2957E+01,	2.5000E+01,	3.0800E+01,	1.3017E+01,	2.7914E+01,



PROGRAM READTAPE

C
C
C
C

SAMPLE FORTRAN PROGRAM TO READ NOAA/PMEL/OCRD TIME SERIES TAPE.
 JJ IS NUMBER OF DATA FILES; LL IS NUMBER OF HEADERS FOR EACH DATA FILE.

```

CHARACTER*1 N
CHARACTER*132 A,B,C
N = 'N'
READ (1,1,END=1000)
READ (1,1,END=1000)
1  FORMAT (1X)
   JJ = 0
100  JJ = JJ + 1
     DO 10 I=1,10
       READ (1,1,END=1000)
10   CONTINUE
     LL = 0
20   READ (1,2) A
     2  FORMAT (A132)
     LL = LL + 1
     READ (1,2) B
     READ (1,2) C
     DO 30 I=1,5
       READ (1,1,END=1000)
30   CONTINUE
     IF (LL.GT.1) GO TO 95
     READ (C,55) IX
55   FORMAT (79X,I2)
     READ (C,65) NUM
65   FORMAT (56X,I5)
     PRINT 15, JJ, LL, IX, NUM, B(80:80)
     5  FORMAT ('0JJ =', I3, 3X, 'LL =', I3, 3X, 'IX =', I5, 3X, 'NUM =', I5,
1     3X, 'B(80:80) =', A1)
     PRINT 16, A
16   FORMAT (1H0,A132)
     PRINT 17, B
17   FORMAT (1X,A132)
     PRINT 17, C
95   IF (B(80:80).EQ.N) GO TO 20
     NV = 7 + IX
     DO 40 I=1, NV
       READ (1,1,END=1000)
40   CONTINUE
     IF (JJ.GT.25) GO TO 80
     READ (1,*) LINE, DATE, TIME, U, V
     PRINT 70, LINE, DATE, U, V
70   FORMAT (' LINE =', I5, 3X, 'DATE =', F10.3, 3X, 'U =', F10.3, 3X, 'V =',
1     F10.3)
     DO 50 I=2, NUM
       READ (1,*) LINE, DATE, TIME, U, V
50   CONTINUE
     PRINT 70, LINE, DATE, U, V
     GO TO 100
80   READ (1,*) LINE, DATE, TIME, SST
     PRINT 90, LINE, DATE, SST
90   FORMAT (' LINE =', I5, 3X, 'DATE =', F10.3, 3X, 'SST =', F10.3)
     DO 45 I=2, NUM
       READ (1,*) LINE, DATE, TIME, SST
     5  CONTINUE
     PRINT 90, LINE, DATE, SST
     GO TO 100
1000 STOP 1
      END
  
```

NOAA / PMEL / OCRD Time Series Data Format Description

Magnetic tapes containing Time Series data have the following characteristics:

- 1) 9-track
- 2) ASCII
- 3) Odd Parity
- 4) 1600 BPI
- 5) Single file
- 6) End-of-file mark - Octal 17
- 7) Blocking: Tapes have 132-character records blocked 20 records/block, and therefore have 2640 characters/block.
- 8) The data files are in the order shown on the attached listing (titled "EPIC").
- 9) Data Format: The enclosed data listing shows the format of the data on the tape. The listing format differs from the tape only in that the listing is of subsampled data. Each data file on the tape has at least one data header. Each data header consists of 8 81-character lines. After the headers, there is descriptive information about each of the variables in the data scans. The data scans themselves follow sequentially.

Each data header has a flag in column 80 of line 2 which indicates whether another header follows it. The flag is the character N if another header follows, blank if not. If there is more than one header in a data file, there will be one blank line between the headers.

It is necessary to skip 12 lines to reach the first data header. After all data scans for each time series (each buoy) have been read, skip 10 lines to reach the next data header.

The first data scan is NV + 7 lines after the last line of the last data header, where NV is the number of variables in a scan. The number of variables in each data scan is in columns 80-81 of line 3 in the first data header. The number of data scans in each cast is in columns 55-61 of line 3 in the first data header (see listing).
- 10) Enclosed is a listing of a sample FORTRAN program which reads data from a NOAA/PMEL/OCRD tape.

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
9300039	L124	L01520	9999	313F	317F	1990/08/27	MTR1824	212418
9300039	L124	L01521	9999	313F	317F	1990/09/11	MTR5989	212419
9300039	L124	L01522	9999	313F	317F	1990/09/10	MTR6558	212420
9300039	L124	L01523	9999	313F	317F	1990/09/10	MTR7491	212421
9300039	L124	L01524	9999	313F	317F	1990/08/27	MTR1029	212422
9300039	L124	L01525	9999	313F	317F	1990/09/10	MTR2496	212423
9300039	L124	L01526	9999	313F	317F	1990/09/11	MTR3428	212424
9300039	L124	L01527	9999	313F	317F	1990/09/11	MTR6525	212425
9300039	L124	L01528	9999	313F	317F	1990/08/27	MTR5427	212426
9300039	F015	TW4833	9999	313F	317F	1990/09/24	MTR1823	212427
9300039	F015	TW4834	9999	313F	317F	1990/09/22	MTR1824	212428
9300039	F015	TW4835	9999	313F	317F	1990/09/20	MTR5989	212429
9300039	F015	TW4836	9999	313F	317F	1990/09/03	MTR5258	212430
9300039	F015	TW4837	9999	313F	317F	1990/09/22	MTR6558	212431
9300039	F015	TW4838	9999	313F	317F	1990/09/21	MTR7491	212432
9300039	F015	TW4839	9999	313F	317F	1990/09/04	MTR1029	212433
9300039	F015	TW4840	9999	313F	317F	1990/09/21	MTR2496	212434
9300039	F015	TW4841	9999	313F	317F	1990/09/21	MTR3428	212435
9300039	F015	TW4842	9999	313F	317F	1990/09/22	MTR6525	212436
9300039	F015	TW4843	9999	313F	317F	1990/09/08	MTR5427	212437
9300039	F015	TW4844	9999	313F	317F	1990/09/10	MTR2248	212438

(21 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
9300039	L124	L01520	317F	1	626	90/08/27	91/09/19
9300039	L124	L01521	317F	1	197	90/09/11	91/09/30
9300039	L124	L01522	317F	1	289	90/09/10	91/09/25
9300039	L124	L01523	317F	1	265	90/09/10	91/01/14
9300039	L124	L01524	317F	1	196	90/08/27	91/09/05
9300039	L124	L01525	317F	1	285	90/09/10	91/09/04
9300039	L124	L01526	317F	1	225	90/09/11	91/09/30
9300039	L124	L01527	317F	1	256	90/09/11	91/10/05
9300039	L124	L01528	317F	1	211	90/08/27	91/09/22
9300039	F015	TW4833	317F	1	8754	90/09/24	91/09/24
9300039	F015	TW4834	317F	1	8704	90/09/22	91/09/19
9300039	F015	TW4835	317F	1	9021	90/09/20	91/09/30
9300039	F015	TW4836	317F	1	9073	90/09/03	91/09/16
9300039	F015	TW4837	317F	1	8839	90/09/22	91/09/25
9300039	F015	TW4838	317F	1	2766	90/09/21	91/01/14
9300039	F015	TW4839	317F	1	8804	90/09/04	91/09/05
9300039	F015	TW4840	317F	1	8338	90/09/21	91/09/04
9300039	F015	TW4841	317F	1	8995	90/09/21	91/09/30
9300039	F015	TW4842	317F	1	9064	90/09/22	91/10/05
9300039	F015	TW4843	317F	1	9091	90/09/08	91/09/22
9300039	F015	TW4844	317F	1	9050	90/09/10	91/09/22

(21 rows affected)