DDF 13:3:04

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8200104

1) File Type: F005

2) Project Ident.: NOW PROJ.

3) Track Nos.: TR8154-97

I. Error Corrections as reported to Principal Investigator:

Error	Correction Completed (Check)

II. Additional error corrections:

Error	Correction Completed (Check)
1. Deleted neg. Pressure values.	
2. Deleted conductivity values below 0650 and above 6050; also deleted neg. conductivity values.	
3. Deleted quest. temperature values for TRACK 8157	

III. Processor Name: M. Lewis

TAPE OR DISK ASSIGNMENT SHEET
(MRL) 11/6/78
(Rev. 11/80)

ACCESSION/TRACK NO.: 8200104 / TR8154 - 8197

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	NIB01 NIB02	NL	~~60~~ 45	4500	FB		105,700
DUPLICATE	ICEBAY	NL	45	4500	FB		105,700
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE	DI5773* F005.ICEBAY						105,700
EDITED DISK FILE	DL5773*F005.TR8154						105,559

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8200104

1) File Type: F005

2) Project Ident.: NOW-PROJ.

3) Track Nos.: TR8154-97

I. Error Corrections as reported to Principal Investigator:

Error	Correction Completed (Check)

II. Additional error corrections:

Error	Correction Completed (Check)
1. Deleted neg. Pressure values.	
2. Deleted conductivity values below 0650 and above 6050; also deleted neg. conductivity values.	
3. Deleted quest. temperature values for TRACK 8157	

III. Processor Name: M. Lewis

TAPE OR DISK ASSIGNMENT SHEET
(MRL) 11/6/78
(Rev. 11/80)

ACCESSION/TRACK NO.: 87-00104 / TR8154 - 8197

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	NIB01 NIB02	NL	~~60~~ 45	4500	FB		105,700
DUPLICATE	ICEBAY	NL	45	4500	FB		105,700
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE	DI5773* F005.ICEBAY						105,70[illegible]
EDITED DISK FILE	DL5773*F005.TR8154						105,35[illegible]

DATA SET ROUTE SHEET

ACCESSION/TRACK #_____

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #	~~6/14/82~~		NIB01 NIB02	1 1	4500 4500	45 45	105700
QUADI/SCAN TAPE #							
DDF EVALUATION	6/16/82	MKK					
QUALITY REVIEW	6/16/82	MKK					
PRELIMINARY DATA SORT							
PRELIMINARY MULCHEK	6/15/82	MKK	D15773*F005..TR8154				105,700
FIRST USER TAPE #							
WORK DISK FILE	6/14/82	MKK	D15773*F005.ICEMAY				105,700
FINAL USER TAPE #							
FINAL MULCHEK	6/ /82	MKK	*D15773*F005.TR8154				105,559
EDITED DISK FILE							
DATA SET "FINALIZED"							

*Data set split in two parts for editing purposes. recombined after processing completed

	ACCESSION NUMBER

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

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

Circulatory Surveys Branch
Marine Environmental Services Division
Office of Oceanography
National Ocean Survey

National Oceanic & Atmospheric Admin.
6001 Executive Boulevard
Rockville, MD 20852

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

~~OPR-A801-FE-79~~ OPR-P801-AR-79
~~Casco Bay, Maine~~ ICY BAY, ALASKA

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

OPR-A801-~~FE~~ AR-79

4. PLATFORM NAME(S)

NOAA Ship ~~FERREL~~ MACARTHUR

5. PLATFORM TYPE(S) *(E.G., SHIP, BUOY, ETC.)*

~~130~~ 195 Survey Ship
Taut-wire mooring, buoy

6. PLATFORM AND OPERATOR NATIONALITY(IES)

PLATFORM	OPERATOR
USA	USA

7. DATES

FROM: MO/DAY/YR	TO: MO/DAY/YR
7/7/79 ~~8/29/79~~	8/16/79 ~~11/7/79~~

8. ARE DATA PROPRIETARY?

[X] NO [ ] YES

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?)

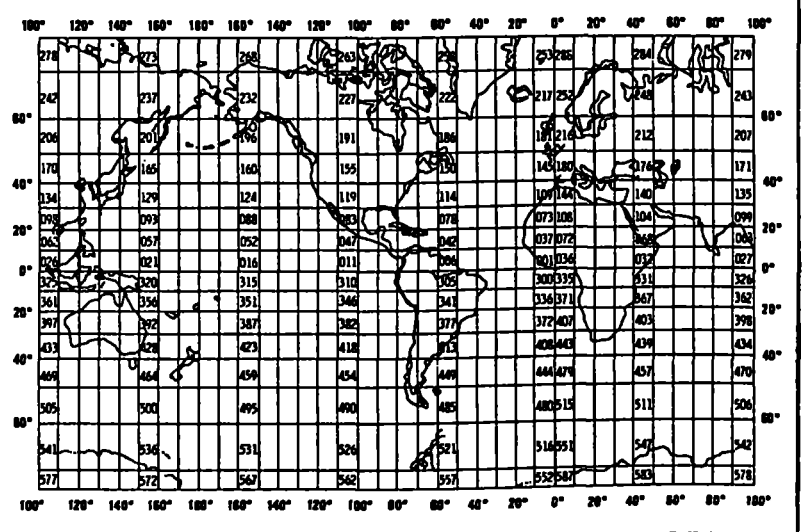
[X] NO [ ] YES [ ] PART *(SPECIFY BELOW)*

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

Chief, Circulatory Surveys Branch
(301) 443-8501

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

GENERAL AREA



USCOMM-DC 44289-P72

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 S 510)	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

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 Speed	Centimeters per Second	~~Grundy/Plessey~~ AANDERAA	N/A	Magnetic instrument tapes are transcribed onto a computer tape; data are converted to engineering units and edited (using Weiner method) on UNIVAC 1100 for obvious electronic or mechanical errors. (All edited points are flagged.)
Current Direction	Degrees (True)	~~Current Meter 9021 and~~		
Pressure	Kilograms per sq.cm.	Aanderaa Current Meter (Model RCM4)		
Conductivity	Millimhos Per cm.	(10-minute sampling interval)		
Temperature	Degrees Centigrade			
				[See attached calibration report.]

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

Aanderaa ~~& Grundy current~~ meter data. (See attached program and format sheet.)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

(See attached format and tape summary.)

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

4. RESPONSIBLE COMPUTER SPECIALIST:
NAME AND PHONE NUMBER Bruce Parker 443-8501
ADDRESS Room 427, WSC-1, OA/C2112, Rockville, MD 20852

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE ☒ BCD ☐ BINARY ☐ ASCII ☐ EBCDIC ☐ _____

6. NUMBER OF TRACKS (CHANNELS) ☒ SEVEN ☐ NINE ☐ _____

7. PARITY ☐ ODD ☒ EVEN

8. DENSITY ☐ 200 BPI ☐ 1600 BPI ☐ 556 BPI ☒ 800 BPI ☐ _____

9. LENGTH OF INTER-RECORD GAP (IF KNOWN) ☒ 3/4 INCH ☐ _____

10. END OF FILE MARK ☒ OCTAL 17 ☐ _____

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

~~Casco Bay, Maine~~ ICY BAY, ALASKA
Current meter data, speed, direction, temperature, pressure, conductivity

Charles R. Muirhead, Chief
Circulatory Surveys Branch

12. PHYSICAL BLOCK LENGTH IN BYTES
4500

13. LENGTH OF BYTES IN BITS

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		
(See attached 005 Format Sheet.)					

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		

USCOMM-DC 44289-P72

RECORD FORMAT DESCRIPTION

RECORD NAME _____

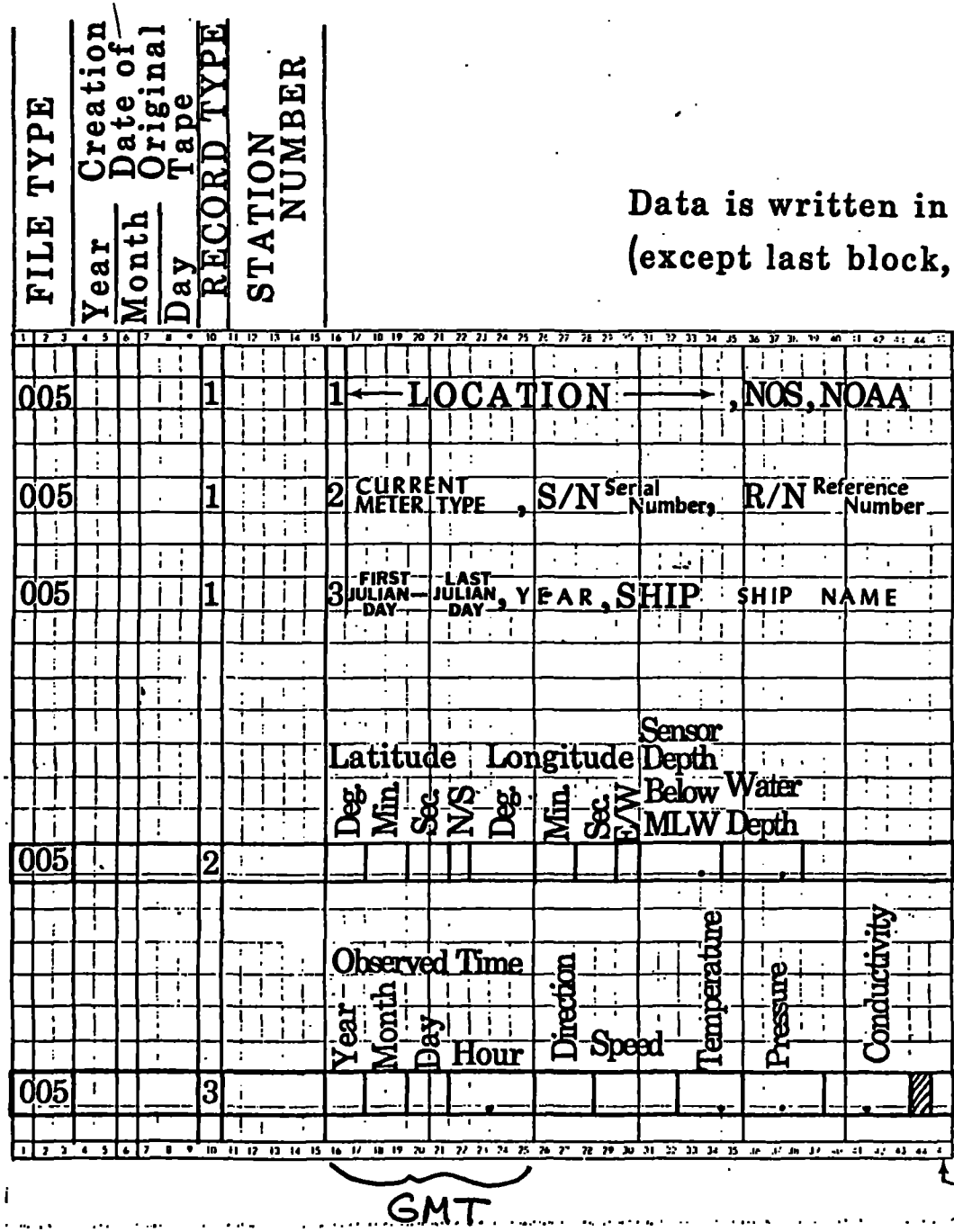
14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		

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 (√)	(√)
Refer to Technical Report C652-80-03									

NODC FORMAT FOR CURRENT DATA



Data is written in blocks of 4500 characters (except last block, which is ≤4500 characters).

Depth in meters.
Direction in degrees true.
Speed in cm/sec.
Temperature in degrees Celsius.
Pressure in kg/cm^2.
Conductivity in mmho/cm.

1 Indicates that data point was edited

TAPE NIBØ 1

CURRENT DATA (TYPE 005) FROM NOS TO NODC

JTA

STATION I.B.1 C-11

```
CD57911011   111 ICY BAY   ALASKA ,NOS,NOAA
CD57911011   112AANDERAA,S/N 3213, R/N  259
CD57911011   113189-205,1979,SHIP MACARTHUR
CD57911012   1160 048N1412226W  55 970

CD57911013   1179 7 82050 43   7 49 242059        FIRST DATA POINT


CD57911013   1179 7241667349  21 40  822525        LAST DATA POINT  ( NO.  2282 )
```

TR6155

STATION I.B.1 C-11

```
CD57911011   111 ICY BAY   ALASKA ,NOS,NOAA
CD57911011   112AANDERAA,S/N 3352, R/N  46
CD57911011   113189-205,1979,SHIP MACARTHUR
CD57911012   1160 048N1412226W 162 970

CD57911013   1179 7 82087 41  13 3319182654      FIRST DATA POINT


CD57911013   1179 7241670273  13 61 17902836      LAST DATA POINT  ( NO.  2283 )
```

TR6155

STATION I.B.1 C-16

```
CD57911011   161 ICY BAY   ALASKA ,NOS,NOAA
CD57911011   162AANDERAA,S/N 3433, R/N  372
CD57911011   163189-205,1979,SHIP MACARTHUR
CD57911012   1660 2 6N1411943W 1461189

CD57911013   1679 7 82287159   5 43 1772646      FIRST DATA POINT


CD57911013   1679 727 90314e  11 41 2012585      LAST DATA POINT  ( NO.  1646 )
```

STATION I.B.1 C-16

```
CD57911C11   1C1 ICY BAY   ALASKA ,NOS,NOAA
CD57911C11   1C2AANDERAA,S/N 3432, R/N  372
CD57911C11   103189-205,1979,SHIP MACARTHUR
CD57911C12   1660 2 6N1411943W | 146 1189

CD57911013   1679 7 82257159   5 43 | 177 2646      FIRST DATA POINT
```

TR 0132

```
CD57911013   1679 72C 903146  11 41 2012585      LAST DATA POINT  ( NO.  1646 )
```

STATION I.B.1 C- 1

```
CD57911011   011 ICY BAY   ALASKA ,NOS,NOAA
CD57911011   012AANDERAA,S/N  704, R/N  407
CD57911011   013191-207,1979,SHIP MACARTHUR
CD57911012   01595332N1414012W | 43 | 134

CD57911013   0179 7102083 92  85125  543458      FIRST DATA POINT
```

TR815 7

```
CD57911013   0179 7261733329  36-24 | 293533      LAST DATA POINT  ( NO.  2234 )
```

STATION I.B.1 C- 1

```
CD57911011   011 ICY BAY   ALASKA ,NOS,NOAA
CD57911011   012AANDERAA,S/N 1063, R/N   22
CD57911011   013191-207,1979,SHIP MACARTHUR
CD57911012   01595332N1414012W | 98 | 134

CD57911013   0179 7102037113  52110 112  0      FIRST DATA POINT
```

TR815 8

```
CD57911013   0179 7262137 94  32117 113  0      LAST DATA POINT  ( NO.  2311 )
45 BLANKS AT END OF STATION
```

STATION I.B.1 C- 2

```
CD57911011   021 ICY BAY   ALASKA ,NOS,NOAA
CD57911011   022AANDERAA,S/N 1026, R/N  414
CD57911011   023191-207,1979,SHIP MACARTHUR
CD57911012   01595117N1413013W | 43 | 171
```

```
CD57911013   0179 7262157 94  32117 113   0        LAST DATA POINT  ( NO.  2311 )
45 BLANKS AT END OF STATION
```

STATION I.B.1 C- 2 TR815/1

```
CD57911011   021 ICY BAY   ALASKA ,NOS,NOAA
CD57911011   022AANDERAA,S/N 1023, R/N  414
CD57911011   023191-207,1979,SHIP MACARTHUR
CD57911012   02595117N1413013W | 40 171
```

```
CD57911013   0279 7102233235  65119  723348        FIRST DATA POINT

CD57911013   0279 7262233338  30125  733476        LAST DATA POINT  ( NO.  2305 )
45 BLANKS AT END OF STATION
```

STATION I.B.1 C- 2

TR8160

```
CD57911011   021 ICY BAY   ALASKA ,NOS,NOAA
CD57911011   022AANDERAA,S/N 3430, R/N | 892
CD57911011   023191-207,1979,SHIP MACARTHUR
CD57911012   02595117N1413013W 134 171

CD57911013   0279 7102220 23  25118 1693495       FIRST DATA POINT

CD57911013   0279 7262253355  32121 1663525       LAST DATA POINT  ( NO.  2307 )
45 BLANKS AT END OF STATION
```

STATION I.B.1 C-3

TR8161

```
CD57911011   031 ICY BAY   ALASKA ,NOS,NOAA
CD57911011   032AANDERAA,S/N 3323, R/N | 196
CD57911011   033191-208,1979,SHIP MACARTHUR
CD57911012   02595433N1413541W | 52 265

CD57911013   0279 7101867261  40 58  37 -19       FIRST DATA POINT

CD57911013   0279 7262367256  53125  57 -19       LAST DATA POINT  ( NO.  2335 )
45 BLANKS AT END OF STATION
```

STATION I.B.1 C- 3

TR 81 62

```
C057911C11   031 ICY BAY   ALASKA ,NOS,NOAA
C057911011   032AANDERAA,S/N 3335,  R/N  571
C057911011   033191-208,1979,SHIP MACARTHUR
C057911012   035954 33N1413541W 229 265

C057911013   0379 7101903 97   52 95  2363137      FIRST DATA POINT



C057911013   0379 7262370194  26118  2573465      LAST DATA POINT  ( NO.  2333 )
45 BLANKS AT END OF STATION
```

STATION I.B.1 C- 5

TR 81 63

```
C057911C11   061 ICY BAY   ALASKA ,NOS,NOAA
C057911011   062AANDERAA,S/N 3351,  R/N  298
C057911011   063192-192,1979,SHIP MACARTHUR
C057911012   065955 42N1412823W 145 494

C057911013   0679 7111837171  11113 1453441      FIRST DATA POINT



C057911013   0679 7261820264  22126 1543539      LAST DATA POINT  ( NO.  2163 )
```

STATION I.B.1 C- 5

TR 81 64

```
C057911011   061 ICY BAY   ALASKA ,NOS,NOAA
C057911011   062AANDERAA,S/N 3428,  R/N  512
C057911011   063192-192,1979,SHIP MACARTHUR
C057911012   065955 42N1412823W 464 494

C057911013   0679 7111823349   18 84  4723251      FIRST DATA POINT



C057911013   0679 7261857 66  15120  4753558      LAST DATA POINT  ( NO.  2163 )
45 BLANKS AT END OF STATION
```

STATION I.B.1 C- 4

TR 81 65

```
C057911011   041 ICY BAY   ALASKA ,NOS,NOAA
C057911011   042AANDERAA,S/N 3220,  R/N  726
C057911011   043192-213,1979,SHIP MACARTHUR
C057911012   045957 36N1413147W 145 659

C057911013   0479 7111967 70   12 85   512494      FIRST DATA POINT



C057911013   0479 8 12252164   11 56   522700      LAST DATA POINT  ( NO.  3042 )
```

STATION I.B.1 C- 4

```
C057911071   041 ICY BAY   ALASKA ,NOS,NOAA
C057911071   042AANDERAA,S/N 1073, R/N  780
C057911071   043192-213,1979,SHIP MACARTHUR
C057911072   045595736N1413147W 626 659

C057911073   0479 7111940186  15 75 5943231      FIRST DATA POINT

C057911073   0479 8 12257 62   1113 6573557      LAST DATA POINT ( NO.  3044 )
```

TR81169

STATION I.B.1 C-12

```
C057911071   121 ICY BAY   ALASKA ,NOS,NOAA
C057911071   122AANDERAA,S/N 3432, R/N  415
C057911071   123192-214,1979,SHIP MACARTHUR
C057911072   125959 3N1412815W 46 604

C057911073   1279 7112283  3  24 65  812285      FIRST DATA POINT

C057911073   1279 8 12383109  13 55  622696      LAST DATA POINT ( NO.  3031 )
```

TR81167

45 BLANKS AT END OF STATION

STATION I.B.1 C-14

```
C057911071   141 ICY BAY   ALASKA ,NOS,NOAA
C057911071   142AANDERAA,S/N 3429, R/N  610
C057911071   143201-217,1979,SHIP MACARTHUR
C057911072   1460 351N14123 0W 149 372

C057911073   1479 7202020110  12 44 2132634      FIRST DATA POINT

C057911073   1479 8 42237150  12 75 2412945      LAST DATA POINT ( NO.  2174 )
```

TR81165

STATION IB1STA 5

```
C05  50811   051 ICY BAY   ALASKA ,NOS,NOAA
C05  50811   052AANDERAA,S/N 1070, R/N  618
C05  50811   053188-207,1979,SHIP MACARTHUR
C05  50812   0559564BN1413113W 626 659

C05  50813   0579 7 72243233  13 75 6623272      FIRST DATA POINT

C05  50813   0579 7262023 35  23109 6433504      LAST DATA POINT ( NO.  2724 )
```

TR81169

STATION IB1STA 11

TR8172

```
CDS  50811   111 ICY BAY   ALASKA ,NOS,NOAA
CDS  50811   112AANDERAA,S/N 1960, R/N  559
CDS  50811   113189-205,1979,SHIP MACARTHUR
CDS  50812   1160 048N1412226W 939 670

CDS  50813   1179 6302157 18   1 5210023018      FIRST DATA POINT
CDS  50813   1179 7152207250   5 6310103150      LAST DATA POINT  ( NO.  2164 )
```

STATION IB1STA 16

TR8171

```
CDS  50811   161 ICY BAY   ALASKA ,NOS,NOAA
CDS  50811   162AANDERAA,S/N 2095, R/N  657
CDS  50811   163189-205,1979,SHIP MACARTHUR
CDS  50812   1660 2 6N1411943W1531189

CDS  50813   1679 7 82290275   6 4912042999      FIRST DATA POINT
CDS  50813   1679 7241807334   5 6012083088      LAST DATA POINT  ( NO.  2276 )
```

TR8172

STATION IB1STA 4

TR8172

```
CDS  50811   041 ICY BAY   ALASKA ,NOS,NOAA
CDS  50811   042AANDERAA,S/N 3336, R/N  118
CDS  50811   043192-213,1979,SHIP MACARTHUR
CDS  50812   04595736N1413147W 152 659

CDS  50813   0479 7111953129  24 9415443128      FIRST DATA POINT
CDS  50813   0479 8 12253250  14 6116772833      LAST DATA POINT  ( NO.  3043 )
45 BLANKS AT END OF STATION
```

TR8173

STATION IB1STA 12

TR8173

```
CDS  50811   121 ICY BAY   ALASKA ,NOS,NOAA
CDS  50811   122AANDERAA,S/N 3434, R/N  139
CDS  50811   123192-214,1979,SHIP MACARTHUR
CDS  50812   125959 3N1412815W 567 604

CDS  50813   1279 7112253359   4 776104   0      FIRST DATA POINT
CDS  50813   1279 8 12353308   11166065   0      LAST DATA POINT  ( NO.  3031 )
45 BLANKS AT END OF STATION
```

45 BLANKS AT END OF STATION

STATION IB1STA 14

TR81794

```
CDS  50811   141 ICY BAY   ALASKA ,NOS,NOAA
CDS  50811   142AANDERAA,S/N 2113, R/N  806
CDS  50811   143201-217,1979,SHIP MACARTHUR
CDS  50812   1460 351N14123 0W13361372

CDS  50813   1479 7202057158   7 55 14233015      FIRST DATA POINT
CDS  50813   1479 8 42207114   1 50 1461 714      LAST DATA POINT  ( NO.  2170 )
```

STATION IB1STA 15

TR81785

```
CDS  50811   151 ICY BAY   ALASKA ,NOS,NOAA
CDS  50811   152AANDERAA,S/N 3431, R/N  407
CDS  50811   153201-217,1979,SHIP MACARTHUR
CDS  50812   1560 356N14120Z7W 1431 025

CDS  50813   1579 7202350 56   1 38 1142491      FIRST DATA POINT
CDS  50813   1579 8 42350112   1 44 1122613      LAST DATA POINT  ( NO.  2161 )
45 BLANKS AT END OF STATION
```

STATION IB1STA 15

TR81796

```
CDS  50811   151 ICY BAY   ALASKA ,NOS,NOAA
CDS  50811   152AANDERAA,S/N 3221, R/N  962
CDS  50811   153201-217,1979,SHIP MACARTHUR
CDS  50812   1560 356N14120Z7W 1491 025

CDS  50813   1579 7202203216  11 35 134 -19      FIRST DATA POINT
CDS  50813   1579 8 42353171  71 77 215 -19      LAST DATA POINT  ( NO.  2170 )
```

STATION IB1STA 15

TR81797

```
CDS  50811   151 ICY BAY   ALASKA ,NOS,NOAA
CDS  50811   152AANDERAA,S/N 2117, R/N  203
CDS  50811   153201-217,1979,SHIP MACARTHUR
CDS  50812   1560 356N14120Z7W 1485 025

CDS  50813   1579 7202290331  67 83 6123205      FIRST DATA POINT
CDS  50813   1579 8 42340145   1106 10573429      LAST DATA POINT  ( NO.  2154 )
```

575 BLOCKS WRITTEN.
ALL BLOCKS ARE OF LENGTH 4500 CHARACTERS,
EXCEPT THE LAST WHICH IS 270 CHARACTERS LONG

TAPE NIBØ2

CURRENT DATA (TYPE COS) FROM NOS TO NODC

STATION ICB2 C-16

```
COS  7C811   161 ICY BAY   ALASKA ,NOS,NOAA
COS  7C811   162AANDERAA,S/N 1075, R/N  903
COS  7C811   163205-226,1979,SHIP MACARTHUR
COS  7C812   1660 211N1411932W 1401189

COS  7C813   1679 7241987261  10 51 1232699      FIRST DATA POINT
COS  7C813   1679 8141753152  10 52 1932973      LAST DATA POINT ( NO.  3011 )
45 BLANKS AT END OF STATION
```

STATION ICB2 C-16

```
COS  7C811   161 ICY BAY   ALASKA ,NOS,NOAA
COS  7C811   162AANDERAA,S/N 2475, R/N  108
COS  7C811   163205-226,1979,SHIP MACARTHUR
COS  7C812   1660 211N1411932W1401189

COS  7C813   1679 7241990293   6 60124883081     FIRST DATA POINT
COS  7C813   1679 8141757347   5936118783420     LAST DATA POINT ( NO.  3011 )
45 BLANKS AT END OF STATION
```

STATION ICB2 C-7

```
COS  7C811   C71 ICY BAY   ALASKA ,NOS,NOAA
COS  7C811   C72AANDERAA,S/N 2111, R/N  331
COS  7C811   C73205-222,1979,SHIP MACARTHUR
COS  7C812   C7595912N14126[5W 152 326

COS  7C813   C779 7242253273  28 54 1602735      FIRST DATA POINT
COS  7C81
```

STATION ICB2 C-16

```
C05  70811    161 ICY BAY    ALASKA ,NOS,NOAA
C05  70811    162AANDERAA,S/N 2475, R/N  108
C05  70811    163205-226,1979,SHIP MACARTHUR
C05  70812    1660 21 N141 1932W1 59 1109
C05  70813    1679 7241990293    6 5 12 453081    FIRST DATA POINT
C05  70813    1679 8141757347    51961187342     LAST DATA POINT  ( NO.  3011 )
45 BLANKS AT END OF STATION
```

TR8179

STATION ICB2 C-7

```
C05  70811    C71 ICY BAY     ALASKA ,NOS,NOAA
C05  70811    C72AANDERAA,S/N 2111, R/N  331
C05  70811    C73205-222,1979,SHIP MACARTHUR
C05  70812    07595912N14126 5W 152 326
C05  70813    C779 7242253273   28 54 1602735     FIRST DATA POINT
C05  70813    C779 8101903 83   28 76 1602275     LAST DATA POINT  ( NO.  2428 )
```

TR8180

STATION ICB2 C-7

```
C05  70811    C71 ICY BAY     ALASKA ,NOS,NOAA
C05  70811    C72AANDERAA,S/N 2476, R/N  851
C05  70811    C73205-222,1979,SHIP MACARTHUR
C05  70812    07595912N14126 5W 296 326
C05  70813    C779 7242257 45   30109 2973429     FIRST DATA POINT
C05  70813    C779 8101907 36   27 94 2973264     LAST DATA POINT  ( NO.  2429 )
```

TR8181

TR8182

STATION ICB2 C-8

```
C05  70811    C81 ICY BAY     ALASKA ,NOS,NOAA
C05  70811    C82AANDERAA,S/N 3214, R/N  587
C05  70811    C83205-222,1979,SHIP MACARTHUR
C05  70812    C8595813N14 245CW 1 0 248
C05  70813    C879 7242350247   17 74 50  -1      FIRST DATA POINT
C05  70813    C879 810 783342   20 56  53  -1     LAST DATA POINT  ( NO.  2415 )
45 BLANKS AT END OF STATION
```

TR8182

STATION IC92 C-9

```
C05   70811    091 ICY BAY   ALASKA ,NOS,NOAA
C05   70811    092AANDERAA,S/N 1074, R/N  821
C05   70811    093205-222,1979,SHIP MACARTHUR
C05   70812    0959574 N1412428W 149 274

C05   70813    0979 725  87262  29103 1943223
C05   70813    0979 81 1737 34   1100 1722111
```

FIRST DATA POINT
LAST DATA POINT (NO. 2404) TK8183

STATION IC92 C-5

TK8184

```
C05   70811    051 ICY BAY   ALASKA ,NOS,NOAA
C05   70811    052AANDERAA,S/N 3352, R/N  472
C05   70811    053207-227,1979,SHIP MACARTHUR
C05   70812    0559565 2N14131 3W 152 659

C05   70813    0579 727 153261   7 56 1903098
C05   70813    0579 8152103186  17 95 1843114
```

FIRST DATA POINT
LAST DATA POINT (NO. 2854)

STATION I92STA 16

TK8185

```
C05   60811    161 ICY BAY   ALASKA ,NOS,NOAA
C05   60811    162AANDERAA,S/N 707, R/N  335
C05   60811    163205-226,1979,SHIP MACARTHUR
C05   60812    1660 211N1411932W  34 189

C05   60813    1679 7242000129   7 32  562339
C05   60813    1679 8141750144  20 65  792688
```

FIRST DATA POINT
LAST DATA POINT (NO. 3010)

STATION I92*STA*8*

TK8186

```
C05   60811    181 ICY BAY   ALASKA ,NOS,NOAA
C05   60811    182AANDERAA,S/N 711, R/N  61
C05   60811    183205-222,1979,SHIP MACARTHUR
C05   60812    1859591 N141243 W  43 268

C05   60813    1879 7242 3266   1 54  69
C05   60813    1879 8 1163230 118 72 797
```

FIRST DATA POINT
LAST DATA POINT (NO. 2260)

TR8197

STATION IB2*STA*8*

```
COS  60811   C81 ICY BAY   ALASKA ,NOS,NOAA
COS  60811   C82AANDERAA,S/N  719, R/N  619
COS  60811   C83205-222,1979,SHIP MACARTHUR
COS  60812   C8595815N141245CW  43  268

COS  60813   C879 9 9165C339  24 72  754  (0)   FIRST DATA POINT
COS  60813   C879 8101F17133  32 68  43.  (0)   LAST DATA POINT ( NO.  155 )
45 BLANKS AT END OF STATION
```

TR8197

STATION IB2STA 8

```
COS  60811   C81 ICY BAY   ALASKA ,NOS,NOAA
COS  60811   C82AANDERAA,S/N 2097, R/N  744
COS  60811   C83205-222,1979,SHIP MACARTHUR
COS  60812   C8595815N141245CW  236  268

COS  60813   C879 7242380187   8701-248  (-1)   FIRST DATA POINT
COS  60813   C879 8101825 13   8101-182  (-1)   LAST DATA POINT ( NO.  2415 )
```

TR8187

45 BLANKS AT END OF STATION

STATION IB2STA 9

```
COS  60811   C91 ICY BAY   ALASKA ,NOS,NOAA
COS  60811   C92AANDERAA,S/N 3145, R/N  480
COS  60811   C93205-222,1979,SHIP MACARTHUR
COS  60812   C9595746N141242EW  43  274

COS  60813   C979 725  33353  34 45  804078   FIRST DATA POINT
COS  60813   C979 8101750173   1 70  253451   LAST DATA POINT ( NO.  2408 )
```

TR8188

STATION IB2STA 9

```
COS  60811   C91 ICY BAY   ALASKA ,NOS,NOAA
COS  60811   C92AANDERAA,S/N 2796, R/N  829
COS  60811   C93205-222,1979,SHIP MACARTHUR
COS  60812   C9595746N141242EW  44  274

COS  60813   C979 725  40263  15915 2892495   FIRST DATA POINT
COS  60813   C979 8101740295   9404 2603268   LAST DATA POINT ( NO.  2407 )
45 BLANKS AT END OF STATION
```

TR8189

```
COS  60813   0979 8102174029S   9904 7613288        LAST DATA POINT  ( NO.  2407 )
45 BLANKS AT END OF STATION
```

STATION IB2STA 5

```
COS  60811   051 ICY BAY   ALASKA ,NOS,NOAA
COS  60811   052AANDERAA,S/N 3217, R/N  260
COS  60811   053207-227,1979,SHIP MACARTHUR
COS  60812   0559565 2N14131 3W  46 559
COS  60813   0579 727 133267   24 54   852816      FIRST DATA POINT
COS  60813   0579 8152217349   24 71   902844      LAST DATA POINT  ( NO.  2862 )
```

TR81 90

STATION IB2STA 5

```
COS  60811   051 ICY BAY   ALASKA ,NOS,NOAA
COS  60811   052AANDERAA,S/N 1960, R/N  859
COS  60811   053208-227,1979,SHIP MACARTHUR
COS  60812   0559565 2N14131 3W  678 559
COS  60813   0579 727 140250   6913 6613543      FIRST DATA POINT
COS  60813   0579 8152190 86   6912 6573484      LAST DATA POINT  ( NO.  2860 )
```

TR81 91

STATION IB2STA 13

```
COS  60811   131 ICY BAY   ALASKA ,NOS,NOAA
COS  60811   132AANDERAA,S/N 3212, R/N  716
COS  60811   133212-228,1979,SHIP MACARTHUR
COS  60812   135959 5N141174CW  55 915
COS  60813   1379 8 1  83119   5 42   932419      FIRST DATA POINT
COS  60813   1379 816  83 23   1 68   982651      LAST DATA POINT  ( NO.  2961 )
45 BLANKS AT END OF STATION
```

TR81 92

STATION IB2STA 13

```
COS  60811   131 ICY BAY   ALASKA ,NOS,NOAA
COS  60811   132AANDERAA,S/N 3437, R/N  772
COS  60811   133212-228,1979,SHIP MACARTHUR
COS  60812   135959 5N141174CW  62 915
COS  60813   1379 8 1  70268   5 59 2362932      FIRST DATA POINT
COS  60813   1379 816  67355   84 65 [illegible]  LAST DATA POINT  ( NO.  2963 )
```

TR81 93

STATION IB?STA 13

```
COS  60811   131 ICY BAY   ALASKA ,NOS,NOAA
COS  60811   132AANDERAA,S/N 2095, R/N  657
COS  60811   133213-228,1979,SHIP MACARTHUR
COS  60812   135959 N1411740W  884  915

COS  60813   1379 816  57179   1103  9403462      FIRST DATA POINT
COS  60813   1379 83  23146   1102  5423215       LAST DATA POINT  ( NO.  2159 )
45 BLANKS AT END OF STATION
```

STATION IB?STA 10

```
COS  60811   101 ICY BAY   ALASKA ,NOS,NOAA
COS  60811   102AANDERAA,S/N 3335, R/N  579
COS  60811   103213-229,1979,SHIP MACARTHUR
COS  60812   10595547N14122 5W  46  116

COS  60813   1079 8 11867353   8 90  502541      FIRST DATA POINT
COS  60813   1079 8162233244  10?02  542701      LAST DATA POINT  ( NO.  2183 )
45 BLANKS AT END OF STATION
```

STATION IB?STA 10

```
COS  60811   101 ICY BAY   ALASKA ,NOS,NOAA
COS  60811   102AANDERAA,S/N 3428, R/N  512
COS  60811   103213-229,1979,SHIP MACARTHUR
COS  60812   10595547N14122 5W  85  116

COS  60813   1079 8 11853266   4 89  922839      FIRST DATA POINT
COS  60813   1079 8162353 30 2C4?09  642717      LAST DATA POINT  ( NO.  2199 )
45 BLANKS AT END OF STATION
```

479 BLOCKS WRITTEN.
ALL BLOCKS ARE OF LENGTH 4500 CHARACTERS,
EXCEPT THE LAST WHICH IS 3330 CHARACTERS LONG

```
@FREE 11.

@FREE 12.

@FIN
```

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8200104	F005	TR8154	9999	31G8	317F	1979/07/08	3213	317248
8200104	F005	TR8156	9999	31G8	317F	1979/07/08	3433	317249
8200104	F005	TR8157	9999	31G8	317F	1979/07/10	704	317250
8200104	F005	TR8158	9999	31G8	317F	1979/07/10	1068	317251
8200104	F005	TR8159	9999	31G8	317F	1979/07/10	1028	317252
8200104	F005	TR8160	9999	31G8	317F	1979/07/10	3430	317253
8200104	F005	TR8161	9999	31G8	317F	1979/07/10	3323	317254
8200104	F005	TR8162	9999	31G8	317F	1979/07/10	3335	317255
8200104	F005	TR8163	9999	31G8	317F	1979/07/11	3351	317256
8200104	F005	TR8164	9999	31G8	317F	1979/07/11	3428	317257
8200104	F005	TR8165	9999	31G8	317F	1979/07/11	3220	317258
8200104	F005	TR8166	9999	31G8	317F	1979/07/11	1073	317259
8200104	F005	TR8167	9999	31G8	317F	1979/07/11	3432	317260
8200104	F005	TR8168	9999	31G8	317F	1979/07/20	3429	317261
8200104	F005	TR8169	9999	31G8	317F	1979/07/07	1070	317262
8200104	F005	TR8170	9999	31G8	317F	1979/06/30	1960	317263
8200104	F005	TR8171	9999	31G8	317F	1979/07/08	2095	317264
8200104	F005	TR8172	9999	31G8	317F	1979/07/11	3336	317265
8200104	F005	TR8173	9999	31G8	317F	1979/07/11	3434	317266
8200104	F005	TR8174	9999	31G8	317F	1979/07/20	2113	317267
8200104	F005	TR8175	9999	31G8	317F	1979/07/20	3431	317268
8200104	F005	TR8176	9999	31G8	317F	1979/07/20	3221	317269
8200104	F005	TR8177	9999	31G8	317F	1979/07/20	2117	317270
8200104	F005	TR8178	9999	31G8	317F	1979/07/24	1075	317271
8200104	F005	TR8179	9999	31G8	317F	1979/07/24	2475	317272
8200104	F005	TR8180	9999	31G8	317F	1979/07/24	2111	317273
8200104	F005	TR8181	9999	31G8	317F	1979/07/24	2476	317274
8200104	F005	TR8182	9999	31G8	317F	1979/07/24	3214	317275
8200104	F005	TR8183	9999	31G8	317F	1979/07/25	1074	317276
8200104	F005	TR8184	9999	31G8	317F	1979/07/27	3352	317277
8200104	F005	TR8185	9999	31G8	317F	1979/07/24	707	317278
8200104	F005	TR8186	9999	31G8	317F	1979/07/24	711	317279
8200104	F005	TR8187	9999	31G8	317F	1979/07/24	2097	317280
8200104	F005	TR8188	9999	31G8	317F	1979/07/25	3145	317281
8200104	F005	TR8189	9999	31G8	317F	1979/07/25	2096	317282
8200104	F005	TR8190	9999	31G8	317F	1979/07/27	3213	317283
8200104	F005	TR8191	9999	31G8	317F	1979/07/27	1960	317284
8200104	F005	TR8192	9999	31G8	317F	1979/08/01	3212	317285
8200104	F005	TR8193	9999	31G8	317F	1979/08/01	3433	317286
8200104	F005	TR8194	9999	31G8	317F	1979/08/16	2095	317287
8200104	F005	TR8195	9999	31G8	317F	1979/08/01	3335	317288
8200104	F005	TR8196	9999	31G8	317F	1979/08/01	3428	317289
8200104	F005	TR8197	9999	31G8	317F	1979/08/09	712	317290
8200104	F005	TR8155	9999	31G8	317F	1979/07/08	3352	317291

(44 rows affected)

```
Password:
 accNo   fleA refNo  ship staCnt recCnt startDate  endDate
 ------- ---- ------ ---- ------ ------ ---------- ----------
 8200104 F005 TR8154 317F 1      2286   79/07/08   79/07/08
 8200104 F005 TR8156 317F 1      1650   79/07/08   79/07/08
 8200104 F005 TR8157 317F 1      2288   79/07/10   79/07/10
 8200104 F005 TR8158 317F 1      2315   79/07/10   79/07/10
 8200104 F005 TR8159 317F 1      2309   79/07/10   79/07/10
 8200104 F005 TR8160 317F 1      2311   79/07/10   79/07/10
 8200104 F005 TR8161 317F 1      2339   79/07/10   79/07/10
 8200104 F005 TR8162 317F 1      2337   79/07/10   79/07/10
 8200104 F005 TR8163 317F 1      2164   79/07/11   79/07/11
 8200104 F005 TR8164 317F 1      2167   79/07/11   79/07/11
 8200104 F005 TR8165 317F 1      3046   79/07/11   79/08/01
 8200104 F005 TR8166 317F 1      3048   79/07/11   79/08/01
 8200104 F005 TR8167 317F 1      3035   79/07/11   79/08/01
 8200104 F005 TR8168 317F 1      2178   79/07/20   79/08/01
 8200104 F005 TR8169 317F 1      2728   79/07/07   79/07/07
 8200104 F005 TR8170 317F 1      2168   79/06/30   79/07/01
 8200104 F005 TR8171 317F 1      2280   79/07/08   79/07/08
 8200104 F005 TR8172 317F 1      3047   79/07/11   79/08/01
 8200104 F005 TR8173 317F 1      3035   79/07/11   79/08/01
 8200104 F005 TR8174 317F 1      2174   79/07/20   79/08/01
 8200104 F005 TR8175 317F 1      2165   79/07/20   79/08/01
 8200104 F005 TR8176 317F 1      2174   79/07/20   79/08/01
 8200104 F005 TR8177 317F 1      2168   79/07/20   79/08/01
 8200104 F005 TR8178 317F 1      3015   79/07/24   79/08/01
 8200104 F005 TR8179 317F 1      3015   79/07/24   79/08/01
 8200104 F005 TR8180 317F 1      2432   79/07/24   79/08/01
 8200104 F005 TR8181 317F 1      2432   79/07/24   79/08/01
 8200104 F005 TR8182 317F 1      2419   79/07/24   79/08/01
 8200104 F005 TR8183 317F 1      2408   79/07/25   79/08/01
 8200104 F005 TR8184 317F 1      2858   79/07/27   79/08/01
 8200104 F005 TR8185 317F 1      3014   79/07/24   79/08/01
 8200104 F005 TR8186 317F 1      2264   79/07/24   79/08/01
 8200104 F005 TR8187 317F 1      2418   79/07/24   79/08/01
 8200104 F005 TR8188 317F 1      2412   79/07/25   79/08/01
 8200104 F005 TR8189 317F 1      2411   79/07/25   79/08/01
 8200104 F005 TR8190 317F 1      2866   79/07/27   79/08/01
 8200104 F005 TR8191 317F 1      2864   79/07/27   79/08/01
 8200104 F005 TR8192 317F 1      2165   79/08/01   79/08/01
 8200104 F005 TR8193 317F 1      2166   79/08/01   79/08/01
 8200104 F005 TR8194 317F 1      2163   79/08/16   79/08/16
 8200104 F005 TR8195 317F 1      2187   79/08/01   79/08/01
 8200104 F005 TR8196 317F 1      2195   79/08/01   79/08/01
 8200104 F005 TR8197 317F 1      159    79/08/09   79/08/09
 8200104 F005 TR8155 317F 1      2284   79/07/08   79/07/08

(44 rows affected)
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