

DATA DOCUMENTATION FORM *TR7439 FO15*

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 EG&G, Environmental Consultants 151 Bear Hill Road Waltham, MA 02154			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED OTEC Puerto Rico Physical Oceanography Program		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT Cruise 1	
4. PLATFORM NAME(S) D-20	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Buoy	6. PLATFORM AND OPERATOR NATIONALITY(IES) US	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 2/14/79 3/7/80 9/27/79 2/8/80
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) Daniel Frye EG&G, Environmental Consultants (617) 890-3710 ext. 516			

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
Wind Velocity Components	Centimeters/second to hundredths	National Weather Service Daily Observations	N.A.	N.A.
Current Velocity Components	Centimeters/second to hundredths	Aanderaa RCM-5 Current Meters	N.A.	N.A.
Temperature	°C to hundredths	Aanderaa RCM-5 Current Meters	N.A.	N.A.
Pressure	Decibars to tenths	Aanderaa RCM-5 Current Meters	N.A.	N.A.

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**

Three (3) record types, text record (1), meter master record (2), data record (3), differentiated by byte 10.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

MULTI-FILE TAPE - see attached file description sheet. Files sorted by record type, and sequence number to obtain proper sequence.

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Lee Berg (617) 890-3710
 ADDRESS EG&G, Environmental Consultants, 151 Bear Hill Rd., Waltham, MA 02154

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 type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input checked="" type="checkbox"/> 0.6 inch</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</p> <p><input type="checkbox"/> OCTAL 17</p> <p><input checked="" type="checkbox"/> Std. IBM</p>
<p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><input checked="" 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>OTEC Puerto Rico Physical Oceanography Program</p> <p>Originator: Daniel Frye EG&G, Environmental Consultants Waltham, MA 02154</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>4800</p>
	<p>13. LENGTH OF BYTES IN BITS</p> <p>8</p>

RECORD FORMAT DESCRIPTION

D NAME TEXT RECORD (OPTIONAL)

FIELD NAME	15. POSITION FROM -1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '015'
File Identification	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	
Meter Number	11	5	Bytes	A5	
Text	16	38	Bytes	38A1	
Blank	54	1	Bytes	1X	
Sequence Number	55	6	Bytes	I6	
METER MASTER RECORD (REQUIRED)					
File Type	1	3	Bytes	A3	Always '015'
File Identification	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '2'
Meter Number	11	5	Bytes	A5	
Latitude, Degrees	16	2	Bytes	I2	
Minutes	18	2	Bytes	I2	
Hundredths of minutes	20	2	Bytes	I2	
Hemisphere	22	1	Bytes	A1	
Longitude, Degrees	23	3	Bytes	I3	
Minutes	26	2	Bytes	I2	
Hundredths of minutes	28	2	Bytes	I2	
Hemisphere	30	1	Bytes	A1	
Depth to bottom	31	5	Bytes	I5	
Depth of current meter	36	5	Bytes	I5	
Meter Usage Sequence Number	41	3	Bytes	I3	Number of times meter has been used
Institution Code	44	2	Bytes	A2	NODC Institution Code
Axis Rotation	46	3	Bytes	I3	In whole degrees clockwise from true north of V axis
Location Name	49	6	Bytes	A6	OCSEP internal location code
Number of detail records	55	6	Bytes	I6	Number of type '3' records

RECORD FORMAT DESCRIPTION

WORD NAME DETAIL RECORD

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '015'
File Identification	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '4'
Meter Number	11	5	Bytes	A5	Analogous to NODC Station Number
Year	16	2	Bytes	I2	Last two digits of years
Month	18	2	Bytes	I2	1 - 12
Day	20	2	Bytes	I2	1 - 31
Time					
Hour	22	2	Bytes	I2	0 - 23
Minute	24	2	Bytes	I2	0 - 59
Hundredth of minute	26	2	Bytes	I2	0 - 99
East-West (u) Component	28	6	Bytes	I6	To hundredths. Positive (East and North) understood. cm/sec
North-South (V) Current Component	34	6	Bytes	I6	Negative (West and South) with negative sign. cm/sec
Temperature	40	5	Bytes	I5	To thousandths. Minus sign when negative in °C
Pressure	45	5	Bytes	I5	To tenths in Decibars
Salinity	50	5	Bytes	I5	Parts/thousand to thousandths
Sequence Number	55	6	Bytes	I6	Ascending numeric, used for sorting

FILE DESCRIPTION

File	Station	Start Date	Stop Date	Cruise No.-DSN	Wind. or Current Components	Temperature	Pressure	Salinity
1	Roosevelt Roads	9/26/79	2/10/80	1-405750	X			
2	D-20	9/27/79	12/23/79	1-405703	X	X	X	
3	D-20	9/27/79	2/8/80	1-405705	X	X	X	
4	D-20	9/27/79	1/31/80	1-405706	X	X	X	
5	D-20	2/14/79	4/7/80	1-405734	X	X	X	

FILE TYPE 015 - CURRENT METER (EULERIAN) - 3/30/79 VERSION

NOTES AND CORRECTIONS

THIS FORMAT IS DESIGNED TO RECORD TIME SERIES MEASUREMENTS FOR ARCHIVED OR FIXED CURRENT METER ARRAYS FOR ANY WATER DEPTH. THESE MEASUREMENTS SUPPORT STUDIES TO DETERMINE CIRCULATION AND TRANSPORT PATTERNS IN OFFSHORE AND NEARSHORE OCEAN REGIMES.

THE FORMAT CONSISTS OF FOUR DATA RECORDS FOR REPORTING CURRENT COMPONENTS, TEMPERATURE, PRESSURE AND SALINITY OR CONDUCTIVITY AS WELL AS METER POSITION AND METER DEPTH, DATES OF OPERATION, WATER DEPTH, METER NUMBER, INSTITUTION AND OTHER SUPPLEMENTARY INFORMATION INCLUDING A RECORD FOR TEXT.

DATA CAN BE REPORTED OVER ANY ACTUAL OR FILTERED TIME INTERVAL AND IS EXPRESSED IN HOURS AND MINUTES. DIRECTION AND SPEED ARE EXPRESSED IN TERMS OF U AND V COMPONENTS IN CM/SEC WITH POSITIVE DIRECTIONS EAST AND NORTH AND NEGATIVE DIRECTIONS WEST AND SOUTH.

ALL RECORDS IN THIS FORMAT ARE 60 COLUMNS IN LENGTH. THIS FILE IS SORTED BY STATION NUMBER (METER NUMBER), RECORD TYPE AND SEQUENCE NUMBER TO OBTAIN THE PROPER SEQUENCE OF RECORDS.

*****FILETYPE 015 - 3/30/79 - SALINITY FIELD (SC 50) EXTENDED TO*****
***** 5 BYTES *****

PARAMETER	DESCRIPTION	SC
TEXT RECORD	ALWAYS '1'	10
METER NUMBER	FIVE-CHARACTER FIELD ASSIGNED BY THE ORIGINATOR - ALSO INCLUDED ON RECORD TYPES 2 AND 3	11
TEXT	THIRTY-EIGHT CHARACTER FIELD FOR COMMENTS OR PERTINENT INFORMATION	16
BLANK		54
SEQUENCE NUMBER	XXXXXX - USED FOR SORTING TEXT INFORMATION	55
MASTER RECORD	ALWAYS '2'	10
METER NUMBER	SEE RECORD '1'	11
LATITUDE	DDMMXX PLUS HEMISPHERE 'N' OR 'S' - MINUTES TO HUNDREDTHS	16
LONGITUDE	DDMMXX PLUS HEMISPHERE 'E' OR 'W' - MINUTES TO HUNDREDTHS	23
DEPTH OF BOTTOM	XXXXX (WHOLE METERS)	31
DEPTH OF CURRENT METER	XXXXX (METERS TO TENTHS)	36
METER USAGE SEQUENCE NUMBER	XXX - USLD FOR INDICATING NUMBER OF TIMES METER HAS BEEN USED	41
INSTITUTION	TWO-CHARACTER NODC INSTITUTION CODE - USE CODE 0218	44
AXIS ROTATION	XXX - DEGREES CLOCKWISE FROM TRUE NORTH OF V AXIS - VALUES SHOULD BE 0 WHEN FINAL PROCESSED TO PROVIDE TRUE DIRECTION INFORMATION	46
LOCATION NAME	SIX-CHARACTER NAME DETERMINED BY ORIGINATOR	49
NUMBER OF DETAIL RECORDS	XXXXXX - USED TO INDICATE NUMBER OF DETAIL RECORDS (3) TO FOLLOW THE MASTER RECORD (2)	55
DETAIL RECORD 1	ALWAYS '3'	10
METER NUMBER	SEE RECORD '1'	11
DATE (GMT)	YYMMDD	16
TIME (GMT)	XXXXXX (HOURS, MINUTES TO HUNDREDTHS)	22
EAST-WEST CURRENT COMPONENT (U)	XXXXXX - CM/SEC TO HUNDREDTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN	28

NORTH-SOUTH CURRENT COMPONENT (V)	XXXXXX - CM/SEC TO HUNDREDTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN	34
TEMPERATURE	XXXXX WITH NEGATIVE TEMPERATURES PRECEDED BY MINUS SIGN (DEG C TO THOUSANDTHS)	40
PRESSURE	XXXXX (DECIBARS TO TENTHS)	45
CONDUCTIVITY	XXXX - MMHOS/CM TO HUNDREDTHS	50
BLANK SEQUENCE NUMBER	XXXXXX - USED FOR SORTING DATA RECORDS ORIGINATOR	55
DETAIL RECORD 2	ALWAYS '4'	10
METER NUMBER	SEE RECORD '1'	11
DATE (GMT)	YYMMDD	15
TIME (GMT)	XXXXXX (HOURS, MINUTES TO HUNDREDTHS)	22
EAST-WEST CURRENT COMPONENT (U)	XXXXXX - CM/SEC TO HUNDREDTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN	28
NORTH-SOUTH CURRENT COMPONENT (V)	XXXXXX - CM/SEC TO HUNDREDTHS WITH POSITIVE DIRECTIONS (EAST AND NORTH) INDICATED WITHOUT PLUS SIGN - NEGATIVE DIRECTIONS (WEST AND SOUTH) PRECEDED BY MINUS SIGN	34
TEMPERATURE	XXXXX WITH NEGATIVE TEMPERATURES PRECEDED BY MINUS SIGN (DEG C TO THOUSANDTHS)	40
PRESSURE	XXXXX (DECIBARS TO TENTHS)	45
SALINITY	XXXXX PARTS PER THOUSAND TO THOUSANDTHS	50
SEQUENCE NUMBER	XXXXXX - USED FOR SORTING DATA RECORDS	55

0119. Tape No. ED152

[NA]

N.O.D.C. -- NAPIS RECORD

ACCESSION NO [8100607]

DATE RECEIVED: YR [80] MO [10] DAY [29]

PUB-NO []

T-CD []

N.O.D.C. -- TRACK RECORD

ACCESSION NO [] REFERENCE NO [TR 7439] DVP. (Y/N) [N]

COUNTRY CODE [31] COUNTRY [USA]

INST. CODE [C2]

FILE-ALIAS [015] FILE-NAME [CURRENT METEOR EULERIAN - VELOCITY COMPONENTS]

PROJECT CODE [0095] PROJ-NAME [OTEC]

MEDIUM: CODE [09] TYPE [MAG TAPE DIGITAL]

PLATFORM: TYPE CODE [03] TYPE [BUOY]

PLAT CODE [317F] NAME [~~D-20~~]

CRUISE NO [1] CRUISE-START [790214] CRUISE-END [800407]

ACCOUNT [] STATIONS-IN [] STATIONS-OUT []

STATUS REJ [] SU [] SP [810824] QUADI []

DATES: PROCESS [] DIP [] MFUPDT [] RETCOR []

DATA TRACK: RU [] FILE-ID [] LEASE []



EG&G ENVIRONMENTAL CONSULTANTS

EG&G ENVIRONMENTAL CONSULTANTS, 151 BEAR HILL ROAD, WALTHAM, MASSACHUSETTS 02154 • TEL. (617) 890-3710 TELEX: 92-3429

September 12, 1980

Ms. Jerry Vogt
Lawrence Berkeley Laboratory
University of California
Building 77-G
One Cyclotron Road
Berkeley, California 94720

Dear Ms. Vogt:

Please find enclosed ten copies of the report titled "Data Report OTEC Puerto Rico First Oceanographic Survey." In addition to the report, magnetic tapes of program data with explanatory listings and NODC data documentation forms as well as original XBT traces from Cruise 1 are enclosed and labeled Attachment 1. Computer listings of the required current and wind data are included as Attachment 2 to the data report. This submittal represents all of the required data products relative to CTD and XBT data collected during the first cruise off Punta Tuna (June 1980) and to current data recorded by three CMR current meters and one NUSC current meter.

If you have any questions concerning the report or any of the attachments, please give me a call.

Sincerely,

Daniel E. Frye

DEF/sbm
Enclosures

cc: P. Duncan
J. Kingsley
H. Todd



Lawrence Berkeley Laboratory

Marine Sciences Group
University of California
Berkeley, California 94720
Telephone 415/486-4000
FTS: 451-4000

27 October 1980

National Oceanographic Data Center
ATTN: E. Franklin Johnson
2001 Wisconsin Ave. NW
Washington, DC 20235

Dear Frankie,

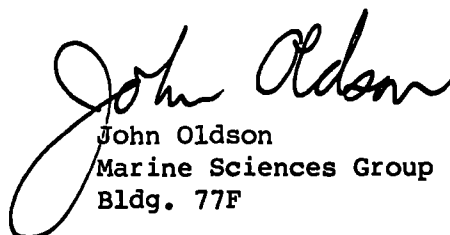
Enclosed are the following items:

- A. 1 magnetic tape, ED151, containing 1 file of CTD data in NODC format 022, 120 byte record length, 4720 records on the tape.
- B. 1 magnetic tape, ED152, containing 5 files of data in NODC format 015, 60 byte record length, 35702 record length for entire tape.
File description:
 - File 1. Wind data at Roosevelt Roads, PR
 - Files 2-4. Current meter data from array deployed by Coastal Marine Research in September 1979 at following depths.
 - File 2, 125 meters
 - File 3, 239 m.
 - File 4, 932 m.
 - File 5. Data from single meter at 99 m. depth, deployed by Naval Underwater Systems Center in February 1979. All data is bad after about 79/03/18.
- C. Documentation supplied by EG&G for submission of the tapes to NODC.
- D. Xerox of p. 2-2 of EG&G draft report giving current meter information.
- E. EG&G cover letter dated 12 September 1980.

The following points should be noted:

1. The tapes are unblocked, contrary to the impression I got from the indicated 4800 byte physical record length.
2. The zeroes in the 1st CTD station longitude were omitted. It should read 66°00.70' W.
3. All current meter depths for files 2 through 5 are given as whole meters instead of meters to tenths as listed in the format description.
4. The original XBT traces are being mailed in a separate package.

Sincerely,


John Oldson
Marine Sciences Group
Bldg. 77F

cc: Daniel E. Frye, EG&G

The current meters were programmed to record data for a minimum of 90 days. The NB-ACM's measure average current velocity during every 2-minute interval and record 10 of these averages and a single temperature value every 20 minutes. The RCM-5's, equipped with extended data storage capability, record average current speed, instantaneous current direction, temperature, and pressure at 10-minute intervals.

The mooring was deployed using an anchor-last method and was located using a Motorola Mini-Ranger with shore-based transponders installed at Punta Tuna and Punta Lima. The anchor was released at 1255 (local time) on 21 June 1980.

2.2 CURRENT DATA COLLECTED DURING PREVIOUS PROGRAMS

Current data from two outside sources are included in this report. A single RCM-5 record was recovered from a mooring deployed by the Naval Underwater Systems Center in February 1979. The recovered instrument was deployed at about 100-meter depth at 17°51'42"N latitude and 65°49'54"W longitude and was programmed to record current velocity, temperature, and pressure at 10-minute intervals. Approximately 31 days of data were collected before the instrument either malfunctioned or sank to a depth below its pressure sensor range. The speed data recorded by this instrument included numerous erroneous high speed values which limit the usefulness of these data.

Data from another mooring deployed at 17°53'49"N latitude and 65°45'14.5" W longitude are also included in Section 3. On this mooring (Figure 2-3), four Aanderaa RCM-5's were positioned at depths of 125, 180, 239, and 932 meters in about 2015 meters of water (Coastal Marine Research, 1980). Three of these instruments functioned normally for 2 to 3 months while the fourth (180-meter depth) failed to record any data. These instruments were deployed on 27 September 1979 by Coastal Marine Research and retrieved by NOAA in March 1980. The RCM-5's recorded data on current, temperature, and pressure at 20-minute intervals.

From EG&G draft report

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8/00607

9/11/84

- 1) File Type: F015
- 2) Project Ident.: OTEC
- 3) Track Nos.: TR 7439, TT 1773

I.. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

81-15

See Corrections sheet

II. Additional error corrections:

Error

Correction Completed (Check)

Processor Name: Cliff Hartley

DATA SET ROUTE SHEET

ACCESSION/TRACK # 8/00607/TT1773 ^{TR7439}

Step	Completion Date/Init.	Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE #						
QUADI/SCAN TAPE #		W11095*				
DDF EVALUATION Tape to disk	09/12/84	CMT				15874
QUALITY REVIEW						
PRELIMINARY DATA SORT						
PRELIMINARY MULCHEK	09/14/84	CMT				15874
FIRST USER TAPE #						
WORK DISK FILE	09/12/84	CMT				15874
FINAL USER TAPE #						
FINAL MULCHEK	09/18/84	CMT				15874
WORK DISK FILE						
DATA SET "FINALIZED"	09/19/84	CMT				15874

* NL, 1600 bpi, ascii

DNODC *MPD75. TR7439/F015
TR7440

TR7439 - 6259
TT1773 - 9615
15874

Corrections TR 7439, TT1773

① File IDs corrected to tracks

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

ACCESSION/TRACK NO.:

8100607/TR7439

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS	# RECORDS
ORIGINATOR	ED152	NL	60	60	EBCDIC		?
DUPLICATE	W11095	NL	60	60	ASCII		
REFORMATTED							
FIRST USER							
FINAL USER							
DISK FILE	DSN					REMARKS	# RECORDS
WORK DISK FILE							
Final EDITED DISK FILE							15,874

→ DNDCC*MPD75. TR7439/F015

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8100607	F015	TR7439	0095	31C2	317F	1979/09/27	1	315010

(1 row affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
8100607	F015	TR7439	317F	4	6259	79/09/27	79/12/01

(1 row affected)