

PROCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
8800121	313396	C100	0033	31A2	31EB		04/08/38	04/12/38	14	172
8800121	313397	C100	0033	31A2	31EB		06/07/38	06/16/38	33	419
8800121	313398	C100	0033	31A2	31EB		08/16/38	08/26/38	34	437
8800121	313399	C100	0033	31A2	31EB		10/26/38	11/05/38	29	368
8800121	313400	C100	0033	31A2	31EB		02/15/38	02/25/38	30	378

ION NO.

8800121

FILETYPE

~~CR/STO~~

T.

0.313395-9

PROJECT
IDENTIFICATION

8800121

C100

CALCOFI
NMFS

	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	RECL	BLK SIZE	NO. RECORDS
TAPE	05/13/88	C100	A00724	35	72	1440	17500
DATE TAPE	05/23/88	C100	W04341 *	35	72	1440	
MATTED TAPE	10-20-88	R.P.S.	W03072 **	1	112	11200	1774
MATTED DISK							
MULCHEK							
MULCHEK							
OR F022							
SET FINALIZED							

S REPORTED TO PRINCIPAL INVESTIGATOR: DNODC * 8800121-01

Tape is 9 TRK, SL, 1600 bpi

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

** = DNODC * NMFSOUT.

ITS (TRACKS DELETED, FIELDS DELETED, ETC.)

Tape NELROS will be mounted at 1500 BPI on tape drive msa0

Waiting for tape NELROS to be mounted on drive msa0

OK

15:17:32.55, request 194 was completed by operator _OPAO:

_OPAO:

NELROS is now available on drive msa0. When done using
the tape, type: DEALLOCATE TAPEUNIT

\$ ASSIGN NELROS TAPE

\$ ALLOCATE TAPEUNIT TAPE

%DCL-I-ALLOC, _MSA0: allocated

%DCL-I-SUPERSEDE, previous value of TAPE has been superseded

\$ MOUNT/FOREIGN/DENS=1600/BLOCKSIZE=1440 TAPEUNIT: TAPE

%MOUNT-I-MOUNTED, TAPE mounted on _MSA0:

\$ COPY/NOCONCATENATE/LOG *.DAT TAPEUNIT:

%COPY-S-COPIED, USERDISK:[NM9]DS7903.DAT;1 copied to MSA0: (236 records)

%COPY-S-COPIED, USERDISK:[NM9]EW3802.DAT;1 copied to MSA0: (19 records)

%COPY-S-COPIED, USERDISK:[NM9]EW3804.DAT;1 copied to MSA0: (9 records)

%COPY-S-COPIED, USERDISK:[NM9]EW3806.DAT;1 copied to MSA0: (21 records)

%COPY-S-COPIED, USERDISK:[NM9]EW3808.DAT;1 copied to MSA0: (22 records)

%COPY-S-COPIED, USERDISK:[NM9]EW3810.DAT;1 copied to MSA0: (19 records)

%COPY-S-COPIED, USERDISK:[NM9]JD7801.DAT;1 copied to MSA0: (790 records)

%COPY-S-COPIED, USERDISK:[NM9]JD7803.DAT;1 copied to MSA0: (845 records)

%COPY-S-COPIED, USERDISK:[NM9]JD7804.DAT;1 copied to MSA0: (439 records)

%COPY-S-COPIED, USERDISK:[NM9]JD7807.DAT;1 copied to MSA0: (1218 records)

%COPY-S-COPIED, USERDISK:[NM9]JD7808.DAT;1 copied to MSA0: (1017 records)

%COPY-S-COPIED, USERDISK:[NM9]JD7904.DAT;1 copied to MSA0: (167 records)

%COPY-S-COPIED, USERDISK:[NM9]JD7909.DAT;1 copied to MSA0: (161 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8012.DAT;1 copied to MSA0: (436 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8101.DAT;1 copied to MSA0: (423 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8102.DAT;1 copied to MSA0: (196 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8104.DAT;1 copied to MSA0: (471 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8105.DAT;1 copied to MSA0: (608 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8107.DAT;1 copied to MSA0: (833 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8212.DAT;1 copied to MSA0: (277 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8302.DAT;1 copied to MSA0: (886 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8305.DAT;1 copied to MSA0: (298 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8309.DAT;1 copied to MSA0: (265 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8311.DAT;1 copied to MSA0: (249 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8401.DAT;1 copied to MSA0: (515 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8403.DAT;1 copied to MSA0: (545 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8404.DAT;1 copied to MSA0: (280 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8407.DAT;1 copied to MSA0: (584 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8410.DAT;1 copied to MSA0: (486 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8503.DAT;1 copied to MSA0: (64 records)

%COPY-S-COPIED, USERDISK:[NM9]NH8102.DAT;1 copied to MSA0: (541 records)

%COPY-S-COPIED, USERDISK:[NM9]NH8104.DAT;1 copied to MSA0: (674 records)

%COPY-S-COPIED, USERDISK:[NM9]NH8105.DAT;1 copied to MSA0: (1094 records)

%COPY-S-COPIED, USERDISK:[NM9]NH8108.DAT;1 copied to MSA0: (607 records)

%COPY-S-COPIED, USERDISK:[NM9]TC8301.DAT;1 copied to MSA0: (580 records)

%COPY-S-NEWFILES, 35 files created

\$ DISMOUNT TAPEUNIT

\$ DEALLOCATE TAPEUNIT

\$ COST

CPU \$ 4.03 IO \$ 6.11 TOTAL \$ 10.14

Regular (recharge) batch rates (SYSSBATCH)

\$

Job terminated at 29-APR-1988 15:26:43.72

Accounting information:

Buffered I/O count: 294

Direct I/O count: 16702

Page faults: 1055

Elapsed CPU time: 0.00-01.01 00

Peak working set size: 382

Peak page file size: 1425

Mounted volumes: 1

Elapsed time: 0.00-01.01 00

~~DS = DISCOVERER~~

DS = DISCOVERER

DJ = DAVID STARR JORDAN

EW = ELLEN SCRIPPS

NH = NEW HORIZON

TC = TOWNSEND CANNELL

5/2/88 Page 1
 RECORD FORMAT FOR STD/CTD OCEANOGRAPHIC DATA FILES
 ON MAGNETIC TAPE AT NMFS SOUTHWEST FISHERIES CENTER

Tape Characteristics: 9 Track, 1600bpi, Blocksize=1440 bytes,
 Logical record size=72 bytes.

Data and Format: Each file contains data from one CalCOFI cruise. If more than one ship participated, the data from each ship is in a separate file. Each station occupied on a cruise is represented by a header, with location, date and time identification fields, and a variable number of data fields. All fields are right justified. Data processed at SIO are digitized at one meter intervals. Data processed at SWFC are digitized at two meter intervals.

Header Record Format:

Field Width	Field Position	Field Description	Example
6	1-6	Cruise & Ship Identification	7801JD
6	7-12	Order Occupied	014
1	13	Blank	
8	14-21	Eight digit CalCOFI Station Code	09000370
7	22-28	Latitude (Deg, Min and tenths)	33110N
8	29-36	Longitude (Deg, Min and tenths)	118225W
7	37-43	Year-month-day Code	780117
5	44-48	Time	0515
5	49-53	Number of Data Records for Station	548
2	54-55	Up/Down Code (Up=1, Down=2)	1
2	56-57	SIO or SWFC Reference	-
9	63-71	Blank	
1	72	Record Type Code (Header=1)	1

Data Record Format:

7	1-7	Depth (Meters to 10ths)	514.8
7	8-14	Pressure (Decibars to 10ths)	518.0
8	15-22	Temperature (Degrees C to 1000ths)	5.835
8	23-30	Salinity (Ppt to 1000ths)	34.270
8	31-38	Oxygen (ml/L to 1000ths)	1.014
8	39-46	Sigma-t or Sigma-theta(g/L)	27.019
8	47-54	Potential Temperature (Degrees C to 1000th)	5.789
8	55-62	Geopotential Anomaly, referred to the Sea Surface (dyn. meters)	1.0351
8	63-70	Sigma-z (g/L)	29.426
1	71	Blank	
1	72	Record Type Code (Data=3)	3

L. E. Eber
 05/02/88

TRANSMITTAL AND RECEIPT RECORD

(Please sign and return carbon copy acknowledging receipt)

National Oceanographic Data Center		REFER TO
TO: Universal BLDG South RM 416 1825 Connecticut Ave N.W. Washington, D.C. 20235		ATTENTION E/OC 13 Anthony Picciolo
THE ITEM(S) LISTED BELOW WERE FORWARDED TO YOU BY		
☒ ORDINARY MAIL	☐ REGISTERED MAIL	☐ AIR MAIL
☐ CERTIFIED MAIL	☐ GOVERNMENT TRUCK	☐ BY HAND
☐ OTHER		

One (1) magnetic tape.

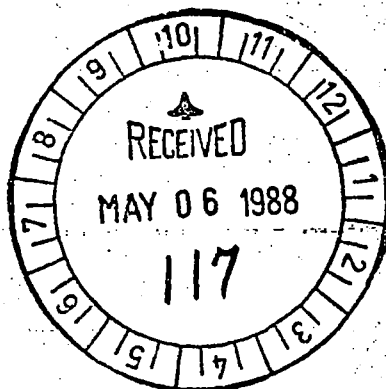
Containing: Thirty five (35) CalCOFI Cruises.
CTD/STD Data

Tape Characteristics: 9 track; 1600bpi,
BLKSIZE=1440 bytes
Logical Record= 72 bytes
35 files. ASCII

Plus: Ancillary information

Please, provide the assigned NODC reference number and an
acknowledgement to NOAA/NMFS, P.O. Box 271, La Jolla, CA 92038.
ATTN: K: Bliss; R. Lynn; L: Eber

Thank You



88000121
A00724

FORWARDED BY (Signature) F. Hutchell	TITLE Liason Officer	DATE FORWARDED 5/4/88
RECEIVED BY (Signature) ↓	TITLE	DATE RECEIVED 5/6/88

Please scan tape

Bin 09

INPUT MEDIUM TAPE (circled) CARD DISK SKETTE OTHER(SPECIFY)	OUTPUT MEDIUM PRINT (circled) TAPE PLOT DISKETTE OTHER(SPECIFY)
--	---

DISKETTE INFORMATION

TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
A00724		9	1600						
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

ADDITIONAL INSTRUCTIONS

Please return tape
A00724 to Bin 09

ESTIMATED
EXECUTION
TIME

USE ONLY					DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
DATE JOB COMPLETED	START TIME	END TIME	PRIORITY		
05/13/88	12:50	13:10	C		COMPLETED BY JS

RTS

Copy to a 'W' tape
Please scan 'W' tape

09

INPUT MEDIUM		OUTPUT MEDIUM	
PAPER	CARD	DISK	TAPE
DISKETTE	OTHER(SPECIFY)	DISKETTE	OTHER(SPECIFY)

TAPE/DISKETTE INFORMATION										
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
INPUT	A00724		9	1600	ODD	NL	FB	72	1440	35
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
OUTPUT	W04391		9	1600	ODD	SL	FB	72	1440	35
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

SPECIAL INSTRUCTIONS								ESTIMATED EXECUTION TIME	
Please send 'W' tape to Asheville, N.C.									

D731 USE ONLY					
JOB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
48052306	4/5/23/88	11:30	12:30	C	COMPLETED BY J.S.

COMMENTS

PROJECT NO. 8800121 FILETYPE CTD/STD TRACK NO. PROJECT IDENTIFICATION
8800121 CTD/STD

	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LMF5 RECL	CALCOFI BLK SIZE	NO. RECORDS
TAPE	05/13/88	CMT	A00724	35	72	1440	2500
CATE TAPE	05/23/88	CMT	W04341 *	35	72	1440	
MATTED TAPE	10-13-88	R.P.S.	W05839 W05839 **	1	120	12000	69,960
MATTED DISK							
MULCHEK							
MULCHEK							
OR F022							
SET FINALIZED							

AS REPORTED TO PRINCIPAL INVESTIGATOR: DNODC*8800121-01
Tape is 9 TRK, 54, 1600 bpi

** DSN = DNODC*NMFSOUT.

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

REMARKS (TRACKS DELETED, FIELDS DELETED, ETC.)

5/2/88 Page 1
 RECORD FORMAT FOR STD/CTD OCEANOGRAPHIC DATA FILES
 ON MAGNETIC TAPE AT NMFS SOUTHWEST FISHERIES CENTER

Tape Characteristics: 9 Track, 1600bpi, Blocksize=1440 bytes,
 Logical record size=72 bytes.

Data and Format: Each file contains data from one CalCOFI cruise. If more than one ship participated, the data from each ship is in a separate file. Each station occupied on a cruise is represented by a header, with location, date and time identification fields, and a variable number of data fields. All fields are right justified. Data processed at SIO are digitized at one meter intervals. Data processed at SWFC are digitized at two meter intervals.

Header Record Format:

Field Width	Field Position	Field Description	Example
6	1-6	Cruise & Ship Identification	7801JD
6	7-12	Order Occupied	014
1	13	Blank	
8	14-21	Eight digit CalCOFI Station Code	09000370
7	22-28	Latitude (Deg, Min and tenths)	33110N
8	29-36	Longitude (Deg, Min and tenths)	118225W
7	37-43	Year-month-day Code	780117
5	44-48	Time	0515
5	49-53	Number of Data Records for Station	548
2	54-55	Up/Down Code (Up=1, Down=2)	1
2	56-57	SIO or SWFC Reference	-
9	63-71	Blank	
1	72	Record Type Code (Header=1)	1

Data Record Format:

7	1-7	Depth (Meters to 10ths)	514.8
7	8-14	Pressure (Decibars to 10ths)	518.0
8	15-22	Temperature (Degrees C to 1000ths)	5.835
8	23-30	Salinity (Ppt to 1000ths)	34.270
8	31-38	Oxygen (ml/L to 1000ths)	1.014
8	39-46	Sigma-t or Sigma-theta(g/L)	27.019
8	47-54	Potential Temperature (Degrees C to 1000th)	5.789
8	55-62	Geopotential Anomaly, referred to the Sea Surface (dyn. meters)	1.0351
8	63-70	Sigma-z (g/L)	29.426
1	71	Blank	
1	72	Record Type Code (Data=3)	3

L. E. Eber
 05/02/88

TRANSMITTAL AND RECEIPT RECORD

(Please sign and return carbon copy acknowledging receipt)

National Oceanographic Data Center
TO:
Universal BLDG South RM 416
1825 Connecticut Ave N.W.
Washington, D.C. 20235

REFER TO

ATTENTION

E/OC 13

Anthony Picciolo

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

ORDINARY
MAILREGISTERED
MAILAIR
MAILCERTIFIED
MAILGOVERNMENT
TRUCK

BY HAND



OTHER

One (1) magnetic tape.

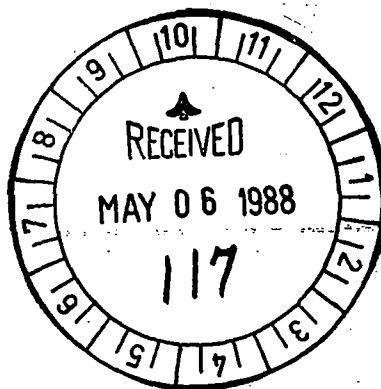
Containing: Thirty five (35) CalCOFI Cruises.
CTD/STD Data

Tape Characteristics: 9 track; 1600bpi,
BLKSZE=1440 bytes
Logical Record= 72 bytes
35 files. ASCII

Plus: Ancillary information

Please, provide the assigned NODC reference number and an
acknowledgement to NOAA/NMFS, P.O. Box 271, La Jolla, CA 92038.
ATTN: K^{en} Bliss; R. Lynn; L^{arry} Eber

Thank You

893
70828-893-7
71678800121
A00724

FORWARDED BY (Signature)

F. RITCHIE

TITLE

Liason Officer

DATE FORWARDED

5/4/88

RECEIVED BY (Signature)

TITLE

DATE RECEIVED

5/6/88

Tape NELROS will be mounted at 1600 BPI on tape drive msa0

Waiting for tape NELROS to be mounted on drive msa0

OK

15:17:32.55, request 194 was completed by operator _OPA0:

_OPA0:

Tape NELROS is now available on drive msa0. When done using the tape, type: DEALLOCATE TAPEUNIT

\$ ASSIGN NELROS TAPE

\$ ALLOCATE TAPEUNIT TAPE

%DCL-I-ALLOC, _MSA0: allocated

%DCL-I-SUPERSEDE, previous value of TAPE has been superseded

\$ MOUNT/FOREIGN/DENS=1600/BLOCKSIZE=1440 TAPEUNIT: TAPE

%MOUNT-I-MOUNTED, TAPE mounted on _MSA0:

\$ COPY/NOCONCATENATE/LOG *.DAT TAPEUNIT:

%COPY-S-COPIED, USERDISK:[NM9]DS7903.DAT;1 copied to MSA0: (236 records)

%COPY-S-COPIED, USERDISK:[NM9]EW3802.DAT;1 copied to MSA0: (19 records)

%COPY-S-COPIED, USERDISK:[NM9]EW3804.DAT;1 copied to MSA0: (9 records)

%COPY-S-COPIED, USERDISK:[NM9]EW3806.DAT;1 copied to MSA0: (21 records)

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%COPY-S-COPIED, USERDISK:[NM9]EW3810.DAT;1 copied to MSA0: (19 records)

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%COPY-S-COPIED, USERDISK:[NM9]JD7803.DAT;1 copied to MSA0: (845 records)

%COPY-S-COPIED, USERDISK:[NM9]JD7804.DAT;1 copied to MSA0: (439 records)

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%COPY-S-COPIED, USERDISK:[NM9]JD7808.DAT;1 copied to MSA0: (1017 records)

%COPY-S-COPIED, USERDISK:[NM9]JD7904.DAT;1 copied to MSA0: (167 records)

%COPY-S-COPIED, USERDISK:[NM9]JD7909.DAT;1 copied to MSA0: (161 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8012.DAT;1 copied to MSA0: (436 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8101.DAT;1 copied to MSA0: (423 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8102.DAT;1 copied to MSA0: (196 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8104.DAT;1 copied to MSA0: (471 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8105.DAT;1 copied to MSA0: (608 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8107.DAT;1 copied to MSA0: (833 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8212.DAT;1 copied to MSA0: (277 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8302.DAT;1 copied to MSA0: (886 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8305.DAT;1 copied to MSA0: (298 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8309.DAT;1 copied to MSA0: (265 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8311.DAT;1 copied to MSA0: (249 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8401.DAT;1 copied to MSA0: (515 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8403.DAT;1 copied to MSA0: (545 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8404.DAT;1 copied to MSA0: (280 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8407.DAT;1 copied to MSA0: (584 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8410.DAT;1 copied to MSA0: (486 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8503.DAT;1 copied to MSA0: (64 records)

%COPY-S-COPIED, USERDISK:[NM9]NH8102.DAT;1 copied to MSA0: (541 records)

%COPY-S-COPIED, USERDISK:[NM9]NH8104.DAT;1 copied to MSA0: (674 records)

%COPY-S-COPIED, USERDISK:[NM9]NH8105.DAT;1 copied to MSA0: (1094 records)

%COPY-S-COPIED, USERDISK:[NM9]NH8108.DAT;1 copied to MSA0: (607 records)

%COPY-S-COPIED, USERDISK:[NM9]TC8301.DAT;1 copied to MSA0: (580 records)

%COPY-S-NEWFILES, 35 files created

\$ DISMOUNT TAPEUNIT

\$ DEALLOCATE TAPEUNIT

\$ COST

CPU \$ 4.03 IO \$ 6.11 TOTAL \$ 10.14

Regular (recharge) batch rates (SYS\$BATCH)

\$ UNIT

job terminated at 29-APR-1988 15:26:43.72

Accounting information:

Buffered I/O count: 294

Peak working set size: 382

Direct I/O count: 16702

Peak page file size: 1425

Page faults: 1055

Mounted volumes: 1

Charged CPU time: 0.00000000

Elapsed time: 0.00000000

~~DS = DISCOVERED~~

DS = DISCOVERED

DJ = DAVID STARR JORDAN

EW = ELLEN SCRIPPS

NH = NEW HORIZON

TC = TOWNSEND CHANNELL

Copy to a 'W' tape
Please scan 'W' tape

09

INPUT MEDIUM PAPER CARD DISK <u>TAPE</u> DISKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK <u>PRINT</u> <u>TAPE</u> PLOT DISKETTE OTHER(SPECIFY)
--	---

TAPE/DISKETTE INFORMATION

INPUT	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	A00724		9	1600	ODD	NL	FB	72	1440	35
	SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME		PURGE DATE	
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
OUTPUT										
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME		PURGE DATE	
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	W04341		9	1600	ODD	SL	FB	72	1440	35
	SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME		PURGE DATE	
							DMD00*8800121-01			

SPECIAL INSTRUCTIONS Please send 'W' tape to Asheville, N. C.	ESTIMATED EXECUTION TIME
---	--------------------------------

D731 USE ONLY						
JOB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED	
48052306	05/23/88	11:30	12:30	C	COMPLETED BY J.S.	

COMMENTS

Please scan tape

Ben 09

INPUT MEDIUM PAPER CARD DISK <u>TAPE</u> SKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK <u>PRINT</u> TAPE PLOT DISKETTE OTHER(SPECIFY)
--	--

TAPE/DISKETTE INFORMATION

TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
A00724		9	1600						
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

ADDITIONAL INSTRUCTIONS

Please return tape
A00724 to Ben 09

ESTIMATED
EXECUTION
TIME

USE ONLY					DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
DATE JOB COMPLETED	START TIME	END TIME	PRIORITY		
05/13/88	12:50	13:10	C		COMPLETED BY J.S

ACCESSI ON NUMBER	REFERE NCE NUMBER	PRO FORM AT	INST	PLAT FORM	CRUISE ID	CRUISE START DATE	END DATE	NUM STATIONS	NUM RECORDS
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8800121	TV1353	F022	31A2	31JD		01/06/78	01/31/78	69	3,243
8800121	TV1354	F022	31A2	31JD		02/18/78	03/15/78	72	6,850
8800121	TV1355	F022	31A2	31JD		04/06/78	04/19/78	40	3,560
8800121	TV1356	F022	31A2	31JD		06/24/78	08/26/78	200	9,170
8800121	TV1357	F022	31A2	31DS		02/28/79	03/13/79	21	964
8800121	TV1358	F022	31A2	31JD		04/06/79	04/15/79	14	684
8800121	TV1359	F022	31A2	31JD		09/05/79	09/24/79	44	703
8800121	TV1360	F022	31A2	31JD		11/27/80	12/17/80	44	1,801
8800121	TV1361	F022	31A2	31JD		01/08/81	01/31/81	39	1,733
8800121	TV1362	F022	31A2	31JD		02/16/81	03/10/81	22	804
8800121	TV1363	F022	31A2	32NM		02/15/81	03/07/81	28	2,168
8800121	TV1364	F022	31A2	31JD		04/02/81	04/27/81	56	1,947
8800121	TV1365	F022	31A2	32NM		04/10/81	04/25/81	35	2,704
8800121	TV1366	F022	31A2	31JD		05/19/81	06/12/81	52	2,492
8800121	TV1367	F022	31A2	32NM		05/20/81	06/05/81	48	4,479
8800121	TV1368	F022	31A2	31JD		06/28/81	08/07/81	103	5,988
8800121	TV1369	F022	31A2	31JD		12/05/82	12/14/82	35	1,152
8800121	TV1370	F022	31A2	31TC		01/12/83	03/30/83	116	6,004
8800121	TV1371	F022	31A2	31JD		05/02/83	05/07/83	12	1,206
8800121	TV1372	F022	31A2	31JD		09/24/83	09/27/83	11	1,073
8800121	TV1373	F022	31A2	31JD		11/15/83	11/17/83	12	1,009
8800121	TV1374	F022	31A2	31JD		01/05/84	01/24/84	40	2,105
8800121	TV1375	F022	31A2	31JD		02/13/84	03/08/84	84	2,285
8800121	TV1376	F022	31A2	31JD		04/10/84	04/23/84	24	1,100
8800121	TV1377	F022	31A2	31JD		07/11/84	07/27/84	36	2,381
8800121	TV1378	F022	31A2	31JD		10/03/84	10/22/84	41	1,987
8800121	TV1379	F022	31A2	31JD		03/20/85	03/27/85	24	368

DINDS QUERY LISTING
05/25/1989

							CRUISE DATES		STA	STA
ACC-NO	REFNO	F-A	PROJ	INST	PLAT	CRUISE	START	END	IN	OUT

8800121	319810	C022	0033	31A2	31JD	TV1353	01/06/1978	01/31/1978	69	68
	319811	C022	0033	31A2	31JD	TV1354	02/18/1978	03/15/1978	72	72
	319812	C022	0033	31A2	31JD	TV1355	04/06/1978	04/19/1978	40	40
	319813	C022	0033	31A2	31JD	TV1356	06/24/1978	08/26/1978	200	200
	319814	C022	0033	31A2	31DS	TV1357	02/28/1979	03/13/1979	21	21
	319815	C022	0033	31A2	31JD	TV1358	04/06/1979	04/15/1979	14	14
	319816	C022	0033	31A2	31JD	TV1359	09/05/1979	09/24/1979	44	44
	319817	C022	0033	31A2	31JD	TV1360	11/27/1980	12/17/1980	44	43
	319818	C022	0033	31A2	31JD	TV1361	01/08/1981	01/31/1981	39	39
	319819	C022	0033	31A2	31JD	TV1362	02/16/1981	03/10/1981	22	22
	319820	C022	0033	31A2	31JD	TV1364	04/02/1981	04/27/1981	56	56
	319821	C022	0033	31A2	31JD	TV1366	05/19/1981	06/12/1981	52	52
	319822	C022	0033	31A2	31JD	TV1368	06/28/1981	08/07/1981	103	99
	319823	C022	0033	31A2	31JD	TV1369	12/05/1982	12/14/1982	35	35
	319824	C022	0033	31A2	31TC	TV1370	01/12/1983	03/30/1983	116	116
	319825	C022	0033	31A2	31JD	TV1371	05/02/1983	05/07/1983	12	12
	319826	C022	0033	31A2	31JD	TV1372	09/24/1983	09/27/1983	11	11
	319827	C022	0033	31A2	31JD	TV1373	11/15/1983	11/17/1983	12	12
	319828	C022	0033	31A2	31JD	TV1374	01/05/1984	01/24/1984	40	40
	319829	C022	0033	31A2	31JD	TV1375	02/13/1984	03/08/1984	84	83
	319830	C022	0033	31A2	31JD	TV1376	04/10/1984	04/23/1984	24	24
	319831	C022	0033	31A2	31JD	TV1377	07/11/1984	07/27/1984	36	36
	319832	C022	0033	31A2	31JD	TV1378	10/03/1984	10/22/1984	41	41
	319833	C022	0033	31A2	31JD	TV1379	03/20/1985	03/27/1985	24	24
	329589	C022	0033	31A2	32NM	TV1363	02/15/1981	03/07/1981	28	28
	329590	C022	0033	31A2	32NM	TV1365	04/10/1981	04/25/1981	35	33
	329591	C022	0033	31A2	32NM	TV1367	05/20/1981	06/05/1981	48	46

NANSEN REF. #

319810

MILDARS TRACK #

TV1353

MONITOR: CONTACT

M. LEWIS

LOCATION OF F022 SOURCE

Archives (TV1353)

RECORD ALL ERRORS FOUND

CONSEC(S)

ERRORS FOUND

0033	Day to 24 Change LAT to 32
0060	Delete time
0066	Delete Course

MS
2/2/89

NANSEN REF. #

319811

MILITARY TRACK #

TV1354

MONITOR: CONTACT

M.R. LEWIS

LOCATION OF FO22 SOURCE

Archives (TV1354)

RECORD ALL ERRORS FOUND

CONSEC(S)

ERRORS FOUND

NONE

NANSEN REF. #

319812

MILIDARS TRACK #

TV1355

MONITOR: CONTACT

M. Lewis

LOCATION OF F022 SOURCE

ARCHIVES (TV1355)

RECORD ALL ERRORS FOUND

CONSEC(S)

ERRORS FOUND

NONE

319813

721356

Al Lewis

Archives (TV135)

CONSEC(S)

CONSEC(S)		ERRORS FOUND
Orig	New	
0099	(= 103)	DAY = 23
0121	121	DAY = 04
0155	151	DAY = 11
0177	177	Change LONG to 121
331	33	Delete Time
↓		
780701-	33445N 118180W	
		M.F. 7/2/89

NANSEN REF. #

MULDARS TRACK #

319822

TV1368.

MONITOR: CONTACT

LOCATION OF F022 SOURCE

J. Frank

Archives (TV1368)

RECORD ALL ERRORS FOUND

CONSEC(S).

ERRORS FOUND.

19✓

Change Sblinity value from
32.768 to 33.760 at 200m

75✓, 76✓, 78✓, 79✓, 80✓

Delete Time

81✓ & 82✓ & 90 & 95

Delete Stations (Land)

84✓, 85✓, 86✓, 88✓, 89✓

Delete Time

91✓, 93✓, 94✓, 96✓, 97✓

"

"

99✓, 100✓, 102✓, & 103✓

"

"

MR.
2/17/89

LANDER REF. #

319828

MILITARY TRACK #

TVI 374

MONITOR: CONTACT

M. Lewis

LOCATION OF FOZZ SOURCE

TVI 374 (archiving)

RECORD ALL ERRORS FOUND

CONSEC(S)

ERRORS FOUND

~~0000~~
0007

Change day to 06

Sort Fozz Data

M. J.
2/14/89

329564

TV0484.

Frank

Archives (TV0484)

CONSEC(S)

None

NANSEN REF. #

319153

MULDARS TRACK #

TR 7916

MONITOR: CONTACT

J Frank

LOCATION OF F022 SOURCE

Archives (TR 7916)

RECORD ALL ERRORS FOUND

CONSEC(S)

ERRORS FOUND

None

NAHSEN REF. #

319473

MULDARS TRACK #

TT 3155

MONITOR: CONTACT

J Frank

LOCATION OF F022 SOURCE

Archives (TT 3155)

RECORD ALL ERRORS FOUND

CONSEC(S)

ERRORS FOUND

1 thru 37 (All stations)

Delete No. of Observations

37 change longitude to 179°57.7' E ✓

MRL
8/14/92

NAHSEN REF. #

319106

MULDARS TRACK #

TR1846

MONITOR: CONTACT

J. Frank

LOCATION OF F022 SOURCE

Archives (TR1846)

RECORD ALL ERRORS FOUND

CONSEC(S)

ERRORS FOUND

84

Change Degree of Lat. from 58° to 57°

~~6/29/92~~

WANSER REF. #

319795

MULDARS TRACK #

TV1813

MONITOR: CONTACT

J. Frank

LOCATION OF F022 SOURCE

Archives (TV1813)

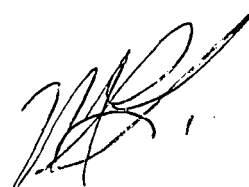
RECORD ALL ERRORS FOUND

CONSEC(S).

62

ERRORS FOUND.

Change Hour from 04.2
to 18.2.

A handwritten signature, possibly reading "MR.", is located in the bottom right corner of the page.

NANSEN REF #

319708

MULDARS TRACK #

TT 8112

MONITOR: CONTACT

M. LEWIS

LOCATION OF F022 SOURCE

ARCHIVES

RECORD ALL ERRORS FOUND

CONSEC(S)

ERRORS FOUND

0074

delete depth to bottom

ML
7/20/92

NANSEN REF #

319979

MULDARS TRACK #

TV5753

MONITOR: CONTACT

M. LEWIS

LOCATION OF F022 SOURCE

Archives

RECORD ALL ERRORS FOUND

CONSEC(S)

ERRORS FOUND

None

NANSEN REF #

769017

MULDARS TRACK #

705241

MONITOR: CONTACT

M Lewis

LOCATION OF F022 SOURCE

ARCHIVES

RECORD ALL ERRORS FOUND

CONSEC(S)

ERRORS FOUND

None

HANSEN REF. #

319380

MULDARS TRACK #

TT3021

MONITOR: CONTACT

J. Frank

LOCATION OF F022 SOURCE

Archives TT3021

RECORD ALL ERRORS FOUND

CONSEC(S).

ERRORS FOUND

None

NANSEN REF #

319635

MULDARS TRACK #

TT 6255

MONITOR: CONTACT,

M Lewis

LOCATION OF F022 SOURCE

Archives

RECORD ALL ERRORS FOUND

CONSEC(S)

ERRORS FOUND

	Change Day from 28 to 29
0025 (Changed to 0026)	Change Long from 125 to 124
0049	Change Deg. Long from 122° to 123
0050	Change Time from 030 to 080
0026 (Changed to 0024)	Time changed from 19.6 to 09.6 hrs.
0024 (Changed to 0025)	Change Local Time from 11.4 hrs to 19.4 GMT.

[Signature]

✓ Note! Former Consec. Nos. 24, 25, & 26 were changed to 25, 26, & 24, respectively.

ACCESSI ON NUMBER	REFERE NCE NUMBER	PRO FORM AT	INST	PLAT FORM	CRUISE ID	CRUISE START DATE	END DATE	NUM STATIONS	NUM RECORDS
8800121	319810	C022	31A2	31JD	TV1353	01/06/78	01/31/78	69	3,243
8800121	319811	C022	31A2	31JD	TV1354	02/18/78	03/15/78	72	6,850
8800121	319812	C022	31A2	31JD	TV1355	04/06/78	04/19/78	40	3,560
8800121	319813	C022	31A2	31JD	TV1356	06/24/78	08/26/78	200	9,170
8800121	319814	C022	31A2	31DS	TV1357	02/28/79	03/13/79	21	964
8800121	319815	C022	31A2	31JD	TV1358	04/06/79	04/15/79	14	684
8800121	319816	C022	31A2	31JD	TV1359	09/05/79	09/24/79	44	703
8800121	319817	C022	31A2	31JD	TV1360	11/27/80	12/17/80	44	1,801
8800121	319818	C022	31A2	31JD	TV1361	01/08/81	01/31/81	39	1,733
8800121	319819	C022	31A2	31JD	TV1362	02/16/81	03/10/81	22	804
8800121	319820	C022	31A2	31JD	TV1364	04/02/81	04/27/81	56	1,947
8800121	319821	C022	31A2	31JD	TV1366	05/19/81	06/12/81	52	2,492
8800121	319822	C022	31A2	31JD	TV1368	06/28/81	08/07/81	103	5,988
8800121	319823	C022	31A2	31JD	TV1369	12/05/82	12/14/82	35	1,152
8800121	319824	C022	31A2	31TC	TV1370	01/12/83	03/30/83	116	6,004
8800121	319825	C022	31A2	31JD	TV1371	05/02/83	05/07/83	12	1,206
8800121	319826	C022	31A2	31JD	TV1372	09/24/83	09/27/83	11	1,073
8800121	319827	C022	31A2	31JD	TV1373	11/15/83	11/17/83	12	1,009
8800121	319828	C022	31A2	31JD	TV1374	01/05/84	01/24/84	40	2,105
8800121	319829	C022	31A2	31JD	TV1375	02/13/84	03/08/84	84	2,285
8800121	319830	C022	31A2	31JD	TV1376	04/10/84	04/23/84	24	1,100
8800121	319831	C022	31A2	31JD	TV1377	07/11/84	07/27/84	36	2,381
8800121	319832	C022	31A2	31JD	TV1378	10/03/84	10/22/84	41	1,987
8800121	319833	C022	31A2	31JD	TV1379	03/20/85	03/27/85	24	368
8800121	329589	C022	31A2	32NM	TV1363	02/15/81	03/07/81	28	2,168
8800121	329590	C022	31A2	32NM	TV1365	04/10/81	04/25/81	35	2,704
8800121	329591	C022	31A2	32NM	TV1367	05/20/81	06/05/81	48	4,479

FOR NO.

8800121

FILETYPE CTD/STD

T.

O.

PROJECT IDENTIFICATION

8800121

CTD/STD

CALCOFI NMFS

	DATE	INIT.	TAPE OR DISK DSN	NO. FILES	LRCL	BLK SIZE	NO. RECORDS
TAPE	05/13/88	CUMH	A00724	35	72	1440	2500
DATE TAPE	05/23/88	CUMH	W04341 *	35	72	1440	
MATTED TAPE	10-13-88	R.P.S.	W05839 **	1	120	12000	69858
MATTED DISK							
MULCHEK							
MULCHEK							
OR F022							
SET FINALIZED							

AS REPORTED TO PRINCIPAL INVESTIGATOR: DNODEC * 8800121-01
Tape is 9 TRK, SL, 1600 bpi

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

NOTES (TRACKS DELETED, FIELDS DELETED, ETC.)

** DSN = DNODEC * NMFS OUT.

TRANSMITTAL AND RECEIPT RECORD

(Please sign and return carbon copy acknowledging receipt)

National Oceanographic Data Center
TO:
Universal BLDG South RM 416
1825 Connecticut Ave N.W.
Washington, D.C. 20235

REFER TO

ATTENTION

E/OC 13

Anthony Picciolo

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

ORDINARY
MAILREGISTERED
MAILAIR
MAILCERTIFIED
MAILGOVERNMENT
TRUCK

BY HAND

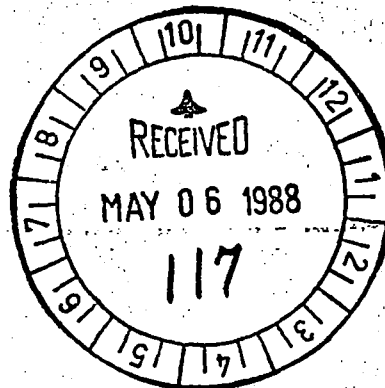


OTHER

One (1) magnetic tape.

Containing: Thirty five (35) CalCOFI Cruises.
CTD/STD DataTape Characteristics: 9 track; 1600bpi,
BLKSIZE=1440 bytes
Logical Record= 72 bytes
35 files. ASCIIPlus: Ancillary informationPlease, provide the assigned NODC reference number and an
acknowledgement to NOAA/NMFS, P.O. Box 271, La Jolla, CA 92038.
ATTN: K. Bliss; R. Lynn; L. Eber

Thank You

593
70828-893-
71678800121
A00724

FORWARDED BY (Signature)

F. Mitchell

TITLE

Liason Officer

DATE FORWARDED

5/4/88

RECEIVED BY (Signature)

TITLE

DATE RECEIVED

5/6/88

5/2/88 Page 1
 RECORD FORMAT FOR STD/CTD OCEANOGRAPHIC DATA FILES
 ON MAGNETIC TAPE AT NMFS SOUTHWEST FISHERIES CENTER

Tape Characteristics: 9 Track, 1600bpi, Blocksize=1440 bytes,
 Logical record size=72 bytes.

Data and Format: Each file contains data from one CalCOFI cruise. If more than one ship participated, the data from each ship is in a separate file. Each station occupied on a cruise is represented by a header, with location, date and time identification fields, and a variable number of data fields. All fields are right justified. Data processed at SIO are digitized at one meter intervals. Data processed at SWFC are digitized at two meter intervals.

Header Record Format:

Field Width	Field Position	Field Description	Example
6	1-6	Cruise & Ship Identification	7801JD
6	7-12	Order Occupied	014
1	13	Blank	
8	14-21	Eight digit CalCOFI Station Code	09000370
7	22-28	Latitude (Deg, Min and tenths)	33110N
8	29-36	Longitude (Deg, Min and tenths)	118225W
7	37-43	Year-month-day Code	780117
5	44-48	Time	0515
5	49-53	Number of Data Records for Station	548
2	54-55	Up/Down Code (Up=1, Down=2)	1
2	56-57	SIO or SWFC Reference	
9	63-71	Blank	
1	72	Record Type Code (Header=1)	1

Data Record Format:

7	1-7	Depth (Meters to 10ths)	514.8
7	8-14	Pressure (Decibars to 10ths)	518.0
8	15-22	Temperature (Degrees C to 1000ths)	5.835
8	23-30	Salinity (Ppt to 1000ths)	34.270
8	31-38	Oxygen (ml/L to 1000ths)	1.014
8	39-46	Sigma-t or Sigma-theta(g/L)	27.019
8	47-54	Potential Temperature (Degrees C to 1000th)	5.789
8	55-62	Geopotential Anomaly, referred to the Sea Surface (dyn. meters)	1.0351
8	63-70	Sigma-z (g/L)	29.426
1	71	Blank	
1	72	Record Type Code (Data=3)	3

L. E. Eber
 05/02/88

Tape NELROS will be mounted at 1600 BPI on tape drive msa0

Waiting for tape NELROS to be mounted on drive msa0

OK

15:17:32.55, request 194 was completed by operator _OPA0:

_OPA0:

NELROS is now available on drive msa0. When done using the tape, type: DEALLOCATE TAPEUNIT

\$ ASSIGN NELROS TAPE

\$ ALLOCATE TAPEUNIT TAPE

%DCL-I-ALLOC, _MSA0: allocated

%DCL-I-SUPERSEDE, previous value of TAPE has been superseded

\$ MOUNT/FOREIGN/DENS=1600/BLOCKSIZE=1440 TAPEUNIT: TAPE

%MOUNT-I-MOUNTED, TAPE mounted on _MSA0:

\$ COPY/NOCONCATENATE/LOG *.DAT TAPEUNIT:

%COPY-S-COPIED, USERDISK:[NM9]DS7903.DAT;1 copied to MSA0: (236 records)

%COPY-S-COPIED, USERDISK:[NM9]EW3802.DAT;1 copied to MSA0: (19 records)

%COPY-S-COPIED, USERDISK:[NM9]EW3804.DAT;1 copied to MSA0: (9 records)

%COPY-S-COPIED, USERDISK:[NM9]EW3806.DAT;1 copied to MSA0: (21 records)

%COPY-S-COPIED, USERDISK:[NM9]EW3808.DAT;1 copied to MSA0: (22 records)

%COPY-S-COPIED, USERDISK:[NM9]EW3810.DAT;1 copied to MSA0: (19 records)

%COPY-S-COPIED, USERDISK:[NM9]JD7801.DAT;1 copied to MSA0: (790 records)

%COPY-S-COPIED, USERDISK:[NM9]JD7803.DAT;1 copied to MSA0: (845 records)

%COPY-S-COPIED, USERDISK:[NM9]JD7804.DAT;1 copied to MSA0: (439 records)

%COPY-S-COPIED, USERDISK:[NM9]JD7807.DAT;1 copied to MSA0: (1218 records)

%COPY-S-COPIED, USERDISK:[NM9]JD7808.DAT;1 copied to MSA0: (1017 records)

%COPY-S-COPIED, USERDISK:[NM9]JD7904.DAT;1 copied to MSA0: (167 records)

%COPY-S-COPIED, USERDISK:[NM9]JD7909.DAT;1 copied to MSA0: (161 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8012.DAT;1 copied to MSA0: (436 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8101.DAT;1 copied to MSA0: (423 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8102.DAT;1 copied to MSA0: (196 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8104.DAT;1 copied to MSA0: (471 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8105.DAT;1 copied to MSA0: (608 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8107.DAT;1 copied to MSA0: (833 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8212.DAT;1 copied to MSA0: (277 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8302.DAT;1 copied to MSA0: (886 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8305.DAT;1 copied to MSA0: (298 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8309.DAT;1 copied to MSA0: (265 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8311.DAT;1 copied to MSA0: (249 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8401.DAT;1 copied to MSA0: (515 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8403.DAT;1 copied to MSA0: (545 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8404.DAT;1 copied to MSA0: (280 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8407.DAT;1 copied to MSA0: (584 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8410.DAT;1 copied to MSA0: (486 records)

%COPY-S-COPIED, USERDISK:[NM9]JD8503.DAT;1 copied to MSA0: (64 records)

%COPY-S-COPIED, USERDISK:[NM9]NH8102.DAT;1 copied to MSA0: (541 records)

%COPY-S-COPIED, USERDISK:[NM9]NH8104.DAT;1 copied to MSA0: (674 records)

%COPY-S-COPIED, USERDISK:[NM9]NH8105.DAT;1 copied to MSA0: (1094 records)

%COPY-S-COPIED, USERDISK:[NM9]NH8108.DAT;1 copied to MSA0: (607 records)

%COPY-S-COPIED, USERDISK:[NM9]TC8301.DAT;1 copied to MSA0: (580 records)

%COPY-S-NEWFILES, 35 files created

\$ DISMOUNT TAPEUNIT

\$ DEALLOCATE TAPEUNIT

\$ COST

CPU \$ 4.03 IO \$ 6.11 TOTAL \$ 10.14

Regular (recharge) batch rates (SYS\$BATCH)

\$ T

job terminated at 29-APR-1988 15:26:43.72

Accounting information:

Buffered I/O count: 294

Direct I/O count: 16702

Page faults: 1055

Charged CPU time: 00:01:21.00

Peak working set size: 382

Peak page file size: 1425

Mounted volumes: 1

Elapsed time: 00:01:21.00

~~DS = DISCOVERER~~

DS = DISCOVERER

DJ = DAVID STARR JORDAN

EW = ELLEN SCRIPPS

NH = NEW HORIZON

TC = TOWNSEND CRANWELL

Copy to a 'W' tape
Please scan 'W' tape

09

INPUT MEDIUM		OUTPUT MEDIUM	
PAPER	CARD	CARD	DISK
DISKETTE	OTHER(SPECIFY)	DISKETTE	OTHER(SPECIFY)

TAPE/DISKETTE INFORMATION

	TAPE #/DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
INPUT	A00724		9	1600	ODD	NL	FB	72	1440	35
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME		PURGE DATE	
	TAPE #/DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME		PURGE DATE	
OUTPUT	W04391		9	1600	ODD	SL	FB	72	1440	35
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME		PURGE DATE	
	TAPE #/DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME		PURGE DATE	

SPECIAL INSTRUCTIONS

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

ESTIMATED
EXECUTION
TIME

D731 USE ONLY

JOB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED, DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
48052306	05/23/88	11:30	12:30	C	COMPLETED BY J.S.

COMMENTS

Please scan tape

Bin 09

INPUT MEDIUM PAPER CARD DISK <u>TAPE</u> SKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK <u>PRINT</u> TAPE PLOT DISKETTE OTHER(SPECIFY)
--	--

DISKETTE INFORMATION

TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
A00724		9	1600						
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

SPECIAL INSTRUCTIONS Please return tape A00724 to Bin 09	ESTIMATED EXECUTION TIME
--	--------------------------------

USE ONLY					DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
DATE JOB COMPLETED	START TIME	END TIME	PRIORITY		
05/13/88	12:50	13:10	C		COMPLETED BY J.S.

319814

TU1357

MONITOR: CONTACT

SEKIRK

LOCATION OF F022 SOURCE

ARCHIVES

RECORD ALL ERRORS FOUND

CONSEC(S).

20

ERRORS FOUND

CHANGE DEG. LAT
FROM 33° TO 37°

MS
2/4/9

319815

TU1358

MONITOR: CONTACT

SEZKIRK

LOCATION OF FD22 SOURCE

ARCHIVES

RECORD ALL ERRORS FOUND

CONSEC(S).

NONE

ERRORS FOUND:

319816

TV 1359

MONITOR: CONTACT

SELKIRK

LOCATION OF F022 SOURCE

ARCHIVES

RECORD ALL ERRORS FOUND

CONSEC(S).

NONE

ERRORS FOUND:

319817TU1360.

MONITOR: CONTACT

SELKIRK

LOCATION OF FO22 SOURCE

ARCHIVES

RECORD ALL ERRORS FOUND

CONSEC

~~#~~

DELETE

27

29

{ CHANGE DAY TO 14
(CHANGE CONSEC NO. TO 35)

Sorted
MRL
2/29/89

WISER REF. #

319818

WILDARS TRACK #

TU1361

MONITOR: CONTACT

SELKIRK

LOCATION OF F022 SOURCE

ARCHIVES

RECORD ALL ERRORS FOUND

NONE

WILSON REF. #

319819

MULDARS TRACK #

TV1362

MONITOR: CONTACT

SEUCARK

LOCATION OF FD22 SOURCE

ARCHIVES

RECORD ALL ERRORS FOUND

NONE

329589

TV1363

MONITOR: CONTACT

SELKIRK

LOCATION OF F022 SOURCE

ARCHIVES

RECORD ALL ERRORS FOUND

CONSEC(S).

ERRORS FOUND

NONE

RECORDS TRAIL #

319820

TV1364

MONITOR: CONTACT

SELKIRK

LOCATION OF F022 SOURCE

• ARCHIVES •

RECORD ALL ERRORS FOUND

NONE

329590

WILSONS TRACK ?

TU1365.

MONITOR: CONTACT

SELKIRK

LOCATION OF F022 SOURCE

ARCHIVES.

RECORD ALL ERRORS FOUND

CONSECS 8 AND 9 ARE ON LAND. DELETE
THESE CONSECS.

MP
2/2/89

319821

WILDANS TRICK 2

TV1366

MONITOR: CONTACT

S. ELKIRK

LOCATION OF F022 SOURCE

ARCHIVES

OLD RECORD ALL ERRORS FOUND
F022
CONSEC NEW

30 / 33

44 / 47

CHANGE DAY TO 07

CHANGE DAY TO 11

MSB
2/2/89

WASH DC 11 7

WOLDARS TRACK 7

329591

TV1367

MONITOR: CONTACT

J. Frank

LOCATION OF F022 SOURCE

Archives (TV1367)

RECORD ALL ERRORS FOUND

None

Quality Indicators were applied to 2 stations

WISN 111.5

HOLDERS TRACK

319823

TV1369

MONITOR: CONTACT

LOCATION OF FD22 SOURCE

J. Frank

Archives (TV1369)

RECORD ALL ERRORS FOUND

None

HANSEN REF. #

319824

MULDARS TRACK #

TV1370

MONITOR: CONTACT

J. Frank

LOCATION OF F022 SOURCE

Archives (TV1370)

RECORD ALL ERRORS FOUND

CONSEC(S).

53.

106

ERRORS FOUND

Change Day from 19 to 18

Sort & Reconsec.

(Consec. Nos. 52 & 53 have been
interchanged)

Change Day from 27 to 28

(Consec. No. 106 has been changed to
110. Consecs. 107 thru 110 have
been decreased by 1, i.e. Consec.
107 was changed to 106)

MSJ
2/2/89

Quality Indicators were applied to six stations

MONITOR: /

319825

MONITOR: /

TV 1371

MONITOR: CONTACT

SEELKIRK

LOCATION OF F022 SOURCE

TV 1371

RECORD ALL ERRORS FOUND

CONSEC(S).

NONE

ERRORS FOUND

WANSER 9826
318926

MILDARS TRACK #
TV1372

MONITOR: CONTACT
M Lewis

LOCATION OF F022 SOURCE
Archives (TV1372)

RECORD ALL ERRORS FOUND

CONSEC(S)

ERRORS FOUND

NONE

MANSE 9827
318927

MILITARY TRACK #
TV1373

MONITOR: CONTACT
M Lewis

LOCATION OF F022 SOURCE
Archives (TV1373)

RECORD ALL ERRORS FOUND

CONSEC(S)

ERRORS FOUND

None

319829

WILDANS TRAIL #

TV1375

MONITOR: CONTACT

SELKIRK

LOCATION OF F022 SOURCE

ARCHIVES

RECORD ALL ERRORS FOUND

CONSEC
3 ON LAND ✓

36 at 80 meter

DELETE CONSEC

BAD TEMPERATURE
(0122)

MB
2/2/89

MANSION REF. #

319830

MULDARS TRACK #

TV1376

MONITOR: CONTACT

M. Lewis

LOCATION OF F022 SOURCE

Archive (TV1376)

RECORD ALL ERRORS FOUND

CONSEC(S)

ERRORS FOUND

None

NUMBER REL. #
319831

WELDERS TRACK #
TV1377

MONITOR: CONTACT
SELKIRE

LOCATION OF F022 SOURCE
ARCHIVES

RECORD ALL ERRORS FOUND

NONE

WOLVERINE #

319832

WOLVERINE TRACK #

TV1378

MONITOR: CONTACT

SELKIRK

LOCATION OF F022 SOURCE

ARCHIVES

RECORD ALL ERRORS FOUND

NONE

WALSH REF. #

319833

WALDARS TRACK #

TV1379

MONITOR: CONTACT

SEELKIRK

LOCATION OF FD22 SOURCE

ARCHIVES

RECORD ALL ERRORS FOUND

NONE

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
-----	----	-----	----	----	-----	-----	-----	-----
8800121	F022	TV1357	0033	31A2	31DS	1979/02/28	NULL	178584
8800121	C022	319814	0033	31A2	31DS	1979/02/28	TV1357	178557
8800121	C100	313396	0033	31A2	31EB	1938/04/08	NULL	178548
8800121	C100	313397	0033	31A2	31EB	1938/06/07	NULL	178549
8800121	C100	313398	0033	31A2	31EB	1938/08/16	NULL	178550
8800121	C100	313399	0033	31A2	31EB	1938/10/26	NULL	178551
8800121	C100	313400	0033	31A2	31EB	1938/02/15	NULL	178552
8800121	F022	TV1356	0033	31A2	31JD	1978/06/24	NULL	178583
8800121	F022	TV1358	0033	31A2	31JD	1979/04/06	NULL	178585
8800121	F022	TV1359	0033	31A2	31JD	1979/09/05	NULL	178586
8800121	F022	TV1360	0033	31A2	31JD	1980/11/27	NULL	178587
8800121	F022	TV1361	0033	31A2	31JD	1981/01/08	NULL	178588
8800121	F022	TV1362	0033	31A2	31JD	1981/02/16	NULL	178589
8800121	F022	TV1364	0033	31A2	31JD	1981/04/02	NULL	178591
8800121	F022	TV1366	0033	31A2	31JD	1981/05/19	NULL	178593
8800121	F022	TV1368	0033	31A2	31JD	1981/06/28	NULL	178595
8800121	F022	TV1369	0033	31A2	31JD	1982/12/05	NULL	178596
8800121	F022	TV1371	0033	31A2	31JD	1983/05/02	NULL	178598
8800121	F022	TV1372	0033	31A2	31JD	1983/09/24	NULL	178599
8800121	F022	TV1373	0033	31A2	31JD	1983/11/15	NULL	178600
8800121	F022	TV1374	0033	31A2	31JD	1984/01/05	NULL	178601
8800121	F022	TV1375	0033	31A2	31JD	1984/02/13	NULL	178602
8800121	F022	TV1376	0033	31A2	31JD	1984/04/10	NULL	178603
8800121	F022	TV1377	0033	31A2	31JD	1984/07/11	NULL	178604
8800121	F022	TV1378	0033	31A2	31JD	1984/10/03	NULL	178605
8800121	F022	TV1379	0033	31A2	31JD	1985/03/20	NULL	178606
8800121	C022	319810	0033	31A2	31JD	1978/01/06	TV1353	178553
8800121	C022	319811	0033	31A2	31JD	1978/02/18	TV1354	178554
8800121	C022	319812	0033	31A2	31JD	1978/04/06	TV1355	178555
8800121	C022	319813	0033	31A2	31JD	1978/06/24	TV1356	178556
8800121	C022	319815	0033	31A2	31JD	1979/04/06	TV1358	178558
8800121	C022	319816	0033	31A2	31JD	1979/09/05	TV1359	178559
8800121	C022	319817	0033	31A2	31JD	1980/11/27	TV1360	178560
8800121	C022	319818	0033	31A2	31JD	1981/01/08	TV1361	178561
8800121	C022	319819	0033	31A2	31JD	1981/02/16	TV1362	178562
8800121	C022	319820	0033	31A2	31JD	1981/04/02	TV1364	178563
8800121	C022	319821	0033	31A2	31JD	1981/05/19	TV1366	178564
8800121	C022	319822	0033	31A2	31JD	1981/06/28	TV1368	178565
8800121	C022	319823	0033	31A2	31JD	1982/12/05	TV1369	178566
8800121	C022	319825	0033	31A2	31JD	1983/05/02	TV1371	178568
8800121	C022	319826	0033	31A2	31JD	1983/09/24	TV1372	178569
8800121	C022	319827	0033	31A2	31JD	1983/11/15	TV1373	178570
8800121	C022	319828	0033	31A2	31JD	1984/01/05	TV1374	178571
8800121	C022	319829	0033	31A2	31JD	1984/02/13	TV1375	178572
8800121	C022	319830	0033	31A2	31JD	1984/04/10	TV1376	178573
8800121	C022	319831	0033	31A2	31JD	1984/07/11	TV1377	178574
8800121	C022	319832	0033	31A2	31JD	1984/10/03	TV1378	178575
8800121	C022	319833	0033	31A2	31JD	1985/03/20	TV1379	178576
8800121	F022	TV1353	0033	31A2	31JD	1978/01/06	NULL	178580
8800121	F022	TV1354	0033	31A2	31JD	1978/02/18	NULL	178581
8800121	F022	TV1355	0033	31A2	31JD	1978/04/06	NULL	178582
8800121	F022	TV1370	0033	31A2	31TC	1983/01/12	NULL	178597
8800121	C022	319824	0033	31A2	31TC	1983/01/12	TV1370	178567
8800121	F022	TV1363	0033	31A2	32NM	1981/02/15	NULL	178590
8800121	F022	TV1365	0033	31A2	32NM	1981/04/10	NULL	178592
8800121	F022	TV1367	0033	31A2	32NM	1981/05/20	NULL	178594

8800121	C022	329589	0033	31A2	32NM	1981/02/15	TV1363	178577
8800121	C022	329590	0033	31A2	32NM	1981/04/10	TV1365	178578
8800121	C022	329591	0033	31A2	32NM	1981/05/20	TV1367	178579

(59 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
-----	----	-----	----	-----	-----	-----	-----
8800121	F022	TV1357	31DS	21	964	79/02/28	79/03/13
8800121	C022	319814	31DS	21	38	79/02/28	79/03/13
8800121	C100	313396	31EB	14	NULL	38/04/08	38/04/12
8800121	C100	313397	31EB	33	NULL	38/06/07	38/06/16
8800121	C100	313398	31EB	34	NULL	38/08/16	38/08/26
8800121	C100	313399	31EB	29	NULL	38/10/26	38/11/05
8800121	C100	313400	31EB	30	NULL	38/02/15	38/02/25
8800121	F022	TV1356	31JD	200	9170	78/06/24	78/08/26
8800121	F022	TV1358	31JD	14	684	79/04/06	79/04/15
8800121	F022	TV1359	31JD	44	703	79/09/05	79/09/24
8800121	F022	TV1360	31JD	44	1796	80/11/27	80/12/17
8800121	F022	TV1361	31JD	39	1733	81/01/08	81/01/31
8800121	F022	TV1362	31JD	22	804	81/02/16	81/03/10
8800121	F022	TV1364	31JD	56	1947	81/04/02	81/04/27
8800121	F022	TV1366	31JD	52	2492	81/05/19	81/06/12
8800121	F022	TV1368	31JD	103	5769	81/06/28	81/08/07
8800121	F022	TV1369	31JD	35	1152	82/12/05	82/12/14
8800121	F022	TV1371	31JD	12	1206	83/05/02	83/05/07
8800121	F022	TV1372	31JD	11	1073	83/09/24	83/09/27
8800121	F022	TV1373	31JD	12	1009	83/11/15	83/11/17
8800121	F022	TV1374	31JD	40	2105	84/01/05	84/01/24
8800121	F022	TV1375	31JD	84	2233	84/02/13	84/03/08
8800121	F022	TV1376	31JD	24	1048	84/04/10	84/04/23
8800121	F022	TV1377	31JD	36	2381	84/07/11	84/07/27
8800121	F022	TV1378	31JD	41	1987	84/10/03	84/10/22
8800121	F022	TV1379	31JD	24	266	85/03/20	85/03/27
8800121	C022	319810	31JD	69	125	78/01/06	78/01/31
8800121	C022	319811	31JD	72	133	78/02/18	78/03/15
8800121	C022	319812	31JD	40	70	78/04/06	78/04/19
8800121	C022	319813	31JD	200	364	78/06/24	78/08/26
8800121	C022	319815	31JD	14	27	79/04/06	79/04/15
8800121	C022	319816	31JD	44	47	79/09/05	79/09/24
8800121	C022	319817	31JD	44	74	80/11/27	80/12/17
8800121	C022	319818	31JD	39	70	81/01/08	81/01/31
8800121	C022	319819	31JD	22	35	81/02/16	81/03/10
8800121	C022	319820	31JD	56	82	81/04/02	81/04/27
8800121	C022	319821	31JD	52	98	81/05/19	81/06/12
8800121	C022	319822	31JD	103	181	81/06/28	81/08/07
8800121	C022	319823	31JD	35	49	82/12/05	82/12/14
8800121	C022	319825	31JD	12	23	83/05/02	83/05/07
8800121	C022	319826	31JD	11	21	83/09/24	83/09/27
8800121	C022	319827	31JD	12	22	83/11/15	83/11/17
8800121	C022	319828	31JD	40	73	84/01/05	84/01/24
8800121	C022	319829	31JD	84	101	84/02/13	84/03/08
8800121	C022	319830	31JD	24	43	84/04/10	84/04/23
8800121	C022	319831	31JD	36	65	84/07/11	84/07/27
8800121	C022	319832	31JD	41	73	84/10/03	84/10/22
8800121	C022	319833	31JD	24	24	85/03/20	85/03/27
8800121	F022	TV1353	31JD	69	2974	78/01/06	78/01/31
8800121	F022	TV1354	31JD	72	3516	78/02/18	78/03/15
8800121	F022	TV1355	31JD	40	1836	78/04/06	78/04/19
8800121	F022	TV1370	31TC	116	6004	83/01/12	83/03/30
8800121	C022	319824	31TC	116	209	83/01/12	83/03/30
8800121	F022	TV1363	32NM	28	2168	81/02/15	81/03/07
8800121	F022	TV1365	32NM	35	2521	81/04/10	81/04/25
8800121	F022	TV1367	32NM	48	4354	81/05/20	81/06/05

8800121	C022	329589	32NM	28	47	81/02/15	81/03/07
8800121	C022	329590	32NM	35	56	81/04/10	81/04/25
8800121	C022	329591	32NM	48	82	81/05/20	81/06/05

(59 rows affected)