

DATA DOCUMENTATION FORM

DDF-B:2:19

TR0704  
TT 1356 - TT 1362

NOAA FORM 24-13  
(4-75)

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-R2691

FO15

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  PMEL/NOAA 3711 15th NE Seattle, Washington 98105			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED  MESA - PUGET SOUND		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT  FILE ID = MESA1D	
4. PLATFORM NAME(S)  MESA-1D	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)  BUOY	6. PLATFORM AND OPERATOR NATIONALITY(IES)  U.S. U.S.	7. DATES  FROM: MO/PAY/YR TO: MO/DAY/YR 4/15/76 6/21/76
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 (DNPI)? (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)  Mr. Pat Laird (206) 442-4580			

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
SPEED				
U-Direction	CM/SEC	Aanderaa Current Meter RCM-4	N/A	N/A
V-Direction	CM/SEC	"	"	"
TEMPERATURE	°C	"	"	"
CONDUCTIVITY	‰	"	"	"
PRESSURE	DECIBARS	"	"	"

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

USER

[Empty box for record types]

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

[Empty box for file organization description]

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER D752, EDS/NO DC  
ADDRESS WASHINGTON, DC 20235

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</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK <input type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p style="text-align: center; font-size: 2em;">4089</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 style="text-align: center; font-size: 1.5em;">4800</p> <p>13. LENGTH OF BYTES IN BITS</p> <p style="text-align: center; font-size: 1.5em;">60</p>

USER

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

76-1843

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

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

[Empty box for file organization description]

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

4. RESPONSIBLE COMPUTER SPECIALIST:  
NAME AND PHONE NUMBER Donna Bendiner (206) 543-2007  
ADDRESS Dept. of Oceanography, University of Washington, Seattle, Wa, 98105

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input checked="" type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input checked="" type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input checked="" type="checkbox"/> SEVEN</p> <p><input type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input checked="" type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input type="checkbox"/> ODD</p> <p><input checked="" type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LABEL SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>NOAA / PMEL MESA - PUGET SOUND CURRENT METER DATA</p> <p>FILE #1 ID = MESA1D 4/15/76 to 6/21/76</p> <p>7-TRACK, BCD, 800 BPI, EVEN PARITY</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input checked="" type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>3600 bytes</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>6 bits</p>

1586 - 98/5  
Jul 86 - 98/5

*[Signature]*

Date: 10/15/75

RECORD NAME TEXT RECORD (OPTIONAL)

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 Identifica- tion	4	6	"		
Record Type	10	1	"	I1	Always '1'
Meter Number	11	5	"		Analogous to NODC Station Number
Text	16	38	"	38A1	Additional pertinent information
Blank	54	1	"	1X	
Sequence Number	55	6	"	I6	Ascending numeric, used for sorting
<b>METER MASTER RECORD (REQUIRED)</b>					
File Type	1	3	Bytes	A3	Always '015'
File Identifica- tion	4	6	"		
Record Type	10	1	"	I1	Always '2'
Meter Number	11	5	"		Analogous to NODC Station Number
Latitude,					
Degrees	16	2	"	I2	
Minutes	18	2	"	I2	
Hundredths of minutes	20	2	"	I2	
Hemisphere	22	1	"	A1	'N' or 'S'
Longitude,					
Degrees	23	3	"	I3	
Minutes	26	2	"	I2	
Hundredths of minutes	28	2	"	I2	
Hemisphere	30	1	"	A1	'E' or 'W'
Depth to bottom	31	5	"	I5	Whole meters
Depth of current meter	36	5	"	I5	To tenths of a meter
Meter Usage					Number of times meter has been used.
Sequence Number	41	3	"	I3	
Institution Code	44	2	"	A2	NODC Institution Code
Axis Rotation	46	3	"	I3	In whole degrees clockwise from true north of V axis
Location Name	49	6	"	A6	OCSEP internal location code
Number of detail records	55	6	"	I6	Number of type '3' records

RECORD NAME DETAIL RECORD (REQUIRED)

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 Identifica- tion	4	6	"		
Record Type	10	1	"	I1	Always '3'
Meter Number	11	5	"		Analogous to NODC Station Nu
Year	16	2	"	I2	Last two digits of years)
Month	18	2	"	I2	1-12
Day	20	2	"	I2	1-31
Time,					
Hour	22	2	"	I2	0-23
Minute	24	2	"	I2	0-59
Hundredth of minute	26	2	"	I2	0-99
East-West (u)	28	6	"	I6	To hundredths. Positive (Ea
Current Component					and North) understood.
North-South (v)	34	6	"	I6	Negative (West and South) wi
Current Component					negative sign.
Temperature	40	5	"	I5	To thousandths. Minus sign
					negative
Pressure	45	5	"	I5	To tenths
Conductivity	50	5	"	I4	To hundredths
Blank	54	1	"	I1	
Sequence Number	55	5	"	I5	Ascending numeric, used for
		6		I6	sorting

### D. INSTRUMENT CALIBRATION

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

INSTRUMENT TYPE (MFR., MODEL NO.)	DATE OF LAST CALIBRATION	INSTRUMENT WAS CALIBRATED BY		CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRUMENT IS NOT CALIBRATED  (✓)
		YOUR ORGANIZATION  (✓)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS  (✓)	BEFORE OR AFTER USE  (✓)	BEFORE AND AFTER USE  (✓)	ONLY AFTER REPAIR  (✓)	ONLY WHEN NEW  (✓)	
Aanderaa Current Meter RCM-4		✓				✓			
" same meter	OCT 1975		NOIC	1 yr.					

015TR070431806	760527	421	118	125	878	3213128	2978
015TR070431806	760527	441	101	140	891	3213121	2979
015TR070431806	760527	5 1	86	138	881	3213121	2980
015TR070431806	760527	521	72	103	878	3213128	2981
015TR070431806	760527	541	46	89	823	3213114	2982
015TR070431806	760527	6 1	20	84	1982	3213121	2983
015TR070431806	760527	621	20	36	875	3213121	2984
015TR070431806	760527	641	-21	22	878	3213128	2985
015TR070431806	760527	7 1	-37	0	878	3213128	2986
015TR070431806	760527	721	-45	-21	888	3213121	2987

015TR070431806	7606092121		1	-135	930	3183168	3965
015TR070431806	7606092141		-2	-94	930	3183162	3966
015TR070431806	76060922 1		30	-81	926	3183155	3967
015TR070431806	7606092221		28	-66	923	3183162	3968
015TR070431806	7606092241		7	-66	926	3213168	3969
015TR070431806	76060923 1		2	-29	923	3216344	3970
015TR070431806	7606092321		11	22	930	3213168	3971
015TR070431806	7606092341		-21	58	923	3213162	3972
015TR070431806	760610 0 1		5	99	930	3213168	3973
015TR070431806	760610 021		26	133	923	3213162	3974



Filetype 15-2



76-1843  
U.S. DEPARTMENT OF COMMERCE  
National Oceanic and Atmospheric Administration  
ENVIRONMENTAL RESEARCH LABORATORIES

Date : November 12, 1976

Pacific Marine Environmental Laboratory  
3711 15th Ave. N.E.  
Seattle, WA 98105

TR 0704

To : NODC Attn: Dr. James Ridlon (D781)

From : N. P. Laird

*N. P. Laird*

Subject: Transmittal of current Meter Data

Under separate cover are being sent one (1) magnetic tape and data documentation forms for one current meter station in Puget Sound for the MESA - Puget Sound Project. The time period is from April 15, 1976 to June 21, 1976. The station is MESA-1D.

Encl: 1 magnetic tape  
3 DDF's (and documentation)

cc: Charnell  
Cannon

Memo RECEIVED 23 NOV 1976

Data RECEIVED 29 NOV 1976

*JBL*

76-1843

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sterne, tape, files, C.

10-18-5

FWA OF THE LOAD 101  
LWA+1 OF THE LOAD 56453

TRANSFER ADDRESS -- CURNODC 102

## PROGRAM AND BLOCK ASSIGNMENTS.

BLOCK	ADDRESS	LENGTH	FILE	DATE	PROCSSR	VER	LEVEL	HARDWARE	COMMENTS
CURNODC	101	6503	CURNODC	07/02/76	RUNT	F	EB 74 B	646X I	
MSTRECC	6604	362	CURNODC	07/02/76	RUNT	F	EB 74 B	646X I	
USKLODC	7166	654	CURNODC	07/02/76	RUNT	F	EB 74 B	646X I	
SYS.RM	10042	37	SL-RUN2P3	02/06/74	COMPASS	3.	74190		PROCESS SYSTEM REQUEST.
REAL	10101	171	SL-RUN2P3	07/11/74	COMPASS	3.	74190		PROCESS RUNT REAL AND LOGICAL INTRINSICS
FNDEFI	10272	57	SL-RUN2P3	02/19/75	COMPASS	3.	74190		
GETBA	10351	17	SL-RUN2P3	02/19/75	COMPASS	3.	74190		
INPUTC	10370	121	SL-RUN2P3	03/17/75	COMPASS	3.	74190		
INPUTS	10511	61	SL-RUN2P3	02/19/75	COMPASS	3.	74190		
TUCHEK	10572	75	SL-RUN2P3	02/19/75	COMPASS	3.	74190		
KRAKER	10667	1052	SL-RUN2P3	02/19/75	COMPASS	3.	74190		
OUTPIC	11741	71	SL-RUN2P3	02/19/75	COMPASS	3.	74190		
OUTPTS	12032	70	SL-RUN2P3	02/19/75	COMPASS	3.	74190		
SIO3	12122	1504	SL-RUN2P3	02/19/75	COMPASS	3.	74190		
INTEGR	13626	153	SL-RUN2P3	07/11/74	COMPASS	3.	74190		PROCESS RUNT INTEGER INTRINSICS
RBAIFX	14001	41	SL-RUN2P3	02/19/75	COMPASS	3.	74190		
ACGOER	14042	12	SL-RUN2P3	02/19/75	COMPASS	3.	74190		
SYS=TIM	14054	17	SL-RUN2P3	02/19/75	COMPASS	3.	74190		
BUFFEO	14073	104	SL-RUN2P3	02/19/75	COMPASS	3.	74190		
IFENDE	14177	66	SL-RUN2P3	02/19/75	COMPASS	3.	74190		
INPUTR	14265	256	SL-RUN2P3	02/19/75	COMPASS	3.	74190		
KODER	14543	1310	SL-RUN2P3	02/19/75	COMPASS	3.	74190		
SYSTEM	16053	1122	SL-RUN2P3	03/04/75	COMPASS	3.	74190		7
XRCI	17175	25	SL-RUN2P3	02/19/75	COMPASS	3.	74190		
RQL	17222	4	SL-RUN2P3	01/21/76	COMPASS	3.	74190		
//	17226	37225							

.693 CP SECONDS

27700B CM STORAGE USED

1 TABLE MOVE

NODC MAG TAPE FORMATTING PROGRAM FOR OCSEAP CURRENT METED DATA

FILE I.D. = MESA1D, INSTITUTION CODE = 3F, LIST OPTION = 2

0 FILES TO BE SKIPPED ON THE INPUT TAPE.

NO. DECIMAL PLACES TO BE RECORDED FOR TIME IN MIN., U-COMP., V-COMP., TEMP., PRESSURE, AND COND. = 0, 1, 1, 2, 1, 2

CP TIME SU FAP = 1.19 SECONDS

READING DATA FOR PROJECT MESA MOORING MESA-1D METER 1803, SCANS 1 TO 4818 = 4818 TOTAL DATA SCANS.

RECORD NO. 1

****015MESA1D21803 47424 N122267 W 197 150 3F 0MESA-1 4818****015MESA1D31803 76041520 0 256 157 780 1783017 1*****
****015MESA1D31803 7604152020 220 85 780 1783017 2****015MESA1D31803 7604152040 201 34 777 1783017 2*****
****015MESA1D31803 76041521 0 179 4 780 1823017 4****015MESA1D31803 7604152120 165 -2 780 1823024 5*****
****015MESA1D31803 7604152140 89 -98 777 1873017 6****015MESA1D31803 76041522 0 -62 -158 774 1913017 7*****
****015MESA1D31803 7604152220 -13 -187 770 1913017 8****015MESA1D31803 7604152240 -102 -154 770 1953017 9*****
****015MESA1D31803 76041523 0 -105 -185 777 1993010 10****015MESA1D31803 7604152320 -143 -236 790 1993010 11*****
****015MESA1D31803 7604152340 -127 -160 774 2033017 12****015MESA1D31803 760416 0 0 -86 -103 774 2083017 13*****
****015MESA1D31803 760416 020 -41 -139 777 2083017 14****015MESA1D31803 760416 040 -41 -123 777 2083017 15*****
****015MESA1D31803 760416 1 0 -27 -95 774 2083017 16****015MESA1D31803 760416 120 9 -72 774 2083017 17*****
****015MESA1D31803 760416 140 55 -13 774 2123017 18****015MESA1D31803 760416 2 0 -9 22 774 2123017 19*****
****015MESA1D31803 760416 220 -7 26 774 2123017 20****015MESA1D31803 760416 240 33 65 774 2123017 21*****
****015MESA1D31803 760416 3 0 57 116 774 2083017 22****015MESA1D31803 760416 320 30 156 774 2123017 23*****
****015MESA1D31803 760416 340 73 159 770 2123017 24****015MESA1D31803 760416 4 0 105 230 770 2083017 25*****
****015MESA1D31803 760416 420 127 208 770 2083017 26****015MESA1D31803 760416 440 157 258 774 2083017 27*****
****015MESA1D31803 760416 5 0 179 251 774 2083024 28****015MESA1D31803 760416 520 192 235 787 2083024 29*****
****015MESA1D31803 760416 540 188 299 780 2083017 30****015MESA1D31803 760416 6 0 212 234 777 2083024 31*****
****015MESA1D31803 760416 620 243 337 777 2083017 32****015MESA1D31803 760416 640 223 356 777 2083017 33*****
****015MESA1D31803 760416 7 0 264 282 777 2083017 34****015MESA1D31803 760416 720 256 246 777 2083017 35*****
****015MESA1D31803 760416 740 203 157 774 2083017 36****015MESA1D31803 760416 8 0 153 132 770 2083017 37*****
****015MESA1D31803 760416 820 142 58 774 2083017 38****015MESA1D31803 760416 840 110 19 780 2083017 39*****
****015MESA1D31803 760416 9 0 70 -70 783 2083017 40****015MESA1D31803 760416 920 68 -64 777 2083017 41*****
****015MESA1D31803 760416 940 46 -105 780 2083017 42****015MESA1D31803 76041610 0 -36 -140 777 2083017 43*****
****015MESA1D31803 7604161020 -22 -129 777 2083017 44****015MESA1D31803 7604161040 -43 -141 774 2083017 45*****
****015MESA1D31803 76041611 0 -48 -117 770 2083024 46****015MESA1D31803 7604161120 -51 -131 774 2083017 47*****
****015MESA1D31803 7604161140 -82 -135 774 2083017 48****015MESA1D31803 76041612 0 -67 -115 774 2083017 40*****
****015MESA1D31803 7604161220 -55 -128 774 2083017 50****015MESA1D31803 7604161240 -50 -104 774 2083017 51*****
****015MESA1D31803 76041613 0 -20 -84 774 2083017 52****015MESA1D31803 7604161320 -3 -56 774 2083017 53*****
****015MESA1D31803 7604161340 7 27 774 2083024 54****015MESA1D31803 76041614 0 -4 51 774 2083017 55*****
****015MESA1D31803 7604161420 -33 98 777 2083017 56****015MESA1D31803 7604161440 1 153 777 2083024 57*****
****015MESA1D31803 76041615 0 30 213 777 2083017 58****015MESA1D31803 7604161520 45 272 777 2083017 59*****

CP TIME SU FAP = 62.95 SECONDS

READING DATA FOR PROJECT MESA MOORING MESA-1D METER 1806, SCANS 1 TO 4818 = 4818 TOTAL DATA SCANS.

RECORD NO. 82

****015MESA1D21806 47424 N122267 W 197 300 3F 0MESA-1 4818****015MESA1D31806 76041520 1 152 51 771 2883026 1*****
****015MESA1D31806 7604152021 173 14 771 2913019 2****015MESA1D31806 7604152041 170 38 771 2913026 3*****
****015MESA1D31806 76041521 1 112 -68 771 2913032 4****015MESA1D31806 7604152121 2 -120 762 2953032 5*****

****015MESA1031806 7604152221 -126 -195 765 3033026 8***015MESA1031806 7604152241 -115 -220 768 3063026 0****
****015MESA1031806 76041523 1 -117 -199 768 3063026 10***015MESA1031806 7604152321 -121 -195 768 3143026 11****
****015MESA1031806 7604152341 -22 -144 765 3183026 12***015MESA1031806 760416 0 1 -23 -120 765 3213019 13****
****015MESA1031806 760416 021 10 -103 768 3213032 14***015MESA1031806 760416 041 -19 -93 768 3253019 16****
****015MESA1031806 760416 1 1 52 -85 765 3213032 16***015MESA1031806 760416 121 95 -113 765 3253026 17****
****015MESA1031806 760416 141 126 -101 765 3253032 18***015MESA1031806 760416 2 1 60 -76 765 3253019 19****
****015MESA1031806 760416 221 54 -59 765 3253019 20***015MESA1031806 760416 241 70 -4 765 3253032 21****
****015MESA1031806 760416 3 1 92 59 762 3253032 22***015MESA1031806 760416 321 78 84 762 3253032 23****
****015MESA1031806 760416 341 94 79 762 3253026 24***015MESA1031806 760416 4 1 107 113 762 3253019 25****
****015MESA1031806 760416 421 100 128 762 3253026 26***015MESA1031806 760416 441 135 223 765 3253026 27****
****015MESA1031806 760416 5 1 136 256 762 3253032 28***015MESA1031806 760416 521 136 226 768 3253026 29****
****015MESA1031806 760416 541 169 230 765 3253032 30***015MESA1031806 760416 6 1 172 244 765 3253026 31****
****015MESA1031806 760416 621 168 203 765 3253026 32***015MESA1031806 760416 641 189 225 775 3253026 33****
****015MESA1031806 760416 7 1 211 229 771 3253032 34***015MESA1031806 760416 721 145 196 771 3253026 35****
****015MESA1031806 760416 741 110 129 762 3253026 36***015MESA1031806 760416 8 1 44 72 762 3253019 37****
****015MESA1031806 760416 821 16 67 762 3253032 38***015MESA1031806 760416 841 20 33 762 3253032 39****
****015MESA1031806 760416 9 1 -3 -39 762 3253026 40***015MESA1031806 760416 921 -28 -43 762 3253032 41****
****015MESA1031806 760416 941 -22 -75 765 3253019 42***015MESA1031806 76041610 1 -53 106 765 3253026 43****
****015MESA1031806 7604161021 -41 -69 765 3253032 44***015MESA1031806 7604161041 -73 -87 765 3253026 45****
****015MESA1031806 76041611 1 -59 -83 762 3253032 46***015MESA1031806 7604161121 -69 -57 765 3253032 47****
****015MESA1031806 7604161141 -45 -77 765 3253032 48***015MESA1031806 76041612 1 -31 -55 765 3253026 49****
****015MESA1031806 7604161221 -24 -41 765 3253026 50***015MESA1031806 7604161241 1 -37 765 3293019 51****
****015MESA1031806 76041613 1 8 -14 765 3293019 52***015MESA1031806 7604161321 36 -1 765 3293032 53****
****015MESA1031806 7604161341 57 10 765 3293032 54***015MESA1031806 76041614 1 54 2 765 3293032 55****
****015MESA1031806 7604161421 33 56 768 3293019 56***015MESA1031806 7604161441 47 92 765 3293032 57****
****015MESA1031806 76041615 1 78 138 765 3293019 58***015MESA1031806 7604161521 102 194 765 3293032 59****

CP TIME SO FAR = 124.45 SECONDS

READING DATA FOR PROJECT MESA MOORING MESA-10 METER 1813 , SCANS 1 TO 4818 = 4818 TOTAL DATA SCANS.

RECORD NO. 163

****015MESA1021813 47424 N122267 W 197 500 3F 0MESA-1 4818***015MESA1031813 76041520 2 18 -19 754 4913035 1****
****015MESA1031813 7604152022 29 -24 761 4913035 2***015MESA1031813 7604152042 -5 -87 757 4913035 2****
****015MESA1031813 76041521 2 -52 -126 761 4913035 4***015MESA1031813 7604152122 -131 -141 761 4993035 5****
****015MESA1031813 7604152142 -126 -191 761 4993035 6***015MESA1031813 76041522 2 -174 -198 761 4993035 7****
****015MESA1031813 7604152222 -182 -182 761 5063035 8***015MESA1031813 7604152242 -180 -173 767 5063035 9****
****015MESA1031813 76041523 2 -172 -142 761 5103035 10***015MESA1031813 7604152322 -149 -157 764 5143035 11****
****015MESA1031813 7604152342 -40 -152 757 5143035 12***015MESA1031813 760416 0 2 -34 -135 761 5223035 13****
****015MESA1031813 760416 022 -17 -148 757 5223035 14***015MESA1031813 760416 042 -23 -128 754 5223035 15****
****015MESA1031813 760416 1 2 -32 -117 754 5263035 16***015MESA1031813 760416 122 -24 -105 754 5293035 17****
****015MESA1031813 760416 142 -81 -83 754 5293042 18***015MESA1031813 760416 2 2 -14 -91 754 5293035 19****
****015MESA1031813 760416 222 -75 -48 754 5293042 20***015MESA1031813 760416 242 -42 -34 754 5293035 21****
****015MESA1031813 760416 3 2 4 19 754 5293035 22***015MESA1031813 760416 322 69 75 757 5293035 23****
****015MESA1031813 760416 342 67 89 754 5293035 24***015MESA1031813 760416 4 2 104 87 754 5263035 25****
****015MESA1031813 760416 422 124 61 761 5263035 26***015MESA1031813 760416 442 76 130 761 5263035 27****
****015MESA1031813 760416 5 2 128 77 754 5263035 28***015MESA1031813 760416 522 78 109 761 5223035 29****
****015MESA1031813 760416 542 96 137 761 5223035 30***015MESA1031813 760416 6 2 151 136 761 5223035 31****
****015MESA1031813 760416 622 125 58 761 5223035 32***015MESA1031813 760416 642 71 52 761 5223035 33****
****015MESA1031813 760416 7 2 41 15 761 5223035 34***015MESA1031813 760416 722 -20 -8 761 5223035 35****
****015MESA1031813 760416 742 -27 -10 761 5223035 36***015MESA1031813 760416 8 2 -89 -19 761 5223035 37****
****015MESA1031813 760416 822 -75 -27 761 5223035 38***015MESA1031813 760416 842 -103 -23 761 5223035 39****
****015MESA1031813 760416 9 2 122 35 761 5223035 40***015MESA1031813 760416 922 -147 -48 761 5223035 41****
****015MESA1031813 760416 942 -128 -64 761 5223035 42***015MESA1031813 76041610 2 -159 -74 761 5223035 42****
****015MESA1031813 7604161022 210 80 761 5223035 44***015MESA1031813 7604161042 -246 -50 761 5223035 45****
****015MESA1031813 76041611 2 -258 -65 764 5263035 46***015MESA1031813 7604161122 -204 5 761 5263035 47****
****015MESA1031813 7604161142 -139 -1 767 5263035 48***015MESA1031813 76041612 2 -80 27 767 5263035 49****
****015MESA1031813 7604161222 -43 33 767 5263035 50***015MESA1031813 7604161242 -16 38 764 5293035 51****
****015MESA1031813 76041613 2 -38 53 761 5293035 52***015MESA1031813 7604161322 3 51 757 5293035 53****
****015MESA1031813 7604161342 13 23 761 5293035 54***015MESA1031813 76041614 2 103 111 761 5293035 55****
****015MESA1031813 7604161422 138 121 757 5293035 56***015MESA1031813 7604161442 172 155 754 5293035 57****
****015MESA1031813 76041615 2 203 174 757 5293035 58***015MESA1031813 7604161522 217 196 754 5293035 59****

READING DATA FOR PROJECT MESA MOORING MESA-10 METER 1516 , SCANS 1 TO 4818 = 4818 TOTAL DATA SCANS.

RECORD NO. 244

****015MESA1D21816 47424 N122267 W 197 700 3F 0MFSA-1 4818****015MESA1D31816 76041520 3 -17 -93 751 6993039 1*****
****015MESA1D31816 7604152023 -81 -92 751 6873039 2****015MESA1D31816 7604152043 -81 -137 751 6783039 3*****
****015MESA1D31816 76041521 3 -133 -149 751 6783032 4****015MESA1D31816 7604152123 -97 -164 751 6783039 5*****
****015MESA1D31816 7604152143 -135 -173 754 6833039 6****015MESA1D31816 76041522 3 -151 -239 754 6873039 7*****
****015MESA1D31816 7604152223 -173 -222 751 6913032 8****015MESA1D31816 7604152243 -192 -176 751 6953039 9*****
****015MESA1D31816 76041523 3 -141 -173 754 6993039 10****015MESA1D31816 7604152323 -84 -184 754 7033039 11*****
****015MESA1D31816 7604152343 -145 -168 754 7073059 12****015MESA1D31816 760416 0 3 -166 -243 754 7073052 13*****
****015MESA1D31816 760416 023 -176 -161 751 7113052 14****015MESA1D31816 760416 043 -189 -150 754 7113052 15*****
****015MESA1D31816 760416 1 3 -245 -135 754 7113052 16****015MESA1D31816 760416 123 -254 -166 758 7113059 17*****
****015MESA1D31816 760416 143 -272 -210 761 7113052 18****015MESA1D31816 760416 2 3 -219 -144 758 7113052 19*****
****015MESA1D31816 760416 223 -254 -147 761 7113052 20****015MESA1D31816 760416 243 -241 -76 761 7113052 21*****
****015MESA1D31816 760416 3 3 -164 -19 759 7113045 22****015MESA1D31816 760416 323 -62 -124 754 7113039 22*****
****015MESA1D31816 760416 343 -85 92 754 7113045 24****015MESA1D31816 760416 4 3 -85 116 754 7113045 25*****
****015MESA1D31816 760416 423 -78 117 759 7113052 26****015MESA1D31816 760416 443 -44 122 759 7113052 27*****
****015MESA1D31816 760416 5 3 -13 119 759 7113045 28****015MESA1D31816 760416 523 54 106 754 7113052 29*****
****015MESA1D31816 760416 543 74 85 754 7113045 30****015MESA1D31816 760416 6 3 57 89 754 7113052 31*****
****015MESA1D31816 760416 623 64 90 754 7113052 32****015MESA1D31816 760416 643 78 26 754 7113045 33*****
****015MESA1D31816 760416 7 3 -77 -4 754 7113045 34****015MESA1D31816 760416 723 -73 -24 754 7113052 35*****
****015MESA1D31816 760416 743 -69 -37 754 7113052 36****015MESA1D31816 760416 8 3 -76 -66 754 7113045 37*****
****015MESA1D31816 760416 823 -102 -93 754 7113045 38****015MESA1D31816 760416 843 -124 -99 759 7113039 39*****
****015MESA1D31816 760416 9 3 -165 -135 754 7113045 40****015MESA1D31816 760416 923 -164 -156 754 7113052 41*****
****015MESA1D31816 760416 943 -185 -129 759 7113039 42****015MESA1D31816 76041610 3 -213 -148 758 7113039 43*****
****015MESA1D31816 7604161023 -188 -99 759 7113045 44****015MESA1D31816 7604161043 -189 -127 758 7113045 45*****
****015MESA1D31816 76041611 3 -168 -120 759 7113045 46****015MESA1D31816 7604161123 -155 -100 754 7113052 47*****
****015MESA1D31816 7604161143 -145 -114 759 7113059 48****015MESA1D31816 76041612 3 -214 -136 764 7113066 49*****
****015MESA1D31816 7604161223 -182 -132 764 7113066 50****015MESA1D31816 7604161243 -173 -120 761 7153066 51*****
****015MESA1D31816 76041613 3 -138 -135 764 7153066 52****015MESA1D31816 7604161323 -121 -105 764 7153059 53*****
****015MESA1D31816 7604161343 -80 -80 761 7153059 54****015MESA1D31816 76041614 3 -80 -63 761 7153059 55*****
****015MESA1D31816 7604161423 -66 -45 761 7153059 56****015MESA1D31816 7604161443 -65 20 761 7153086 57*****
****015MESA1D31816 76041615 3 -4 76 761 7153052 58****015MESA1D31816 7604161523 42 90 758 7153059 59*****

CP TIME SO FAR = 245.86 SECONDS

READING DATA FOR PROJECT MESA MOORING MESA-10 METER 1520 , SCANS 1 TO 3565 = 3565 TOTAL DATA SCANS.

RECORD NO. 325

****015MESA1D21820 47424 N122267 W 197 1050 3F 0MFSA-1 3565****015MESA1D31820 76041520 4 -54 11 747 10483057 1*****
****015MESA1D31820 7604152024 -52 5 751 10523057 2****015MESA1D31820 7604152044 -55 -35 744 10523050 3*****
****015MESA1D31820 76041521 4 -47 -95 747 10523057 4****015MESA1D31820 7604152124 -138 -181 754 10563063 5*****
****015MESA1D31820 7604152144 -144 -183 747 10563057 6****015MESA1D31820 76041522 4 -143 -171 754 10593050 7*****
****015MESA1D31820 7604152224 -175 -241 760 10633070 8****015MESA1D31820 7604152244 -199 -273 767 10633077 9*****
****015MESA1D31820 76041523 4 -222 -221 764 10713077 10****015MESA1D31820 7604152324 -282 -201 760 10713084 11*****
****015MESA1D31820 7604152344 -267 -304 760 10753063 12****015MESA1D31820 760416 0 4 -327 -286 764 10783077 13*****
****015MESA1D31820 760416 024 -297 -307 764 10823077 14****015MESA1D31820 760416 044 -360 -229 760 10823077 15*****
****015MESA1D31820 760416 1 4 -355 -231 764 10863070 16****015MESA1D31820 760416 124 -362 -159 760 10863070 17*****
****015MESA1D31820 760416 144 -328 -168 764 10863077 18****015MESA1D31820 760416 2 4 -315 -157 764 10863070 19*****
****015MESA1D31820 760416 224 -259 -139 764 10863077 20****015MESA1D31820 760416 244 -262 -158 770 10863070 21*****
****015MESA1D31820 760416 3 4 -276 -198 767 10863063 22****015MESA1D31820 760416 324 -260 -29 767 10863063 23*****
****015MESA1D31820 760416 344 -250 24 764 10863070 24****015MESA1D31820 760416 4 4 -222 88 764 10863063 25*****
****015MESA1D31820 760416 424 -195 99 764 10863070 26****015MESA1D31820 760416 444 -177 97 760 10863063 27*****
****015MESA1D31820 760416 5 4 -126 116 760 10863070 28****015MESA1D31820 760416 524 106 -112 757 10863063 29*****
****015MESA1D31820 760416 544 -102 95 757 10823070 30****015MESA1D31820 760416 6 4 -36 101 754 10823070 31*****
****015MESA1D31820 760416 624 29 99 754 10823063 32****015MESA1D31820 760416 644 -51 27 754 10823070 33*****
****015MESA1D31820 760416 7 4 34 30 754 10823070 34****015MESA1D31820 760416 724 -1 -36 754 10823070 35*****
****015MESA1D31820 760416 744 -24 -16 754 10823070 36****015MESA1D31820 760416 8 4 -6 75 754 10823063 37*****
****015MESA1D31820 760416 824 -6 81 751 10823057 38****015MESA1D31820 760416 844 -11 54 751 10823043 39*****
****015MESA1D31820 760416 9 4 -12 39 751 10823057 40****015MESA1D31820 760416 924 24 35 754 10823063 41*****

****015MESA1031820	7604161024	-135	-160	757	10863063	44****015MESA1031820	7604161044	-243	-223	754	10863063	45****
****015MESA1031820	760416114	-345	-209	760	10863070	46****015MESA1031820	7604161124	-302	-213	764	10863077	47****
****015MESA1031820	7604161144	-231	-172	767	10863070	48****015MESA1031820	760416124	-223	-254	767	10863084	49****
****015MESA1031820	7604161224	-255	-290	773	10863084	50****015MESA1031820	7604161244	-262	-288	777	10863084	51****
****015MESA1031820	760416134	-263	-262	757	10863070	52****015MESA1031820	7604161324	-251	-206	770	10863070	53****
****015MESA1031820	7604161344	-252	-146	767	10863077	54****015MESA1031820	760416144	-227	-110	770	10863077	55****
****015MESA1031820	7604161424	-173	-85	770	10863077	56****015MESA1031820	7604161444	-113	25	764	10863063	57****
****015MESA1031820	760416154	-53	76	764	10863063	58****015MESA1031820	7604161524	-23	103	764	10863063	59****

CP TIME SO FAR = 291.23 SECONDS

READING DATA FOR PROJECT MESA MOORING MESA-10 METER 1426 , SCANS 1 TO 4819 = 4819 TOTAL DATA SCANS.

RECORD NO.	385												
****015MESA1021826	47424 N122267 W	197	1480	3F	OMESA-1	4819****015MESA1031826	7604151945	49	-19	752	14843085	1****	
****015MESA1031826	760415205	-11	-37	752	14843085	2****015MESA1031826	7604152025	-4	-66	756	14883085	2****	
****015MESA1031826	7604152045	-56	-79	752	14883078	4****015MESA1031826	760415215	-60	-141	752	14923071	5****	
****015MESA1031826	7604152125	-107	-193	756	14963078	6****015MESA1031826	7604152145	-118	-201	762	14993085	7****	
****015MESA1031826	760415225	-151	-188	759	15033078	8****015MESA1031826	7604152225	-167	-171	759	15073078	9****	
****015MESA1031826	7604152245	-127	-190	756	15113078	10****015MESA1031826	760415235	-131	-209	756	15143078	11****	
****015MESA1031826	7604152325	-139	-262	759	15223085	12****015MESA1031826	7604152345	-264	-239	756	15253091	13****	
****015MESA1031826	76041605	-266	-253	762	15253085	14****015MESA1031826	760416025	-325	-274	762	15293085	15****	
****015MESA1031826	760416045	-328	-151	762	15293085	16****015MESA1031826	76041615	-305	-117	759	15293078	17****	
****015MESA1031826	760416125	-253	-96	759	15333078	18****015MESA1031826	760416145	-198	-81	759	15333078	19****	
****015MESA1031826	76041625	-175	-5	759	15333085	20****015MESA1031826	760416225	-138	-20	756	15333078	21****	
****015MESA1031826	760416245	-153	-3	756	15333071	22****015MESA1031826	76041635	-162	-16	756	15333071	23****	
****015MESA1031826	760416325	-158	-8	759	15333071	24****015MESA1031826	760416345	-154	8	756	15333071	25****	
****015MESA1031826	76041645	-164	-3	759	15333078	26****015MESA1031826	760416425	-114	80	756	15333071	27****	
****015MESA1031826	760416445	-40	58	756	15333078	28****015MESA1031826	76041655	54	68	759	15333085	29****	
****015MESA1031826	760416525	72	73	759	15333085	30****015MESA1031826	760416545	45	93	756	15293071	31****	
****015MESA1031826	76041665	67	80	756	15253078	32****015MESA1031826	760416625	7	136	756	15253085	33****	
****015MESA1031826	760416645	-62	50	759	15253091	34****015MESA1031826	76041675	-35	43	759	15223091	35****	
****015MESA1031826	760416725	-36	1	759	15223091	36****015MESA1031826	760416745	-28	-24	759	15223091	37****	
****015MESA1031826	76041685	-31	-40	759	15223085	38****015MESA1031826	760416825	-43	-59	759	15223085	39****	
****015MESA1031826	760416845	-57	-85	759	15223085	40****015MESA1031826	76041695	-56	-103	759	15223085	41****	
****015MESA1031826	760416925	-80	-141	759	15223085	42****015MESA1031826	760416945	-125	-166	759	15223085	43****	
****015MESA1031826	760416105	-139	-182	759	15223085	44****015MESA1031826	7604161025	-127	-185	759	15223085	45****	
****015MESA1031826	7604161045	-156	-166	759	15253085	46****015MESA1031826	760416115	-137	-199	759	15253085	47****	
****015MESA1031826	7604161125	-159	-254	759	15293078	48****015MESA1031826	7604161145	-220	-245	759	15293085	49****	
****015MESA1031826	760416125	-188	-249	762	15333085	50****015MESA1031826	7604161225	-205	-200	762	15333085	51****	
****015MESA1031826	7604161245	-196	-182	762	15333085	52****015MESA1031826	760416135	-202	-102	762	15333091	53****	
****015MESA1031826	7604161325	-199	-93	762	15333085	54****015MESA1031826	7604161345	-174	-58	762	15333085	55****	
****015MESA1031826	760416145	-125	13	762	15333085	56****015MESA1031826	7604161425	-77	67	762	15333085	57****	
****015MESA1031826	7604161445	-42	120	762	15333085	58****015MESA1031826	760416155	6	110	762	15333085	59****	

CP TIME SO FAR = 351.89 SECONDS

READING DATA FOR PROJECT MESA MOORING MESA-10 METER 1427 , SCANS 1 TO 564 = 564 TOTAL DATA SCANS.

RECORD NO.	466												
****015MESA1021827	47424 N122267 W	197	1750	3F	OMESA-1	564****015MESA1031827	7604151946	66	78	-50	19373035	1****	
****015MESA1031827	760415206	-1	54	-50	19413076	2****015MESA1031827	7604152026	-7	-13	-50	19413063	2****	
****015MESA1031827	7604152046	-3	-15	-50	19453042	4****015MESA1031827	760415216	-16	-20	-50	19333056	5****	
****015MESA1031827	7604152126	43	52	-50	19293035	6****015MESA1031827	7604152146	-16	-50	-50	19293083	7****	
****015MESA1031827	760415226	-33	-59	-50	19253083	8****015MESA1031827	7604152226	-12	-97	-50	19293049	9****	
****015MESA1031827	7604152246	-41	-108	-50	19293083	10****015MESA1031827	760415236	-68	-80	-50	19333083	11****	
****015MESA1031827	7604152326	-275	461	-50	19603063	12****015MESA1031827	7604152346	9	12	-50	19643110	13****	
****015MESA1031827	76041606	393	535	-50	19793083	14****015MESA1031827	760416026	-2	-15	-50	19793083	15****	
****015MESA1031827	760416046	-9	-12	-50	19793049	16****015MESA1031827	76041616	-10	-11	-50	19793083	17****	
****015MESA1031827	760416126	13	9	-50	19833090	18****015MESA1031827	760416146	-14	-4	-50	19833022	19****	
****015MESA1031827	76041626	-14	-5	-50	19833049	20****015MESA1031827	760416226	-14	-15	-50	19873090	21****	



*****015MESA1D31827 760416 326	-59	-52	-50	19873056	24***015MESA1D31827 760416 346	-25	-24	-50	19873042	25*****
*****015MESA1D31827 760416 4 6	-10	-11	-50	19873083	26***015MESA1D31827 760416 426	0	-15	-50	19873063	27*****
*****015MESA1D31827 760416 446	57	8	-50	19873022	28***015MESA1D31827 760416 5 6	60	4	-50	19873035	29*****
*****015MESA1D31827 760416 526	20	1	-50	19873062	30***015MESA1D31827 760416 546	93	9	-50	19873076	31*****
*****015MESA1D31827 760416 6 6	96	31	-50	19873049	32***015MESA1D31827 760416 626	68	56	-50	19873076	33*****
*****015MESA1D31827 760416 646	57	69	-50	19873049	34***015MESA1D31827 760416 7 6	83	97	-50	19873063	35*****
*****015MESA1D31827 760416 726	63	75	-50	19833008	36***015MESA1D31827 760416 746	72	62	-50	19833049	37*****
*****015MESA1D31827 760416 8 6	124	135	-50	19833042	38***015MESA1D31827 760416 826	169	79	-50	19833049	39*****
*****015MESA1D31827 760416 846	58	44	-50	19833083	40***015MESA1D31827 760416 9 6	71	110	-50	19833042	41*****
*****015MESA1D31827 760416 926	115	207	-50	19833049	42***015MESA1D31827 760416 946	208	243	-50	19833008	43*****
*****015MESA1D31827 76041610 6	214	194	-50	19833083	44***015MESA1D31827 7604161026	158	183	-50	19793083	45*****
*****015MESA1D31827 7604161046	211	222	-50	19753069	46***015MESA1D31827 76041611 6	215	268	-50	19713069	47*****
*****015MESA1D31827 7604161126	173	241	-50	19713022	48***015MESA1D31827 7604161146	136	206	-50	19713008	49*****
*****015MESA1D31827 76041612 6	124	162	-50	19683022	50***015MESA1D31827 7604161226	124	126	-50	19683035	51*****
*****015MESA1D31827 7604161246	104	41	-50	19683022	52***015MESA1D31827 76041613 6	40	-16	-50	19683015	53*****
*****015MESA1D31827 7604161326	-2	-15	-50	19683063	54***015MESA1D31827 7604161346	-12	-8	-50	19683022	55*****
*****015MESA1D31827 76041614 6	-40	-40	-50	19683022	56***015MESA1D31827 7604161426	-20	-41	-50	19663022	57*****
*****015MESA1D31827 7604161446	-26	53	-50	19683096	58***015MESA1D31827 76041615 6	-17	-38	-50	19683042	59*****

CP TIME SO FAR = 359.01 SECONDS

\*\*\*END OF JOB\*\*\*

7 METERS PROCESSED. 475 PHYSICAL RECORDS WRITTEN ON TAPE3.

BATCH 11/08/76 U.W. SCOPE 3.4.4 L410 MFA 09/22/75

IF YOU ARE HAVING TROUBLE WITH YOUR REMOTE TERMINAL,  
CALL COMPUTER OPERATIONS AT 543-5933 FOR ASSISTANCE.

THURSDAY NOON MOVIES AT THE COMPUTER CENTER BEGIN  
NOVEMBER 11 WITH \*THE MYSTERY OF STONEHENGE\*. THE  
FREE MOVIES WILL BE SHOWN AT NOON IN THE ACADEMIC  
COMPUTER CENTER CLASSROOM.

15.07.11.RSCURF FROM /BA

15.07.11.RSCUR,MT1,T500,T0200,CM70000.P1. CURNODC

15.07.11.SILLCOY RM 305 CHRT 3-5275

15.07.11.ACCOUNT,3GL76N00,\*\*\*\*\*.B.

15.07.11.ACCOUNT BALANCE = \$ 303.51

15.07.11.ATTACH,CURNODC,TD=PSPMEL.

15.07.11.PFN IS

15.07.11.CURNODC

15.07.12.PE CYCLE NO. = 001

15.07.12.REQUEST,CLEAN,VS=N=P2182,INPUT.

15.10.57.( MT54 ASSIGNED)

15.10.57.REWIND,CLEAN.

15.10.57.COPYRE,CLEAN,TAPE2,7.

15.10.58.MT54 VOLUME SERIAL NUMBER IS 0P2182

15.11.52.UNLOAD,CLEAN.

15.11.53.REQUEST,TAPE3,S,VS=N=P2524,OUTPUT.

15.11.53.NODC FORMATTED OUTPUT TAPE

15.15.19.( MT56 ASSIGNED)

15.15.19.REWIND,TAPE2,TAPE3.

15.17.35.CURNODC.

15.18.08.MT56 VOLUME SERIAL NUMBER IS 0P2524

15.33.20.LOCKIN.

15.34.29.UNLOCK,EXP.

15.34.45.STOP.

15.34.45. 265 LINE(S) WRITTEN ON OUTPUT

15.34.45.RETURN,TAPE3.

15.34.46.MT56 BLOCKS WRITTEN =000476

15.34.46.OP 0000718 SECTORS, FILE OUTPUT, DC 40

15.34.46.ACCOUNT 3GL76N00 11/08/76

15.34.46. 359.028 CP SECONDS

15.34.46. 97.855 DP SECONDS

15.34.46. 42.747 I/O SECONDS

15.34.46. 145573.434 CM SECONDS

15.34.46. 39370.741 DISK SECONDS

15.34.46. 401.391 TAPE SECONDS

15.34.46. 2 TAPE MOUNTS

15.34.46. 3 READ SECTORS

15.34.46. 57 PRNT SECTORS

15.34.46. 2512 PMS SECTORS

15.34.46.PRIORITY 1,CLASS I ID BA

15.34.46.RESOURCE UNITS = 1019.931

15.34.46.OUTPUT (EST) = \$ .18

15.34.46.MOUNTS = \$ .50

15.34.46.PROCESSING = \$ 34.00

15.34.46.JOB COST = \$ 34.50

15.34.46. 11/08/76 RSCURF 3GL76N00 40

Filetype

015-2

20

#2 000482

ANSE 013808

3875

4435

(c4040)

60/4800, FOIS

#1 U 020421

TR 704, 896-904, 1050-1052, 1419-1423, 1659, 1905

#2 TAPE

333,926

Accession No: 76-1843  
~~FR 0704~~

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
7601843	F015	TT1356	0082	313F	317F	1976/04/15	NULL	301348
7601843	F015	TT1357	0082	313F	317F	1976/04/15	NULL	301349
7601843	F015	TT1358	0082	313F	317F	1976/04/15	NULL	301350
7601843	F015	TT1359	0082	313F	317F	1976/04/15	NULL	301351
7601843	F015	TT1360	0082	313F	317F	1976/04/15	NULL	301352
7601843	F015	TT1361	0082	313F	317F	1976/04/15	NULL	301353
7601843	F015	TT1362	0082	313F	317F	1976/04/15	NULL	301354

(7 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
7601843	F015	TT1356	317F	19	4819	76/04/15	76/06/01
7601843	F015	TT1357	317F	19	4819	76/04/15	76/06/01
7601843	F015	TT1358	317F	19	4819	76/04/15	76/06/01
7601843	F015	TT1359	317F	19	4819	76/04/15	76/06/01
7601843	F015	TT1360	317F	19	3566	76/04/15	76/06/01
7601843	F015	TT1361	317F	19	4820	76/04/15	76/06/01
7601843	F015	TT1362	317F	19	565	76/04/15	76/04/15

(7 rows affected)