

wrote to Allen w/ the problem. He says

"We can check w/ Andrew Pickles on how to get the exabyte working again. For future reference, either use "mt offline" or simply push the button on the exabyte to ^{rewind} eject tapes.

I just tried cycling the power off & on again. Seems to be OK"

Archive Plan

Each night:

1) nightly tape
daily

put tape in
mt stat

from home dir, tar c 92<month><day>

mt rewind; push the button

4) complete tape
3x

put tape in; mt stat

mt fsfz over written files

mt stat should be file no ⁿ~~0~~ block no 0

tar c 92<mo><day>

mt rewind push the button

2) check tape

get to beginning of
night's data

cd /usr2/scr/obs-4 →
analdir

tar x 92<mo><day>/file

diff *day n/x/day

3) make tar list

and remove data

↑
5)

get to beginning of the night's tar

mt stat

tar t > 92<mo><day>/tar.list

Compare tar.list w/ an ls - are all the files

there and 4388 blocks long?

rm /bin/rm c* * /analdir/92<mo><day>

cp
mv

↑
/usr2/scr/obs-4

END of run

complete tape

3x

get to end of tape ...

tar c 92*

tar all the dirs + tar.list

MORNING OF 1992 FEB 26

Timing in header is HIGHLY inaccurate - up to 20 MINUTES off
(Sigma of 3min).

home should have tar.list
scr " " everything

(n=4)

Focus

.289 m focus @ 4890 @ Beginning of night
Drift over the night can be ~30 units

Marking the screen:

ctr * + @ row 512 col 544

row 101
col 132

row 101
col 959

+ ————— row 512
col 544

row 900
col 132

row 900
col 959

15^h 37^m 33.8^s -2° 22' 1" 1950
SAO 140688 Pointing. Bright SAO near R

Set up on Pluto field

Scale on TV is $\frac{800}{180} \approx 4.5 \text{ pix/mm}$
~1 arcsec/mm
0.22 arcsec

HST
0504 on R. take 30 sec. exp

75 arc sec N.
45 arc sec W.

Step 15 on focus; move tel. south
7 exp. exp. 10 arcsec

Start focus 4845
4860
4875

UT 15:16:09 4890 → use 4899
Start 15:16:36 4905 4897
4920
4935

C007417. fits

BEGIN C007418

ed Start #1 15:26:15 ed

South 10 arcsec 15:27:43 42

South ↖ eg MOVE TELESCOPE 10" South

start #2

[illegible]

watch time

$$\text{Watch} = \text{UTC} + 1.0 \text{ sec}$$

↓ start time

Focus 4897

#1, 2
previous
page

#3	South 10 ⁿ	15:29:00 (16)	exposures 60s
#4	South 10 ⁿ	15:30:16	Dave's watch
#5	West 10 ⁿ	15:31:23 ²³	by Dave's watch
#6	North 10 ⁿ	15:32:32	All times on Dave's watch
#7	North 10 ⁿ	15:33:41	which is 1 s fast
#8	North 10 ⁿ	15:34:50	

c007419. fits

start time

all exposures 60s

#1	orig orig pos'n	15:40:04.5	watch times
#2	10 ⁿ S	15:41:21.5	
#3	10 ⁿ S	15:42:34	
#4	10 ⁿ S	15:43:41	

15 min. after astro. twilight

c007420. fits

start time (by watch)

#1	orig.	15:48:38
#2	10 ⁿ S	15:49:56

c007421. fits

Take B fields until they become flats

#1	orig	15:55:12
#2	10 ⁿ S	15:56:23

c007422. fits

#1	orig	16:01:30 16 01 30	row 512 ~1000
#2	10 ⁿ S	16 02 39	

c007423. fits

drive off

#1	HA 00 30 30.13	16 08 51	row 512 ~1000
	5-03 50 50.6		

back to long sheet.

16 13 02

c007425 10 error, then tnx rebooted.

by the row plot, the brightness was good, just below 4000

Auto reboot.