

From console disk
(17 sec faster than VME card)

Telescope:

Frame prefix #: FR85D

Day of Week: Mon nite

RA offset: 0

Focus: 3822 Humdty:

Sheet #: 1

Observers: Schultz, Fink
DiSanti

Date MST/UT: 17/18 June
1985

Dec offset: 45" S

Tailpiece: 17-

Balance: 50 Temp 0/I:

weight all the way down

FR85D

Exp #	Object	Exp time	Filter slit	Counts Object/Sky	Exp start MST/UT	RA set	Dec set	Hour-angle exp-start	Comments (P.A., seeing, Moon, clouds, etc.)
001	LAN 84-332	1S	V	~9K	7:22				1 RIS up at 302
002	"	1S	V	~9K	7:29				removed black box
003	"	1S	R	~9300	7:31:56				added ^{down} weight to Eric's to RA balance
004	"	1 sec	R	~11K	7:33:11				
005	"	2S	R	~16K	7:35:10				dec weights all the way down
006	"	1S	I	~11K	7:36:48				CCD down for next
007	"	2S	B	~4800	7:38:28				
008	"	4S	B	~8300	7:40:15				filled down time
009	Giovanini (7:59)	30S	V	~4000	7:59:03				held for ~ 6-7 h
010	G-2	120	V	~10900	8:03:01				
011	G-2	120	R	~17K	8:07:47				cut off field at 470, 400
012	G-2	60	R	~13000	8:13:17				470, 400
013	G-2	30	R	7200	8:16:31				470, 400
014	G-2	60	I	10700	8:20:04	21:31:23.0	+42:30:50		
015	G-2	120	I	16700	8:23:37				

Telescope: 61"

Frame prefix #: F2850

Day of Week: M

RA offset:

Focus:

Humdty: 30% Sheet #: 2

Observers:

Date MST/UT:

Dec offset:

Tailpiece:

Temp 0/I: 65/65 F 60/02

Reset clock to console

Exp #	Object	Exp time	Filter	Counts Object/Sky	Exp start MST UT	RA set	Dec set	Hour-angle exp-start	Comments (P.A., seeing, Moon, clouds, etc.)
016	G-Z	120	B	7200	8:28:10	21:31:23.7	42:31:05		
017	G-Z	240	B	13400	8:32:35				
018	G-Z	10 ^m	4260	700/600	9:09:04	28.6	25.7	2 ^h 01 ^m E	handle in
19	G-Z	10 ^m	4260	910/600	9:26	32:30	32:21	1 ^h 42 ^m E	all the better was
20	G-Z	10 ^m	4260	1200/600	9:33:15	32	32:45	1 ^h 20 ^m E	renew
21	G-Z	10 ^m	4260	330/700	9:40	33.2	33:03	1 ^h 12 ^m E	connected 1/2 B
22	G-Z	5 ^m	7025	1500/800		36.2	33:43	94 ^m E	handle out.
23	G-Z	10	6840	12300/800	10:33:52	37.2	33:55	35 ^m E	handle in
24	G-Z	10 ^s	5139	7740/800	10:46:28	38.9	34:13	22 ^m E	
25	FR	10 ^s	5139	~10000			-16 ^o 04	00 ^h 07 ^m E	2 light intensity lamp
26	FR	13 ^s	6840	~9400			"		a huge
27	FR	1.5 ^s	7025	~1200			"		handle in shutter bug E.
28	FR	10 ^s	4845	4500			"		handle in
29	FR	10 ^s	4260	2560					
30	FR		4060	1500					

Telescope: 61"
 Frame prefix #: FRP5D Day of Week: M. RA offset: Focus: 3822 Humdty: 52% Sheet #: 2
 Observers: Schutte, Fink R. Date MST/UT: Dec offset: Tailpiece: Balance: Temp 0/I:
 Finko, Disa M.

Exp #	Object	Exp time	Filter slit	Counts Object/Sky	Exp start MST	RA set	Dec set	Hour-angle exp-start	Comments (P.A., seeing, Moon, clouds, etc.)
31	FF	2 ^m	5871	708					
32	Dunk	2 ^m							
33	Dunk	5 ^m							
33	FF	2 ^s	R	700					
34	"	3 ^s	B	10200					
35	FF	0.5 ^s	V	8700					
36	FF	0.2 ^s	V	12000					
37	FF		R	→ Camera read up ... all remarked					
				Could not make it go OK					it appears that
									7777-Image - Image 006-1M
									possibly his, but within a disk.
				Next day things are OK again					

on new tape

Telescope: 614

Frame prefix #: FR850

Day of Week: Tue.

RA offset: 0

Focus: 3822

Humdty: 32%

Sheet #: 4

Observers: Schutte, P. Fik, R. Fik

Date MST/UT: June 18/19

Dec offset: 95" S

Tailpiece: 17

Balance: 0

Temp O/I: 70/70

written
to tape

Exp #	Object	Exp time	Filter slit	Counts Object/Sky	Exp start MST	RA set	Dec set	Hour-angle exp-start	Comments (P.A., seeing, Moon, clouds, etc.)
✓ 38	FF	0.2	I	9362		0 HA	-13:59:32		DOME SHUTTER CLOSED 512x512
✓ 39	FF	0.2	←		not	Recorded	on tape	→	(IMAGE 008) Image screwed up
✓ 40	FF	0.2	I	9840					
✓ 41	FF	0.2	R	8336					
✓ 42	FF	0.3	R	12244					
✓ 43	FF	0.3	R	12076					
✓ 44	FF	0.7	V	12532					FR85044
✓ 45	FF	0.7	V	12320					FR85045 } found the "D"
✓ 46	FF	2.0	B	7060					FR85046
✓ 47	FF	2.0	B	7192					
✓ 48	FF	3.0	B	10456					
✓ 49	FF	4.0	5995	7660					
✓ 50	FF	4.6	5995	7736					
✓ 51	FF	60.00	6300	8800					
✓ 52	FF	60.00	6300	8892					

Telescope:

Frame prefix #: FR85D

Day of Week: TUES

RA offset: 0

Focus: 3822 Humdty: 32% Sheet #: 5

Observers: ^uFink, ^rFink, ^zSchultz Date MST/UT: June 18/19

Dec offset: 45"8

Tailpiece: 17
Balance: 50 Temp 0/I: 68/69

Exp #	Object	Exp time	Filter slit	Counts Object/Sky	Exp start MST UT	RA set	Dec set	Hour-angle exp-start	Comments (P.A., seeing, Moon, clouds, etc.)
✓53	FF	1.4	8520	7152					
✓54	FF	.4	8520	6492					
✓55	FF	1.0	9280	5000					
✓56	FF	2.0	9280	9200					
✓57	Dark	1.0	\	5800					
✓58	Dark	60.0	\	580					
✓59	Dark	300.0	\	544	^{UT} 5:10 / ^{MST} 10:46				Trp off dew
✓60	G-2	120	8520	5000/1100	^{UT} 9:12:24				
✓61	G-2	240	8520	8900/	9:17:20				Screwed up image
✓62	G-2	300	9280	3800/1000	9:31:48				
✓63	G-2	300	5995	3500/800	9:39:14				
✓64	G-2	1200	6300	2100/700	9:47:06				TOPPED OFF DEWJAR 3:15 (10:15 REAL TIME)
✓65	G-2	1200	5995	12000/	10:14:00				TOPPED OFF DEWJAR 3:15 (10:15 REAL TIME)
✓66	G-2	1200	6300	1400/650	10:38:40				shin shifted camera toward center
new Tape → ✓67	BD28 ^{4/21}	10	5995	2400/700	11:31:84				Get Home down

Telescope:

Frame prefix #: FR85D

Day of Week: wed

RA offset: ϕ

Focus: 3822

Humdty:

Sheet #: 17

Observers: D. Senti, Finck
Marcellis, Schultz

Date MST/UT: June 19/20

Dec offset: 45^h5

Tailpiece: 17

Balance: 50 Temp 0/I:

Exp #	Object	Exp time	Filter slit	Counts Object/Sky	Exp start MST UT	RA set	Dec set	Hour-angle exp-start	Comments (P.A., seeing, Moon, clouds, etc.)
✓ 71	NGC	10 sec	V						Hazy - partial clearing after 12 mid night
✓ 72	LAN	0.7	V	10000/627	8:35:19	16:16:00	14:42:00		note: UT clock on console
✓ 73	LAN	0.7	V		8:28:40				Δ is off
✓ 74	LAN	0.7	R	11000/600	8:30:48			2:45	
✓ 75	LAN	0.5	R		8:32:55			2:47	slightly out of
✓ 76	LAN	1.0	I	4600/671	8:31:50			2:56	focus
✓ 77	LAN	1.0	I	5200/				2:58	
✓ 78	LAN	2.0	B	3300/600				3:00	
✓ 79	LAN	2.0	B	3900/650				3:04	
✓ 80	LAN	0.7	V	4000/				3:06	↓
✓ 81	Neptune	1.0	R	720	10:28:47				note ~ 1000 7 mid AM
✓ 82	"	15	R	720	33:15				2000 ~ Spine ARM
✓ 83	"	15	R	760	35:39				image partially scrambled
✓ 84	Υ	10.0	R	1100	37:56				get's light
✓ 85	"	1 min	R	3280	41:59			~3:06	clouds?

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Telescope: ⁶¹¹
 Day of Week: ^{Wed} ~~Thurs~~

Frame prefix #: ~~FR5P~~

RA offset: 0

Focus: 3824 Humdty: 51% Sheet #:

Observers: D. Senti Fin/c
 Marcialis, Schultz

Dec offset: 45⁰⁰S

Tailpiece: 17
 Balance: all things
 Temp 0/I: 56/60

written
 to tape

Exp #	Object	Exp time	Filter slit	Counts Object/Sky	Exp start MST	RA set	Dec set	Hour-angle exp-start	Comments (P.A., seeing, Moon, clouds, etc.)
✓ 86	FF	2.0	B	7000		0 HA	-13:59		RAIN Early in evening
✓ 87	FF	0.5	V	8500					
✓ 88	FF	0.2	R	8000					
✓ 89	FF	0.2	I	9400					
90	NGC 4051	15 sec	V	8100	5:08:00				
91	"	30 sec	V		5:10:48				
92	"	30 sec	B	6800	5:17:19				
93	"	60 sec	B	12300	5:20:07				
94	"	155	R	13700	5:23:13				
95	"	10	R	9000	5:24:57				
96	"	10	I	4400	5:26:56				
97	"	20	I	6800	5:28:20				
98	"	40	I	12300	5:30:28				LN ₂ TOPPED OFF 5:36 UT
99	LAND 84	0.7	R	10700	5:48:05				Possibly some clouds
100	"	0.5	R	6800/700	5:49:40				

Telescope:

Frame prefix #:

Day of Week:

RA offset:

Focus:

Humdty:

Sheet #:

Observers:

Date MST/UT:

Dec offset:

Tailpiece:

Balance:

Temp \emptyset /I:

Exp #	Object	Exp time	Filter slit	Counts Object/Sky	Exp start MST/UT	RA set	Dec set	Hour-angle exp-start	Comments (P.A., seeing, Moon, clouds, etc.)
✓ 101	Land 84-35	2 sec	F	13500	5:55:46				
✓ 102	"	1.5 sec	I	7700/700	5:57:17				
✓ 103	"	1 sec	V	11700	5:59:05				
- 104	"	1 sec	V	10200	6:00:24				
- 105	"	4 sec	B	13500	6:02:28				Image reel out scrambled (but *images ok)
- 106	"	3 sec	B	9850	6:05:00				
- 107	Kopff 27	1 sec	B	8600	6:17:57	17:43 12.5	5° 24 25		
004 - 108	"	0.3	V	7200	6:21:26				
- 109	"	0.3	R	10000	6:22:47				started
- 110	"	0.6	I	4400	6:24:45				giddy bag
- 111	"	0.3	V	6400	6:26				one fix in there
new TAPE → 112	"	30	9280	2600	7:09			0h	
005 ✓ 113	"	10	8020	9300	7:15:47				
- 114	"	120	6300	10500	7:17:55				
- 115	"	14	5995	7300	7:26:03			16 ^m W	

Telescope:

Frame prefix #:

Day of Week:

RA offset:

Focus:

Humdty:

Sheet #:

Observers:

Date MST/UT:

Dec offset:

Tailpiece:

Balance:

Temp \emptyset /I:

Page
↓

Exp #	Object	Exp time	Filter slit	Counts Object/Sky	Exp start MST-UT	RA set	Dec set	Hour-angle exp-start	Comments (P.A., seeing, Moon, clouds, etc.)	
✓ 116	G 2	300	5995	3450/1000		20			CLOUDY	4
ent ✓ 117	"	120 ²²¹	6300	900/800	7:45:15	1:07:29			exp to be lost lost	
✓ 118	"	300	5995	6500/600	8:52:19					5
✓ 119	G 2	120	8520	3900/1100	9:07:40					6
✓ 120	G 2	300.0	9280	2170/980	9:13:44					7
✓ 121	G 2	300.0	9280	2170/1000						8
✓ 122	G 2	1200	6300	2432/650	9:33:50					9
✓ 123	G 2	1200	6300	1486/680	10:03:28				tilted	10
124	4211 BD.28	10	5995		10:40:52					11
010 ✓ 124	"	120	6300	2600/680	10:42:54					12
✓ 125	"	10	8520	1500/730					Hazy	13
✓ 126	"	120	9280	1800/800						14
005 ✓ 127	"	10	5995	6000/600		21:50:31	14:40:33			15
006 ✓ 128	NGC 6764	120	8520						shifted image img 006	16
007 ✓ 129	"	120.0	"		11:17:44	19:07:58	+50:53:27		getting down	17
130	"	120	9280	120/1100	11:21:29					18

Telescope:

Frame prefix #: FR85D

Day of Week: Fri

RA offset: 0

Focus:

Humdty: 45% Sheet #:

Observers: DiSanti, Fink
Marcialis

Date MST/UT: June 21/22

Dec offset: 45^TS

Tailpiece:

Balance:

Temp 0/I: 59/61

tape file
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Exp #	Object	Exp time	Filter slit	Counts Object/Sky	Exp start MST	RA set	Dec set	Hour-angle exp-start	Comments (P.A., seeing, Moon, clouds, etc.)
131	He Exp	4.0	2.0						
132	"	0.2	"						
133	dark	0.2	"						
134	term	0.2	"						
135	α-B00	0.05	0.25						
136	BS 5511	0.1	1.0						TOP OFF Dewar 10:25 P.M.
137	"	0.05	1.0	7300/630					
138	HD 122563	0.3	1.0			14:01:46.3	9:44:22		
139	"	0.5	"						
140	BS 6629	0.1	"			17:47:08	2:41:33		
141	"	0.05	"		6:23:32				
142	KOPFF 27	20.0	1.0			17:43:12.0	5:24:06		
143	"	60.0	1.0		6:45:14	17:45:10.8	5:24:05		
144		40.0	1.0	8500/630					
145	GZ	300	1.0		7:08:22	~21:38.5	~44:00	3:56E	

