

Frame prefix: SP96R

Telescope: 61"

Sheet #: 1

Date: 96 March 22/23
Friday NST

Focus: 300
Iris:
Tailpiece: 210
Balance:

Humidity: 65%

Temp: 33/37

Guidepoint: 394.2, 395

Observers:

Exp. #	Object	Exp. time	Filter (slit)	Counts: Peak/Phot	UT time Start	RA α	Dec δ	SecZ	Comments: seeing, moon, LHA, VME crashes, clouds, etc.
001	BS 5534	30	1.0	27000	10:13:17	14:50:06	23:54:48	1.01	tw:05
↓	"	"	"	25000 29000					
005	"	"	"	27000		"	"	1.01	tw:09
006	Hyalohale	60	0.50	65000	10:25:46	14:46:12	28 20 53	1.09	tw:22 <i>detected.</i>
007	"	20	0.10	22000				1.01	
008	"	30	"	34000	10:24			1.01	tw:26
009	"	60	0.25	42000	10:38:45	14:46:09	28 28 12	1.01	tw:34
010	"	40	"	28000	10:42			1.01	
011	"	40	"	28000	10:44			1.01	
012	"	40	"	26000	10:45			1.01	tw:42
013	"	40	"	27000					
014	"	60	0.15	27000	10:52			1.02	tw:48
015	"	"	"		" 56			1.02	
016	"								
017	"								
018	"	"	"		11:01			1.03	tw:58
019	BS 5534	30	1.0	27000	11:10	14:50:05	23 54 42	1.04	tw:05
020	"	40	"	35000					
021	"								
022	"								
023	"		"	35000	11:15	"	"	1.05	tw:07
024	BS 6624 star	1.0	1.0	39000		17:47:44	+02 41 10	1.27	-01:41

Frame prefix: SP96 B

Telescope: 61"

Sheet #: 3

Date: MAR 23/24

Focus:

Humidity:

Iris:

Tailpiece:

Balance:

Temp:

Observers: FNK, HICKS, COLLINS, FLORE SAT

Guidepoint: 393.2 393.2
completely off

Exp. #	Object	Exp. time	Filter (slit)	Counts: Peak/Phot	UT time Start	RA α	Dec δ	SecZ	Comments: seeing, moon, LHA, VME crashes, clouds, etc.
32	RS1220 Test	1.0							GP: 393.2, 393.2 379.2
33	"								No Good
34	"								359
35	"								No Good
36	BS1300 (test)	1.00	.25			11:40:52	+34 13:33	1.0	361
37	BS1300 (test)	"	"			"	"	1.0	404
38	DS 5534 (comp)	4.0	4.0	19565	7:33	14:50:05	+23:55:37	1.29	-02:51
39	"	6.0	"	39,000		"	"		Saturated
40	"	8.0	"	30,143		"	"		
41	"	3.0	"	31,000		"	"	1.17	-02:16 = HA
42	"	3.0	"	29,607	7:48	"	"	1.16	-2:14 = HA
43	"	3.0	"	25,167	7:50	"	"	1.16	-2:13
44	Hyakutake	4.0	.25	33,000	7:59	14:41:23	+42:09:42	1.10	-01:56
45	"	"	"	29,800	8:06			1.09	-01:50
46	"	"	"	32,200	8:08			1.09	01:47
47	"	"	"	30,000	8:09			"	01:46
48	"	"	"	27,929	8:11			"	
49	SL	3.00	0.50		8:18	1449 16	44 23 09	1.09	-01:45 offset to count +2° +08"

Frame prefix: SP96B

Telescope: 61"

Sheet #: 4

Date: Mar 23/24 SAT

Focus: 3550
Iris: 3w
Tailpiece:
Balance:

Humidity: 67

Observers: Fink, Hicks, Collins, Flores

Temp: 22/27

Guidepoint:

Exp. #	Object	Exp. time	Filter (slit)	Counts: Peak/Phot	UT time Start	RA α	Dec δ	SecZ	Comments: seeing, moon, LHA, VME crashes, clouds, etc.
50	Hyakutake	40	.25	29,800	8:33			1.06	
51	"	"	"	29300	8:34:38			1.06	
52	"	40	0.25	18800	08:42:57	14 41 04	+42 39 36	1.05	more cont N offset along slit 2822, 466 (42) -01:12
53	"	80	"	44300	08:45	"	"	1.05	"
54	"	30	0.25	6000	8:50	14 41 08	42 43 20	1.09	more offset -01:04
55	"	60	"	11000	8:56	14 43 19	42 44 53	1.04	-01:58
56	88	300	0.50		9:04	14 48 54	44 56 15	1.04	
57	B55541 (LHA)	0.5	1.0	29,000	9:22	14 46 03	+01 53 39	1.17	-37
58	"	"	"	19,700	9:25				
59	"	"	"	21,500					
60	"	"	"	24,657	9:26			1.17	
61	"	"	"	24,657	9:26			1.17	
62	B55618 (comp)	.15	"	29,600	9:34	15 10 3:42	+47:41:26	1.05	
63	"	.75		37800					
64	"	.75		26200					
65	"	.75							
66	"	.75							
67	"								
68	"								
69	"	.75		20000	9:44			1.04	00:32
70	"	.75							
71	B55534 (comp)	4	1	46500	10:00	14 50 06	+23 55 24	1.01	saturn h
72	"			37800					
73	"			36500					
74	"								
75	"			33900	10:06			1.01	
76	1996 B2	40	.25	33700	10:18	14 40 30	+43 23 05	1.02	00:24

W FIELD
 A ***

Telescope: 61"

Focus: 1980

Sheet #: 1

Frame prefix:

Date: MAR 22/23

Iris:

Humidity:

Observers: HICKS, FINK, COLLINS

FRI

Tailpiece:

Temp:

Guidepoint:

Balance:

Exp. #	Object	Exp. time	Filter (slit)	Counts: Peak/Phot	UT time Start	RA α	Dec δ	SecZ	Comments: seeing, moon, LHA, VME crashes, clouds, etc.
608	1996 BZ	30	H ₂ O†	3K	5:48				
009	"	300	"		5:52	14:47:02	+25:51:00	1.74	LHA -4:13
X	TO MOVE COMET TOWARDS					EDGE RA - 00:00:16			DEC -00:04:10
010	"	"	"		6:05	14:50:05	+23:53:35	1.63	LHA -4:00
X	TO MOVE TO SKY FROM					COMET RA +06:08:00			DEC +2:00:00
011	SKY	300	"		6:14	14:54:41	+27:58:31	1.60	
012	1996 BZ	300	"		6:23	14:56:31	+26:01:	1.50	
013	SKY	300	"		6:32	14:54:29.90	+28:07:23.8	1.47	
014	1996 BZ	"	"		6:41	14:46:28	+26:11:34	1.40	
015	SKY	11	"		6:49	14:54:27	+28:15:47	1.39	LHA -3:23
016	BS 5534	5.0	H ₂ O†		6:58	14:56:07	+23:56:45	1.36	200x200 - not found
017	BS 5534	5.0	"		7:01	14:50:07	+23:56:45	1.34	full array bin 2x2
018	BS 5534	5.0			7:02	14:50:07	+23:56:45	1.33	400x400 - still off orbit
019	BS 5534	10.0	"		7:05	14:50:07.25	23:55:40.6	1.32	
020	BS 5534	10.0	"		7:06	14:50:07.25	23:54:46.7	1.32	
021	BS 5534	10.0	"		7:08	14:50:07.25	23:54:46.8	1.31	

Frame prefix:

W FIELD
ASKY

Telescope: 61"

Focus: 1980

Sheet #: 2

Date: MAR 22/73

Iris:

Humidity: 65%

Observers: HICKS, FINK, COLLINS FRI

Tailpiece:

Temp: 33/37

Balance:

Guidepoint:

Exp. #	Object	Exp. time	Filter (slit)	Counts: Peak/Phot	UT time Start	RA α	Dec δ	SecZ	Comments: seeing, moon, LHA, VME crashes, clouds, etc.
022	BS 5534	10.0	6250C		7:10	14:50:07.24	+23:54:46.6	1.30	
023	BS 5534	10.0	"		7:13	14:50:07.24	+23:54:46.7	1.29	
024	BS 5534	10.0	"		7:14	14:50:07.25	+23:54:46.8	1.29	
025	1996 B2	300	"		7:17	14:46:27.7	+26:31:10.7	1.25	400x400-mistake
026	1996 B2	300	"		7:25	14:46:26.06	+26:35:20.2	1.22	
027	SKY	300	"		7:32	14:54:24.39	+28:39:23.9	1.21	
028	1996 B2	300	6250		7:41	14:46:23	+26:44:05	1.17	-2:23
029	SKY	300	"		7:49	14:54:21.5	+28:48:12	1.17	OBJECT NAME WRONG IN HEADER
030	1996 B2	300	"		7:58	14:46:20	26:53:08	1.13	-2:06
031	SKY	"	"		8:06	14:54:18	28:57:27	1.13	
032	1996 B2	"	MA0		8:15	14:46:17	27:02:31	1.10	
033	BS 5534	10	"		8:26	14:50:06		1.09	
034	"	30	"		8:27	14:50:05	23:55:01	1.06	
035	"	30	"		8:27			1.09	
036	"	1.0	C2		8:35			1.08	
037	"	10	C2		8:37			1.08	
038	"	10	C2		8:38			1.08	
039	1996 B2	200	C2	>20K	8:43	14:46:32	27:23:05	1.05	EXP too long

040 " 200 CN >20K 8:

1.04

Frame prefix: FR96B

Telescope: 61"

Sheet #: 1

Date: MAR 22/23
FR1

Focus: 353φ
Iris:
Tailpiece: 199
Balance:

Humidity:

Observers: Hicks Fink Collins

Temp:

Guidepoint: 394.2, 395

Exp. #	Object	Exp. time	Filter (slit)	Counts: Peak/Phot	UT time Start	RA α	Dec δ	SecZ	Comments: seeing, moon, LHA, VME crashes, clouds, etc.
001	1996 B2	2.10	B		10:23	14:46:12	28:19:01	1.00	
X	LOADS OF COUNTS, WE TAKE SPECTA AT 0.5, 0.25, 0.15 μm								
X	WE BREAK FOR COMP/STD AND OFFSET DOWN TALL								
002	"	"	"			14:45:54	29:04:34	1.00	
002	OFFSET AGAIN								
003	"	"	"		11:50	14:45:53	29:07:24	1.09	HEADER WR06
X	MARCH 23/24 HICKS FINK COLLINS FLORES								
X	WE SET UP TO FOCUS LOW FAST CLOUDS OVER US								
X	with spec at column 379.8, CENTROID 393.24, 394.32								
X	" " " 359, " 393.19, 427.82								
X	OTHER END 394.64 358.94								
X	CLOUDS COME WE PAUSE, AT 7:02 WE RESUME 22/27 °!								
X	REFOCUS MOVE TO END OF SLIT								
X	" " " 361, CENTROID 342.9 427.0								
X	" " " 404 394.15 357.31								
004	46 B2	2.0	B/D ₁		8:10	14:46:20	42:17:40	1.09	
005	"	2.0	"		8:43	14:41:04	42:34:58	1.05	SP96Bφ52

