

60 inch Telescope Log
 Observer: P. Berline & M. Calkins
 PI: Kenny & McClintock & Garcia
 Spectrograph: FAST
 Grating: 300L + 1200L
 Date: 4/2/98
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	BIAS				0s	
11-20	FLAT				6s	
21-30	BIAS				0s	
31-40	FLAT				12s	
41-50	FLAT				20s	1.1" slit
51-60	FLAT		$\gamma_c = H\alpha$		30s	1200L; 2" slit; tilt = 310
61-70	FLAT				6s	300L; 3" slit; normal set-up
71-75	SKY	zenith		S7	2s	
76	COMP			↑	6s	clear skies!
77-79	RWAur	05:07	+30:24	12	5s, 30s	
80	COMP			↑		
81-82	DR Tau	04:47	+16:58	12	12s, 90s	
83	COMP			↑		
84-85	DR Tau	04:27	+26	12	30s, 3m	
86	COMP			↑		
87	Hiltner 60	06:42	+02	S6	45s	
88	COMP			↑		
89	COMP			↓		1.1" slit
90-91	HD 245770	05:38	+26:18	77	30s	↓
92-93	HD 39478	05:53	+26:25	77	25s	
94	COMP			↑		
95-98	J0421	04:19:42	+55:59:58	65	5-10s	Wow!!! → 300L; 2" slit
99	COMP			↑		
100-113	J0421 & unnamed			65	1-5s	test exposures; 1200L; 2" slit
114	COMP			↓		
115-510	J0421	10exp; COMP	10exp; COMP	10exp...	2s	1200L; 2" slit; $\gamma_c = H\alpha$
511-515	FLAT				30s	"

60 inch Telescope Log

Observer: PB MLPI: GretterSpectrograph: FASTGrating: 3W2Date: 4/2/98Page: 6152

Number	Object	R.A.	Dec.	L/R	Exp	Comments
516	g1367.1353.701	11:32	+20:02	64	6m	3" slit, 3W2g; H ₂
517	COMP			↑		normal set-up
518	.1406.2526	11:31	+20:14	64	4m	em
519	COMP			↑		
520	.2528	11:32	+20:09	64	5m	
521	COMP			↑		
522	.2557	11:43	+20:16	64	4m	
523	COMP			↑		
524	.2520	11:43	+20:11	64	4m	em
525	COMP			↑		
526	.2565	11:44	+20:07	64	2m	
527	COMP			↑		
528	.2558	11:32	+20:02	64	5m	em
529	COMP			↑		
530	.2608	11:41	+19:57	64	2m	
531	COMP			↑		
532	.2610	11:42	+19:58	64	5m	
533	COMP			↑		
534	.2618	11:42	+20:05	64	2m	
535	COMP			↑		
536	.2629	11:43	+20:04	64	2m	
537	COMP			↑		
538	.2634	11:44	+19:58	64	2m	* in slit to W
539	COMP			↑		
540	.2646	11:47	+19:56	64	2m	
541	COMP			↑		
542	.2647	11:48	+20:10	64	2m	
543	COMP			↑		
544	.2650	11:50	+20:10	64	90S	
545	COMP			↑		

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Observer: PB MCPI: GrellerSpectrograph: FASTGrating: 300LPage: 6153Date: 4/2/98

Number	Object	R.A.	Dec.	L/R	Exp	Comments
546	a1367.M06.2664	11:33	+19:44	64	3m	
547	COMP			↑		
548	.2669	11:36	+19:48	64	2m	
549	COMP			↑		
550	.2690	11:43	+19:53	64	3m	
551	COMP			↑		
552	.2702	11:44	+19:44	64	3m	
553	COMP			↑		
554	.2705	11:44	+19:52	64	3m	
555	COMP			↑		
556	.2708	11:44	+19:47	64	2m	
557	COMP			↑		
558	.2710	11:44	+19:43	64	3m	
559	COMP			↑		
560	.2715	11:45	+19:50	64	2m	
561	COMP			↑		
562	.2722	11:46	+19:47	64	2m	
563	COMP			↑		
564	.2728	11:47	+19:50	64	90s	
565	COMP			↑		
566	.2757	11:53	+19:45	64	4m	
567	COMP			↑		
568	.2752	11:54	+19:32	64	4m	
569	COMP			↑		
570	.2760	11:43	+19:36	64	4m	
571	COMP			↑		
572	.2764	11:43	+19:37	64	3m	
573	COMP			↑		
574	.2772	11:44	+19:31	64	2m	
575	COMP			↑		

60 inch Telescope Log

Observer: PB MC

PI: Gretter

Spectrograph: FAST

Grating: 300L

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
576	a1367.1406.277	11:45	+19:36	64	90s	
577	COMP			↑		
578	.2785	11:45	+19:31	64	3m	
579	COMP			↑		
580	.2820	11:43	+19:23	64	3m	
581	COMP			↑		
582	.2826	11:45	+19:23	64	5m	
583	COMP			↑		
584	.2828	11:45	+19:23	64	3m	
585	COMP			↑		
586	.2871	11:43	+19:05	64	2m	
587	COMP			↑		
588	.2876	11:46	+19:06	64	90s	
589	COMP			↑		
590	.2909	11:47	+18:55	64	2m	
591	COMP			↑		
592	.3035	11:42	+18:24	64	3m	
593	COMP			↑		
594	.3057	11:42	+18:19	64	4m	em
595	COMP			↑		
596	.3115	11:36	+17:53	64	2m	
597	COMP			↑		
598	.3130	11:44	+17:52	64	8m	LSB em
599	COMP			↑		
600	.3145	11:55	+18:01	64	3m	
601	COMP			↑		
602	.3165	11:36	+17:38	64	3m	to m slit to E
603	COMP			↑		
604	.3172	11:39	+17:42	64	90s	
605	COMP			↑		

7:50
9:10 1:30

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60 inch Telescope Log
 Observer: PB MC
 PI: Geller & Kirchner
 Spectrograph: FAST
 Grating: 3WR
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
606	a1367.1406.3174	11:40	+17:43	64	10s	
607	COMP			↑		
608	.3176	11:40	+17:47	64	7m	LSB em
609	COMP			↑		
610	.3188	11:45	+17:44	64	2m	
611	COMP			↑		
612	.3211	11:40	+17:27	64	90s	
613	COMP			↑		
614	.3226	11:55	+17:29	64	4m	
615	COMP			↑		
616	.3238	11:33	+17:23	64	7m	
617	COMP			↑		
618	.3251	11:44	+17:18	64	6m	
619	COMP			↑		
620	.3296	11:39-	+17	64	90s	
621	COMP			↑		
622	.3371	11:37	+16:52	64	90s	
623	COMP			↑		
624	.3344	11:39	+16:57	64	4m	was; blue Belmer abs
625	COMP			↑		+em.
626	.3370	11:56	+17:01	64	4m	
627	COMP			↑		
628	COMP			↓		bm by Z
629, 631	SN 1998 S	11:46	+17:28	2	5m	
632	COMP			↑		
633-634	H244	13:21	-17:6	56	90s	
635	COMP			↑		
636	SN. NGC 4704	12:48:47	+41:55:28	2	15m	
637	COMP			↑		

60 inch Telescope Log
 Observer: PB MC
 PI: Carter
 Spectrograph: FAST
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
638	SN 1997eg	13:11	+72:55	Z	15m	
639	COMP			↑		
640	NGC 4051	12:03	44:31	#6	2m	Bin by 4
641	Comp			↑		
642	NGC 4151	12:10	+92:4	#6	30s	
643	Comp			↑		
644	NGC 4258	12:18	47:18	#6	2m	
645	Comp			↑		
646	MRK 279	15:53	69:18	#6	3m	
647	Comp			↑		extended emission-H α
648	13076p7912	13:08	+78:56	68	20m	LSB; also previously observed
649	COMP			↑		NO sup k's! ; OK!
650	NGC 558	14:15	+25:22	6	2m	low cz
651	COMP			↑		
652	NGC 1755	12:53	52:03	#75	5m	
653	Comp			↑		
654	Z011682	12:54	27:18	#75	4m	
655	Comp			↑		
656	Z013742	12:54	28:22	#75	4m	
657	Comp			↑		
658	Z013741	12:54	27:04	#75	3m	
659	Comp			↑		
660	Z013745	12:55	27:47	#75	3m	
661	Comp			↑		
662	Z006253	12:57	27:27	#75	2.5m	
663	Comp			↑		
664	Z005401	12:56	26:29	#75	4m	
665	Comp			↑		
666	Z011687	12:57	26:30	#75	4m	
667	Comp			↑		

60 inch Telescope Log
 Observer: PB MC
 PI: Kenyon
 Spectrograph: FAST
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
668	2013749	12 57	28 10	#75	2m	
669	comp			↑		
670	2008579	12 58	26 51	#75	2m	
671	comp			↑		
672	HBC270	16:49	-14:22	74	5s	
673	comp			↑		
674	HBC656	16:46	-15:14	74	10s	
675	comp			↑		
676	HBC638	16:26	-24:20	74	2m	
677	HBC636	16:25	-24:51	74	2m	
678	comp			↑		
679	HBC637	16:26	-24:23	74	90s	
680	HBC638	16:26	-24:20	74	2m	
681	comp			↓		
682	HBC639	16:26	-24:20	74	2m	check coords see chart
683	HBC642	16:27	-24:40	74	4m	
684	comp			↑		
685	HBC640	16:27	-24:51	74	6m	NW*
686	HBC641	16:27	-24:51	74	4m	SE*
687	comp			↑		
688	HBC643	16:28	-24:22	74	2m	
689	HBC647	16:32	-24:40	74	2m	
690	comp			↑		
691	HBC644 NW	16:31	-24:04	74	1m	
692	HBC644 SE	16:31	-24:04	74	2m	+ + E
693	comp			↑		
694	HBC648	16:32	-24:42	74	4m	
695	comp			↑		
696	HBC286	16:21	-26:42	74	1m	
697	comp			↑		

60 inch Telescope Log
 Observer: PB MC
 PI: Kenyon
 Spectrograph: FAST
 Grating: 302
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Number	Object	R. A.	Dec.	L/R	Exp	Comments
698	HBC 259	16:25	-24:20	74	30s	
699	WMP			↑		
700	HBC 260	16:28	-24:28	74	30s	
701	WMP			↑		
702	HBC 268	16:31	-24:47	74	15s	
703	WMP			↑		
704	SN 1998U	18:22	+15:42	2	15m	
705	WMP			↑		
706	HBC 273	17:10	-27:15	74	20s	
707	WMP			↑		
708	HBC 658	17:15	-20:56	74	2m	
709	HBC 699	17:16	-20:57	74	5m	
710	WMP			↑		
711	HBC 660	17:16	-20:54	74	5m	
712	HBC 661	17:16	-20:57	74	3m	
713	WMP			↑		
714-716	XXOph	17	-6	65	5s	
717	WMP			↑		
718	NS 866	15:03	+55:57	57	4m	
719	WMP			↑		
720	NS 846	15:03	+01:47	57	3+m	
721	WMP			↑		
722-723	BDp 357642	15:50	+33	56	1m	
724	WMP			↑		
725-726	AG Dra	16:01	+66:48	12	20, 2s	
727	WMP			↑		
728-38	Bias				0s	3" slit
729-748	Flat				6s	3" slit
750-60	Flat				8s	2" slit 748-757
761-71	Bias	BN	B4 2		6s	758-767

762-771 FLAT

Calculated 2" NOT → 3" slit b/c by 2.768-777

Perry says they are 3" ★ End of FAST Run ★