

Palomar DBSP Observing Log

Avishay

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weather: cloud / fine

observer: Moon / cent

calendar date: 11/18/04

note: CCCP

#	object	t _{int}	filter	air mass	local time	UTC	Note
1	spe. focus	5	Helium/blue		15:15		[GNAP, ARC.S = SKY
2	blue bias	0	off				min = 3000, max = 7000 collimator = 400, FWHM = 5.5
3	spee focus	5	Helium				↑ focusing the spectrograph ↓ Snap collimator = 440 → 5 pixels: 2140 - 2200
4	"	"	"				collimator = 400
5	"	"	"				↓ Snap collimator = 350 → look at one line & see the change of FWHM
6	spec. focus	1	Fe-Ar/Red				→ line 500 - 550 FWHM =
7-8	bias/expose	0					7 → blue / 8 → red.
9-10	"	0					odd blue, even red
11-12	-	0					
13-14	-	0					
15-16	-	0					
17-18	-	0					
19-20	-	0					
21	wishlamp	20	camera 1				dome flat, snap
22-31	dome flat	20					fseries CTS ≈ 450
32	dome flat	2	camera 2 / red		17:15		snap CTS ≈ 550
33-42	"	2	"				fseries
	lamp off						
43	Fe-Ar/ARCS	120	camera 1				ARC.S (sky).
44	Ne-Ar/ARCS	2	"	2			"

Palomar DBSP Observing Log

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weather:

observer: Morn / Lenko

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#	object	t _{int}	filter	air mass	local time	UTC	Note
45	BD+17418	20	camera 1	1.04	18:30		SNAP STANDARD / APERT
46	"	5	" 2				SNAP "
47	Fe-Ar	120	camera 1				SNAP ARCS / SKY.
48	Ne-Ar	2	" 2				" " "
49-50	SN2004em	900					EXPOSE
51	Fe-Ar	120	camera 1		19:05		SNAP, ARCS / SKY
52	Ne-Ar	2	" 2		19:10		" "
53-54	SN2004et	200		1.27	19:15		EXPOSE
55-56	"	"	" "				
57	Fe-Ar	120	camera 1		19:27		SNAP, ARCS / SKY
58	Ne-Ar	2	" 2				SNAP, ARCS / SKY
59-60	SN2004du	900	" 1	2 1.20	19:40		EXPOSE " / APERT
61-62	"	"	" "		19:57		" "
63-64	"	"	" "		20:15		" "
65	Fe-Ar	120	cam 1		20:32		SNAP ARCS / SKY
66	Ne-Ar	2	cam 2	"	"	"	" "
67-68	SN2004fe	900	cam 1, 2	1.2	20:45		9 EXPOSE ARCS / APERT
69	Fe-Ar	120	cam 1		21:03		SNAP
70	Ne-Ar	2	cam 2				SNAP
71-72	SN2004ex	900	cam 1, 2	1.2	21:15		EXPOSE
73	Fe-Ar	120	cam 1		21:31		SNAP
74	Ne-Ar	2	cam 2				SNAP
75	HD 19445	20	cam 1	1.06			SNAP STANDARD SOURCE
76	"	5	cam 2	"			SNAP "
77-78	SN2004ek	900	cam 1, 2	1.02			EXPOSE ARCS / APERT

refer to the obs.
of 11/19/04.
the pointing could be wrong

Palomar DBSP Observing Log

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weather:

observer: Moun / Cant

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#	object	t _{int}	filter	air mass	local time	UTC	Note
79	Fe-Ar	120	cam 1		22:10		SNAP, ARC.S
80	Ne-Ar	2	cam 2				" "
81,82	SN2004fc	600	cam 1,2	1.4	22:18		expose, ARC.S / APERT.
83,84	"	"	"		"		"
85	Fe-Ar	120	cam 1				SNAP, ARC.S / SKY
86	Ne-Ar	2	cam 2				" "
87,88	SN2004ev	900	cam 1,2	1.3	22:50		expose ARC.S / APERT
89	Fe-Ar	120	cam 1		11:10		SNAP, ARC.S / SKY
90	Ne-Ar	2	cam 2				" "
91	HD 19445	20	cam 1	1.2	1:30		SNAP, ARC.S / APERT, STE
92	"	5	cam 2	"	"		" "
93	Fe-Ar	120	cam 1				SNAP, ARC.S / SKY
94	Ne-Ar	2	cam 2				" "
95,96	Quest SN	900	cam 1,2	1.13	1:45		expose, ARC.S / APERT
97,98	"	"	"	"	"		"
99	Fe-Ar	120	cam 1		2:22		Snap, Arc,s / sky
100	Ne-Ar	2	cam 2				" "
101,102	SN2004ff	900	1,2	2.0	2:30		expose, Apert / observe
103	Fe-Ar	120	cam 1		2:50		snap, Arc,s / sky
104	Ne-Ar	2	cam 2				" "
105,106	SN2004fx	900	1,2	1.6	3:00		expose, Apert / observe
07,108	107	"	"	1.65	3:15		" "
109	108 Fe-Ar	120	2 1		3:35		snap, Arc,s / sky
110	109 Ne-Ar	2	2				
111	110 HD 19445	20	1	2.0	3:40		snap, Apert / observe

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page: 1

weather:

observer: Moon & Center

calendar date: 2004 11 19

note: cccp

#	object	t_{int}	filter	air mass	local time	UTC	Note
201	HD19445	20	Cam 1	1.0	10:50		Flux calib, apert lobs
202	"	5	2				" "
203	Fe-Ar	120	1				Blue Arcs, skylarcs
204	Ne-Ar	2	2				Red Arcs, " "
205-206	SN2004ex	900	1,2		11:00		apert lobs
207	Fe-Ar	120	1		11:30		Arcs, skylarcs
208	Ne-Ar	2	2				" "
209,210	SN2004fz	600	1,2	1.1	11:40		apert lobs
211	Fe-Ar	120	1		11:55		Arcs, skylarcs
212	Ne-Ar	2	2				" "
213	HD 19445	20	1	1.05	12:00		Flux calib, apert lobs
214	" "	5	2				" "
215,216	Quest-SNI	900	1,2				
215	Fe-Ar	120	1		12:05		Arcs, skylarcs
216	Ne-Ar	2	2				" "
217,218	Quest-SNI	900	1,2	1.0	12:10		apert lobs
219,220	" "	" "	" "				" "
221	Fe-Ar	120	1		12:50		Arcs, skylarcs
222	Ne-Ar	2	2				" "
223,224	SN2004ff	900	1,2	1.7	1:00		apert lobs
225	Fe-Ar	120	1		1:20		Arcs, skylarcs
226	Ne-Ar	2	2				" "
227	G191B2B	20	1	1.1			Flux calib, apert lobs
228	" "	5	2				" "
229	Fe-Ar	120	1		1:30		Arcs, skylarcs
230	Ne-Ar	2	2				" "

11/18/04 CCCP: Moon & ~~Great~~ Cent.

- check the set up / slitwidth: dependent on seeing !!!
- biases: $t_{exp} = 0$, 'exposure' red & blue
9 times each

- dome flats: t_{exp} : $\left\{ \begin{array}{l} 2 \text{ sec for red side} \\ 20 \text{ sec " blue side.} \end{array} \right.$

Lon &

off may be 9 times each

exposure / 'fseries'

- arcs: Net Ar: 2 sec for the red side
Fe-Ar (Hollow Cathode) for blue: 120 sec.

↳ ID lines & verify the wavelength coverage

Blue: 4200 - 5600 Å

Red: 4800 - 9400 Å

• Extract

image: subtract bias: extract: display
(SNPA) (ISUB) (extract) (spplot)