

OBSERVING LOG

TELESCOPE : DuPont
INSTRUMENT : WFCCD
CONFIGURATION : TYPHOON
OBSERVER : Dylan
NIGHT ASSISTANT: Sergio

DATE : November 06/07 2018
NIGHT: 8 of 14
PAGE : 1 of 4
WEATHER: clear

File	Object	UTstart	Expsec	Filter	Airmass	Aper	Seeing	Comments
8001-8008	bias	18:25	8x0					
8009	slitimage	18:40	1	V		150um		Lamp @ 390 V
8010	"	18:41	"	"		750um		"
8011	hrtm	18:43	4	V		hart		"
8012-8014	dflat	18:46	3x4	V		open		Lamp @ 390 V, counts ~16k
8015-8017	"	18:52	3x4	R		"		Lamp @ 340 V, counts ~22k
8018-8020	"	18:58	3x4	B		"		Lamp @ 480 V, counts ~17k
8021	slitimage	19:04	10	V		150um		Lamp @ 390 V, longer Expsec than above y=2200, x=1422.3, x_wflip = 2642.7
8022	"	19:06	4	"		750um		Lamp @ 390 V, longet Expsec than above y=2200, x=1434.51, x_wflip = 2630.49
8023-8025	dflat	19:08	3x80	grism		150um		Lamp @ 480 V
8026-8028	"	19:16	3x20	grism		750um		"
8029-8031	"	19:22	3x50	grism		hart		"
8032	arcs	19:30	30	grism		150um		HeArNe arc lamps
8033	"	19:32	60	"		"		"
8034	"	19:35	90	"		"		"
8035-8037	dark	19:43	3x600	-		-		lamps off
8038	LTT 9239	23:32	3	V		open		Standard, saturated image
8039	bias	23:34	0					Clearing memory via bias frame
8040	LTT 9239	23:44	3	V	1.028	open	1.21	
8041	"	23:51	"	"		750um		Checking if Standard in slit
8042	"	23:53	180	grism		"		
8043	arcs	23:58	30	grism		150um		HeArNe arc lamps
8044	NGC 253		20	V		open	1.50	Cass to 144.5, align to ccd7064 from previous night; slew by 15.5W, 20.6N
8045	"	00:14	"	"		"		9.1 E, 13.9 N

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8046	"	00:19	"	"	1.138	"	1.26	cobj needed cass to be 144.5; 6.7E, 9.4S
8047	"	00:23	"	"	1.128	"	1.11	Alignment good, only 0.6W, 1.8N
8048	"	00:26	600	grism	1.121	150um		765.8
8049	"	00:38	"	"	1.097	"		755.5
8050	"	00:49	"	"	1.077	"		745.2
8051	"	01:01	"	"	1.059	"		734.9
8052	"	01:12	"	"	1.045	"		724.6
8053	"	01:24	"	"		"		714.3
8054	"	01:35	"	"	1.022	"		704.0
8055	"	01:47	"	"	1.014	"		693.7
8056	"	01:59	"	"		"		683.4
8057	"	02:10	"	"		"		673.1
8058	"	02:22	"	"	1.003	"		662.8
8059	"	02:33	"	"		"		652.5
8060	"	02:45	"	"		"		642.2
8061	"	02:56	"	"	1.010	"		631.9
8062	"	03:08	"	"	1.016	"		621.6
8063	"	03:19	"	"	1.025	"		611.3
8064	"	03:31	"	"	1.035	"		601.0
8065	"	03:42	"	"		"		590.7
8066	NCG 253		20	V		open		580.4; end frame/position for the night
8067	LTT 377		3	V		open		Standard; From ccd7065, RA: 00:41:43.5 Dec: -33:41:00.1; Cass back to 180 slew to slit by 2.4E, 3.4N
8068	"	04:03	"	"		"	1.69	current offset to slit: 0.0 E, 2.6 S

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8069	"	04:07	3	V	1.088	750um		Checking if Standard in slit, might have picked wrong star
8070	"		3	V		open		1.2W, 1.6S
8071	"	04:14	3	V	1.102	open		0.4E, 0.8N
8072	"	04:17	3	V	1.106	750um		Standard in slit; saturated pixel at center but probably not issue for spectra
8073	"	04:20	180	grism		750um		
8074	arcs	04:25	30	grism		150um		HeArNe arc lamps
8075	NGC 1566	04:30	20	V	1.157	open	1.36	Finding nucleus, 1.3E, 0.2N Use for align to ccd7098 from prev. night for Typhoon, 68.1E, 82.5N
8076	"	04:34	20	V	1.152	150um		Nucleus in slit
8077-8079	"	04:36	3x200	grism	1.150	"		
8080	"		20	V		open		slew 2.2W, 1.9N
8081	"	04:55	"	"	1.134	"		slew 1.0E, 0.1S
8082	"	04:58	"		1.132	"	1.36	at 0.2W, 1.1N of ref image from prev night
8083	"	05:00	600	grism	1.130	150um		742.4
8084	"	05:12	"	"		"		732.1
8085	"	05:24	"	"	1.117	"		721.8
8086	"	05:35	"	"	1.113	"		711.5
8087	"	05:47	"	"	1.111	"		701.2
8088	"	05:58	"	"		"		690.9
8089	"	06:10	"	"		"		680.6
8090	"	06:21	"	"	1.114	"		670.3
8091	"	06:33	"	"	1.118	"		660
8092	"	06:44	"	"	1.124	"		649.7
8093	"	06:56	"	"	1.131	"		639.4

