

OBSERVING LOG

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

DATE : November 12/13 2018
NIGHT: 14 of 14
PAGE : 1 of 4
WEATHER: clear, seeing ~3"

File	Object	UTstart	Expsec	Filter	Airmass	Aper	Seeing	Comments
5001-5008	bias		0x8	-		-		
5009	slitimage	20:04	10	V		150um		Lamp @ 390 V, y=2200, x=1422.57, x_wflip= 2642.43
5010	"	20:06	4	V		750um		Lamp @ 390 V, y=2200, x=1434.72, x_wflip= 2630.28
5011	hrtm	20:07	4	V		hart		Lamp @ 390 V
5012-5014	dflat	20:09	3x4	V		open		Lamp @ 390 V
5015-5017	"	20:14	3x4	R		open		Lamp @ 340 V
5018-5020	"	20:18	3x4	B		open		Lamp @ 480 V
5021-5023	"		3x80	grism		150um		"
5024-5026	"	20:32	3x20	grism		750um		"
5027-5029	"		3x50	grism		hart		"
5030-5032	dark		2x600	-		-		lamps off
5033-5035	arcs	22:18	30/60/90	grism		150um		HeArNe Arcs, at zenith
5036-5038	"	22:54	"	"				HeArNe Arcs, at screen
5036	bias		0	-		-		saturated detector with focus sequence
5037	focus		3	V		open		testing sky level
5038	"		4	V		"		doing focus
5039	"		3	V		open		checking sky levels; better now
5040-5042								playing with exposures, keeping current focus
5043	LTT 9239		3	V		open		
5044	"	00:02	"	"		"		0.9E,0.4S
5045	"	00:04	"	"		"		0.9W, 1.3N, can't get better slit position with current seeing ~2-2.5"
5046	"	00:06	3	V		750um		Checking for standard in slit, looks better
5047	"	00:08	180	grism		750um		
5048	arcs	00:12	30	grism		150um		

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5049	NGC 253	00:17	20	V		open	2.90	Aligning to ccd4061 from prev. night (that sequence was itself was started at ccd7140 from october), cass = 145; 1.1W, 8.0N
5050	"	00:21	"	"		"		1.8W, 0.6; guiding isn't great right now, so it will be difficult to get better than 1" with reference image
5051	"	00:24	"	"		"		1.3E, 1.1N; alignment between images in DS9 looks good enough; can't do much better with seeing ~3"
5052	"	00:27	600	grism		150um		770.6
5053	"	00:39	"	"		"		760.3
5054	"	00:50	"	"		"		750.0
5055	"	01:02	"	"		"		739.7
5056	"	01:13	"	"		"		729.4
5057	"	01:25	"	"		"		719.1
5058	"	01:36	"	"		"		708.8
5059	"	01:48	"	"		"		698.5
5060	"	01:59	"	"		"		688.2
5061	"	02:11	"	"		"		677.9
5062	"	02:22	"	"		"		667.6
5063	"	02:33	"	"		"		657.3
5064	"	02:45	"	"		"		647.0
5065	"	02:57	"	"		"		636.7
5066	"	03:08	20	V		open		626.4, end frame for the night; seeing have improved at other telescopes for the last few steps, likely also at duPont
5067	LTT 377	03:11	3	V		open		cass back to 180 deg, 5.5E, 8.4S

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5068	"	03:15	"	"		"		2.9W, 1.1N
5069	"		"	"				1.9W, 2.4S; can't do much better with seeing
5070	"	03:17	"	"	1.051	750um		Checking if inside slit, looks okay
5071	"	03:19	180	grism		750um		
5072	arcs	03:24	30	grism		150um		HeNeAr Arcs
5073	NGC 1566	03:27	20	V		open		Aligning to ccd2093 from ut20181109_10, 3.1W, 5.9S
5074	"	03:30	"	"	1.200	"		0.4W, 0.4S, good match
5075	NGC 1566		600	grism		150um		859.4
5076	"	03:45	"	"		"		849.1
5077	"	03:57	"	"		"		838.8
5078	"	04:08	"	"		"		828.5
5079	"	04:20	"	"	1.142	"		818.2
5080	"	04:31	"	"		"		807.9
5081	"	04:43	"	"	1.126	"		797.6
5082	"	04:54	"	"		"		787.3
5083	"	05:05	"	"		"		777.0
5084	"	05:17	"	"		"		766.7
5085	"	05:28	"	"		"		756.4
5086	"	05:40	"	"	1.111	"		746.1
5087	"	05:52	"	"	1.112	"		735.8
5088	"	06:04	"	"	1.116	"		725.5
5089	"	06:15	"	"	1.121	"		715.2
5090	"	06:26	"	"		"		704.9
5091	"	06:38	"	"	1.135	"		694.6
5092	"	06:49	"	"		"		684.3

