



Date (UT): <u>01/27/2019</u> Night # <u>3 of 3</u> Page # <u>1</u> Observer (s) <u>M. Butler, A Garcia</u> <u>T. Li, D. Tucker</u> Assistant <u>Patricio Ugarte, Carlos Lopez</u> <u>Sean Points</u>	<h2 style="margin:0;">Goodman Spectrograph</h2>	Filter 2f2	Offset																	
Detector: <u>Blue Camera</u> Gain Setting: <u>200kHz ATTN2=ADU</u> X sum <u>2</u> Y sum <u>2</u> Amplifiers _____	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Filter</th><th>Offset</th><th>Filter</th><th>Offset</th></tr> <tr> <td>1f1</td><td></td><td>4f1</td><td></td></tr> <tr> <td>2f1</td><td></td><td>5f1</td><td></td></tr> <tr> <td>3f1</td><td></td><td>1f2</td><td></td></tr> </table>	Filter	Offset		Filter	Offset	1f1		4f1		2f1		5f1		3f1		1f2		3f2 4f2 5f2	
Filter	Offset	Filter	Offset																	
1f1		4f1																		
2f1		5f1																		
3f1		1f2																		

Picture Number	Object Name / type		Airmass	Begin U.T.	Exposure	Tel focus/ Instr Focus	Seeing	FILTER	Grating	Comments
	R. A.	DEC.	Epoch	Begin H.A.		Spect/Direct	Sky cond.	Slit	Center	
1-21	focus					focus = 1600		0.45"	400WD	Sean did the focus best focus = 1600
22-71	dflat			19:16	7sec			1.0"	400WD	dome flat cross (253, 344) GMST (271, 56)
72-76	Hg Comp Hg Ar Ne			19:48	0.3 sec			1.0"	400WD	
77-126	Bias			19:50	0 sec			1.0"	400WD	cross (265, 344)
127	LTT 2415			01:50	30s			1.0"	400WD	↓ This one might be affected by GAPAM arm
128-130	LTT 2415				3x 30s			1.0"	400WD	Use these three
131-133	LTT 2415 comp				3x 0.3s			1.0"	400WD	
134-136	SSSJ 024530.1 - 452406 obj - 139		1.31	02:10	3x 110s			1.0"	400WD	- 680 -
137-139	comp obj - 139-comp			02:20	3x 0.3s			1.0"	400WD	
140	GALEX 035210.35 - 302524.0 obj - 1241		1.27	03:04	185s			1.0"	400WD	Target drifts so take a while to focus Can not stay on this one
141-143	SSSJ 055820.4 - 355653 obj - 254		1.04	03:46	3x 155s			1.0"	400WD	(267, 344) (265, 344)
144-146	comp obj - 254-comp				3x 0.3s			1.0"	400WD	

Date (UT): <u>01/17/2019</u> Night # <u>3 of 3</u> Page # <u>2</u> Observer (s) _____ Assistant _____	<h2 style="margin:0;">Goodman Spectrograph</h2>	Filter	Offset		
Detector : _____ Gain Setting: _____ =ADU X sum _____ Y sum _____ Amplifiers _____	Filter	Offset	Filter		Offset
	1f1		4f1		
	2f1		5f1		
	3f1		1f2		

Picture Number	Object Name / type		Airmass	Begin U.T	Exposure	Tel focus/ Instr Focus	Seeing	FILTER	Grating	Comments
	R.A.	DEC.	Epoch	Begin H.A.		Spect/Direct	Sky cond.	Slit	Center	
147-149	GALAX055628.75-291308.3		1.10	04:03	3 x 185s			1.0"	400WD	
	obj - 1387									
	comp							"	"	
150-152	obj - 1387-comp				3 x 0.3s					
153-155	GALEX055734.73-251420.1		1.14	04:21	3 x 160s			"	"	
	obj - 1390									
	comp							"	"	
156-158	obj - 1390-comp				3 x 0.3s					
159-161	GALEX055826.27-245933.0		1.18	04:36	3 x 120s			"	"	
	obj - 1392									
	comp							"	"	
162-164	obj - 1392-comp				3 x 0.3s					
165+	GWC - 6004		1.07	05:20	200s			"	"	
	obj - 6004									
	comp							"	"	
166-168	obj - 6004-comp				3 x 0.3s					
169-171	GALAX103013.49-205001.8		1.06	05:33	3 x 390s			"	"	
	obj - 1410									
172-174	COMP			0555	3 x 0.3s					
175	GALEX104217.00-211248.5		1.04	0559	1 x 300s					
	obj - 1412									
176-178	GALEX104401.51-210523.7		1.03	0611	3 x 170					
	obj - 1413									

Date (UT): <u>01/27/2019</u>		Goodman Spectrograph				Filter	Offset			
						2f2				
Night # <u>3</u> Page # <u>3</u>		Detector : _____				Filter	Offset			
Observer (s) _____		Gain Setting: _____ =ADU				3f2				
Assistant _____		X sum _____ Y sum _____				4f2				
		Amplifiers _____				5f2				
Picture Number	Object Name / type		Airmass	Begin U.T	Exposure	Tel focus/ Instr Focus	Seeing	FILTER	Grating	Comments
	R. A.	DEC.	Epoch	Begin H.A.		Spect/Direct	Sky cond.	Slit	Center	
179- 181	comp				3 x 0.3					
182	GWC-6015		1.03	0627	1 x 300					
183- 185	comp				3 x 0.3					
186	GWC-6014		1.02	0641	1 x 450					
187- 189	comp				3 x 0.3					
190- 191	GWC-6008		1.01	0704	2 x 900					
192- 194	comp				3 x 0.3					
195- 197	GALEX J112136.04-244007.8 obj 1422		1.01	0747	x110					
198- 200	comp				3 x 0.3					
201	GWC-6012		1.02	08:02	1 x 900					
202- 204	comp				3 x 0.3					
205- 207	GALEX J112728.83-2213043 obj 1423		1.02	08:21	1 x 620					



