

Date (UT): <u>30-31 Oct 2017 (civil)</u>		Goodman Spectrograph				Filter	Offset			
						2f2				
Night # <u>1</u> Page # <u>1</u>		Detector: <u>BLUECAMERA</u>		Filter	Offset	Filter	Offset	3f2		
Observer(s) <u>ALLAM, TUCKER</u>		Gain Setting: <u>200KHz ATINZ 267=ADU</u>		2f1		5f1		4f2		
INST. SCIENTIST: <u>SEAN POINTE</u>		X sum <u>2</u> Y sum <u>2</u>		3f1		1f2		5f2		
Assistant <u>PARRICLO UGARTE / SUAREZ</u>		Amplifiers								
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	
1-17	FOCUS SEQUENCE							0.45"	408WD	best focus = 120"
18	DOME FLAT							1.0"		100% lamp intensity
19-68	DOME FLAT				50x sec					
69	TEST INTERNAL FLAT				7sec					QUARTZ INTERNAL LAMP (7021) (DON'T USE!)
70-74	COMPARISON ARC (H ₂ ArNe)									
75-125	BIAS FRAME 1									
126-128	LTT 7487 (std star)		1.06	23:49						objects of interest are near row 440
129-133	Comparison Arc H ₂ ArNe				5x0.3sec					Clear skies!
134-135	SSST 201842.0 - 611600 obj #262		1.23	00:06	240s 240s					r=17.4 1st image - wrong target 2nd image - also wrong target
136-138	SSST 202557.7 - 495402 obj #264		1.15	00:24	3x160s					probably not a "DA" Gemini firing its laser
139-143	COMPARISON ARC (H ₂ ArNe)				5x0.3sec					files incorrectly named as object
144-142	SSST 202720.8 - 472359 obj #266		1.16	00:44	3x110s					DA! ✓

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Night # 1	Page # 2	Detector: BLUE CAMERA		Filter	Offset	Filter	Offset	Filter	Offset	
Observer(s) ALLAN, TUCKER		Gain Setting: 200 Hz ATAR/2.67=ADU		1f1		4f1		3f2		
INST. SCI.: SEAN POINTE		X sum 2 Y sum 2		2f1		5f1		4f2		
Assistant PARRICLO UGARTE, JUAN ESPINOZA		Amplifiers		3f1		1f2		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	
148-152	Comparison Arc (H ₂ ArNe)				5x0.3s					
153-155	SSST 202113.3-515852 obj #269		1.22	01:03	3x140s					DA! ✓
156-160	Comparison Arc (H ₂ ArNe)				5x0.3s					
161-163	SSST 203744.1-451833 obj #270		1.22	01:23	3x240s					- not a "DA"? 2 objects in slit, we want the one near row 440
164-168	Comparison arc (H ₂ ArNe)				5x0.3s					
169-171	SSST 204645.7-525255 obj 271		1.28	01:46	3x130s					DA! ✓
172-176	Comparison arc (H ₂ ArNe)				5x0.3s					Clear skies!
177-179	SSST 205850.4-623913 obj 273		1.37	02:00	3x150s					filename for exp 177 wrong! DA! ✓
180-184	Comp arc (H ₂ ArNe)				3x0.3s					
185-187	SSST 210400.1-481216 obj 274		1.31	02:20	2x210s					Not a DA.
186-188	SSST 211220.2-441252 obj 276		1.33	02:36	3x210s					DA?
189-193	Comparison Arc (H ₂ ArNe)									

Date (UT): <u>30-31 Oct 2017 (civil)</u>		Goodman Spectrograph						Filter	Offset	
Night # <u>1</u> Page # <u>3</u>		Detector: <u>BLUE CAMERA</u>		Filter	Offset	Filter	Offset	2f2		
Observer(s) <u>ALAN, TULLIO</u>		Gain Setting: <u>200 kHz ATTN/257=ADU</u>		2f1		5f1		3f2		
INST. SCI.: <u>SEAN POINIS</u>		X sum <u>2</u> Y sum <u>2</u>		3f1		1f2		4f2		
Assistant <u>PATRICIA UGARTE, JUAN ESPINOSA</u>		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	
194-196	SSSJ212534.9-542903		1.38	02:56	3x190s					DA?
	obj 278									
197-201	Comp. Arc (H ₂ ArNe)				5x0.3sec					
202	SSSJ214006.1-574335		1.412	03:15	1x170sec					NOT A DA
	obj 284									
203	SSSJ214044.9-572413		1.42	03:23	1x190sec					NOT A DA
	obj 285									
204-206	SSSJ214927.5-575826		1.42	03:32	3x250sec					DA!
	obj 288									
207-211	Comp Arc (H ₂ ArNe)				5x0.3sec					
212-214	SSSJ215419.5-462851		1.50	03:56	3x230sec					DA???
	obj 289									
215-219	Comp Arc (H ₂ ArNe)				5x0.3sec					
220-222	SSSJ230911.9-533812		1.32	04:17	3x210sec					DA!
	obj 314									
223-227	Comp arc (H ₂ ArNe)				5x0.3sec					Shutdown Goodman (left to fix "open shutter")
228	SSSJ231010.5-542826				1x150sec					NOT a DA
	obj 315									
229-231	SSSJ231812.8-543159				3x700s					DA!
	obj 312									

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Night # <u>1</u> Page # <u>4</u>		Detector: <u>BLUE CAMERA</u>		Filter	Offset	Filter	Offset	Filter	Offset	
Observer(s) <u>ALAN, TUCKER</u>		Gain Setting: <u>200kHz AMU2/267=ADU</u>		2f1		4f1		3f2		
Inst. Set: <u>SEAN POINT</u>		X sum <u>2</u> Y sum <u>2</u>		2f1		5f1		4f2		
Assistant <u>PATRICIA UGARTE, JUAN ESPINOZA</u>		Amplifiers		3f1		1f2		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	
232- 236	Comp. Arc (H ₂ ArNe)				5x0.3sec					
237	SSSJ233239.0-440748		1.48	05:31	1x220sec					NOT A DA!
	obj 322									
238- 240	SSSJ234959.4-502850		1.46	05:44	3x150sec					DA!
	obj 327									
241- 250	Comparison Arc (H ₂ ArNe)				10x0.3sec					first 5: focused Ne lamp second 5: includes full H ₂ ArNe
251- 253	ATLASJ001059.34-380657.58		1.48	06:05	3x700sec					DA?
	obj 331									
254- 258	Comparison Arc (H ₂ ArNe)				5x0.3sec					
259- 261	ATLASJ021339.33-275352.26		1.14	06:28	3x750sec					DA!
	obj 360									
262- 266	Comparison Arc (H ₂ ArNe)				5x0.3sec					
267- 269	ATLASJ023937.38-314931.71		1.13	06:52	3x175sec					Magnetic DA?
	obj 369									
270- 274	Comparison Arc (H ₂ ArNe)				5x0.3sec					
275- 277	ATLASJ025145.49-130934.25		1.23	07:10	3x160sec					DA! CLEAR SKIES!
	obj 372									
278- 282	Comparison Arc (H ₂ ArNe)				5x0.3sec					

Date (UT): <u>30-31 Oct 2007 (cont)</u>		Goodman Spectrograph						Filter	Offset	
								2f2		
Night # <u>1</u> Page # <u>5</u>		Detector: <u>BLUE CAMERA</u>		Filter	Offset	Filter	Offset	3f2		
Observer(s) <u>ALLAN TUCKER</u>		Gain Setting: <u>200Hz ATN2/267=ADU</u>		2f1		5f1		4f2		
INST. SCI: <u>SEAN P. MONT</u>		X sum <u>2</u> Y sum <u>2</u>		3f1		1f2		5f2		
Assistant <u>PATRICIO UGARTE, JUAN ESPINOZA</u>		Amplifiers								
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	
283-285	ATLAS J025821.75-104826.88 obj 373		1.29	07:29	3 x 120sec					DA!
286-290	Comparison Arc (Hg Ar Ne)				5 x 0.35sec					
291-293	ATLAS J025950.33-253047.74 obj 374		1.22	07:42	3 x 250sec					DA!
294-298	Comparison Arc (Hg Ar Ne)				5 x 0.35sec					
299-301	ATLAS J032038.58-283438.24 obj 381		1.21	08:02	3 x 250sec					DA!
302-306	Comparison Arc (Hg Ar Ne)				5 x 0.35sec					
307-309	ATLAS J035724.66-215418.50 obj 389		1.18	08:22	3 x 130sec					DA!
310-314	Comparison Arc (Hg Ar Ne)									
315-317	LT 2415 (std star) 05:56:24.2 -27:51:26		1.01	08:38						
318-322	Comparison Arc (Hg Ar Ne)									