

TELESCOPE : M1KE  
 INSTRUMENT : \_\_\_\_\_  
 CONFIGURATION : \_\_\_\_\_  
 OBSERVER(S) : MWR  
 ASSISTANT : \_\_\_\_\_

WEATHER : \_\_\_\_\_  
 TEMPERATURE : \_\_\_\_\_  
 WIND : \_\_\_\_\_

**OBSERVING LOG**  
 Date: Oct 30, 2018  
 Night 1 of 2  
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go from east bank between restaurants (east) using 8300k long pass for slit views  
 1 volume of data clay / M1KE / u1181030\_31

File	Object	UT Start	Exp. Secs	Filter	Airmass	Seeing	Comments
1-10	Bias		10x0				2x1 full, slow 0.5" slit
11	ThAr		10/10				1
12	"		4/4				1
13-22	internal trace flat		10x(4, 10)				15 red light only image taken
23-32	internal w/ly flat		10x(45, 110)				1
33-42	demoflat 84 + rre		10x 250				
43-52	Bias		10x0				2x2 full slow 0.7" slit
<del>53-62</del>	ThAr		2/2				1
54	"		2/4				1
55-64	internal trace flat		10x(2/2)				
65-84	internal w/ly flat		10x(10/10)			0.75"	
85	76439+1634	06:38	3000		1.429	0.85"	2x1 full, slow 0.5" slit
86	"	7:29	3020		1.461	0.70"	1
87	ThAr		10/10				1
88	LTF 2415 standard	08:28	60/60		1.005	0.85"	1
89	"	08:29	300/300			0.60"	
90	ThAr		10/10				
91	P089-15	08:42	1500		1.040	0.55"	
92	ThAr		10				

# OBSERVING LOG

TELESCOPE : Cay  
 INSTRUMENT : M14B  
 CONFIGURATION : MW  
 OBSERVER(S) : MW  
 ASSISTANT : \_\_\_\_\_

WEATHER : \_\_\_\_\_  
 TEMPERATURE : \_\_\_\_\_  
 WIND : \_\_\_\_\_

Date : Oct 31, 2018  
 Night 2 of 2  
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File	Object	UT Start	Exp. Secs	Filter	Airmass	Comments
93	$\downarrow$ ThAr		10		$\downarrow$	$\downarrow$ 2x1 F34, $\Delta_{202}$ 0.5" slit
94-103	internal trace Flt		10 x (4, 20)			
104-113	internal un. 1/4g Flt		10 x (45/114)			
114-123	Ch + DR down Flt		10 x 250			
124-133	Bias		10 x 0			2x2 Flt, slow 0.7" slit
134	ThAr		(2/4)			
135-144	internal trace Flt		10 x (2/2)			
145-164	internal un. 1/4g Flt		20 (10/10)			
165	twilight Flt		<del>20</del> 15			~ 40% un. visible
166	e		<del>20</del> 15			~ 30%
167	e		18			e
168	e	23:01	20			
169			25			
170	twilight un. 1/4g Flt		35			~ 10% un. visible
171			100			~ 30%
172			150			
173			200			
174	ThAr		2/4			

# OBSERVING LOG

TELESCOPE : CM4  
 INSTRUMENT : M14E  
 CONFIGURATION : \_\_\_\_\_  
 OBSERVER(S) : Sam  
 ASSISTANT : George

WEATHER : \_\_\_\_\_  
 TEMPERATURE : \_\_\_\_\_  
 WIND : \_\_\_\_\_

Date : 6/31/2018  
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File #	Object	UT Start	Exp. Secs	Filter	Airmass	Seeing	Comments
179	# <del>M14E</del> high vis. u. 14/14/14	23:21	8		~ 1.600	B54 M=2.8	2x2 for slow 1.0-2.0 s.i.t
180	Fuji 1/0	23:38	80		1.213		
181	Fluor 7		2/4			0.94	
182	Fuji 1/0		180			~ 1.04	2x1 0.54 s.i.t
183	Fluor		10/10				
184	J0114-4129	23:55	1800		1.355	1.04	2x2 found to go off center 0.74 s.i.t
185	"	00:28	1800		1.238	0.8-0.94	
186	Fluor		2/4				
187	F0110-1648	01:03	600		1.183	~ 1"	" Cirrus
188	"	01:14	600		1.153	~ 0.84	"
189	"	01:25	600		1.128	~ 0.74	"
190	Fluor		2/4				
191	F 0111-0316	01:40	600		1.212	~ 0.74	"
192	"	01:50	600		1.186	~ 0.64	"
193	"	02:02	600		1.166	~ 0.654	"
194	Fluor		2/4				
195	F 0119-2010	02:15	600		1.049	~ 0.74	
196	"	02:24	600		1.038	~ 0.584	

# OBSERVING LOG

TELESCOPE : Cery  
 INSTRUMENT : Avnet  
 CONFIGURATION : na  
 OBSERVER(S) : na  
 ASSISTANT : Kerwin / Joon

WEATHER : \_\_\_\_\_  
 TEMPERATURE : \_\_\_\_\_  
 WIND : \_\_\_\_\_

Date : Oct 21, 2018  
 Night 2 of 2  
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File	Object	UT Start	Exp. Secs	Filter	Airmass	Seeing	Comments
197	F0119-2010	02:37	600		1.028	0.55"	2x2 sub, stars, 0.7" slit
198	T <sub>2</sub> A		2/4				
199	<del>F0119-2010</del>						
199	AKS-25-33	02:52	3000		1.023	0.6"	2x1 0.54" slit
200	"	03:45	3000		1.003	0.6"	"
201	T <sub>2</sub> A		10				
202	F0439+1634	04:48	3000		1.665	0.8"	
203	"	05:49	3000		1.452	~0.8"	
204	"	06:30	3000		1.430	~0.9"	
205	"	07:22	3000		1.455	~0.8"	
206	"	08:13	2700		1.584	~0.7"	1.4" and very dim of stars
207	T <sub>2</sub> A		10				
208	HD 49798	09:05	30		1.038		
209	T <sub>2</sub> A		10				