

#	Obs	int time	time	filter	airmass	seeing	Notes
1-10	Darks	S	7:13	OPAQ	-	-	Junk
11	Flat H	S	7:21	H	-	-	@ 450
12-21	Flat H	S	7:21	H	-	-	@ 450
22	Flat H	S	7:24	M	-	-	off
23-32	Flat H	S	7:25	M	-	-	off
33-42	Flat S	S	7:28	S	-	-	off
43	Flat S	S	7:30	S	-	-	@ 650
44-53	Flat S	S	7:31	S	-	-	@ 650
54	Flat K-S	S	7:35	K-S	-	-	@ 380
55-64	Flat K-0	S	7:35	K-S	-	-	@ 380
65	Flat K-S	S	7:38	K-S	-	-	off
66-75	Flat K-S	S	7:39	K-S	-	-	off
76	Junk						check focus
77	Pa12-C Arg.	10	10:31	H	-	-	check focus
78	Arg-foc.	10	10:35	M	-	-	check focus
79	Pa12-C foc.	10	10:36	M	-	-	check focus
80-	check focus		10:37	H	-	-	3x3x30"
80-	Pa12-C	10	10:46	H	1.02	5.9	
88-96	Pa12-C						
	forget to change target to target						
97	Pa12-C	10	10:51	S	1.02	5.2	3x3x30"
106	Pa12-C	10	10:56	K-S	1.02	4.9	3x3x30"

April 20 2013 Obs Anger Weyant OA: Karen ①

#	Obs	Int time	Time	Filter	airmass	Seeing	Notes
115	2013ar	60	<del>60</del>	H	1.07	5.76	Good! 5x5x15"
116-140	2013ar	60	<del>60</del> 11:09	H	1.07	5-6.6-8	5x5x15"
141-	2013ar	60	11:41	S	1.10	5.8-8	

unwrap affected 159-160 ish  
 had to pause script at 160  
 started again and everything looks fine.  
 Accidentally hit observe instead of resume script  
 so it didn't return correctly.

168	CSS130317	60	12:24	H	1.17	5.8	Check foc. 5x5x15"
169-	CSS130317	60	12:26	H	1.18	5.6-6.6	8x3x30"
194	CSS130317	60	12:57	H	1.28	5.3	5x5x15"
197	lost guide star	60	1:12	S	1.34	6	

203	CSS130317	60	1:46	S	1.51	6.1-8	4x4x20"
205	CSS130317	60	1:46	S	1.51	6.1-8	4x4x20"
208	CSS130317	60	1:46	S	1.51	6.1-8	4x4x20"

244	PA12-C	10	2:12	H	1.18	7.25	Check foc. 3x3x30"
245	PA12-C	10	2:12	H	1.18	7.5	3x3x30"
254	PA12-C	10	2:17	S	1.20	7.7	3x3x30"
263	PA12-C	10	2:21	S	1.21	7.7	3x3x30"

#	obs.	int time	time	filter	airmass	seeing	Notes
272	CS5130218	60	2:28	H	1.38	8.07-1	focus + 5x5x15"
298	CS5130218	60	3:04	H	1.59	9-1	4x4x20"
314	P212-C	10	3:26	H	1.44		focus BAD.
315	g16 P212-C	10	3:28	H			to L focus "
317	P212-C	10	3:31	H	1.47	7	3x3x30"
326	P212-C	10	3:35	S	1.50	7.86	3x3x30"
337	P212-C	10	3:39	Ks	1.52	7.56	3x3x30"
344	CS5130415:1304000	60	3:46	H	1.06		focus
345	"	60	3:49	H	1.06		5x5x15"
not much to check focus on in two fields...							
370	move to bright star to check foc.						
371	seeing	60	4:30	S	1.10	9.7	5x5x15"
373	CS5130413:1304	60	4:30	S	1.10		check focus
398	CS5130413:1317	60	5:04	H	1.15	6.9	4x4x20"
399	"	60	5:06	H	1.15		3x3x30"
415	"	60	5:27	S	1.2	7	

#	Obs.	int time	time	filter	counters	secy	notes
424	PSNJ 142115 <sup>+</sup>	60	5:45	H	1.22	-	check focus
425	"	60	5:46	H	1.22	10	4x4x15"
	"	60		S	1.27	13	4x4x15"
457	PSNJ 1717	60	6:33	H	1.01		test fac.
458	"	60	6:30	H	1.01	10	4x4x15"
494	"	60	6:57	S	1.01	8	3x3x30"
433	SNhunt 175	60	7:11	H	1.21	1-9	<del>5x5x15"</del> 4x4x20"
500	SNhunt	60	7:36	S	1.29	7	5x5x15"

ended on 520