

Date HST/UT: 2016-11-6

Weather: clear

Program: OSIRIS Planets

Observers: Konopacky, Barman, Brock, Brown, Macintosh, Wilcomb,

SA/OA: Randy/Julie

Data Dir: /s/sdata1100/osiris1/161106/SPEC

Set #		Frames	Object	PA Used	Filter(s)	Scale	ltime	Coadds	Repeat	Dither obj sky	AO Rate	Sub Int	TT/DM Gain
S			Darks										
I													
UT:		Z:	Comment:										
S			HIP111538										
I					kbb								
UT: 4:08		Z: 1.16	Comment: telluric calibrator, and setting up magic pixel										
S		5	HIP111538	0	kbb	0.02	2	1					
I													
UT:		Z:	Comment: getting organized with telluric calibrator (
S		006 -- 010	HIP111538	0	kbb	0.02	20	1					
I													
UT: 4:27		Z: 1.13	Comment:										
S			kappaAnd		kbb,kn3	0.02	2	1					
I		12 18											
UT: 5:14		Z: 1.25	Comment: a bunch of images for magic pixel, = 508, 502										
S		19	kappaAnd	-36.7	kbb	0.02	600	1					
I													
UT: 5:02		Z: 1.21	Comment: 542,544										
S		20	kappaAnd	-36.7	kbb	0.02	600	1					
I													
UT: 5:16		Z: 1.18	Comment: We think we see something at 10,29 in first 600s exposure, 10,29 --> 9,32 offset										
S		21	kappaAnd	-36.7	kbb	0.02	600	1					

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I													
UT: 5:32		Z: 1.16	Comment: We think we found it at 10.37. offset 10.37-->8.26										
S		22	kappaAnd	-36.7	kbb	0.02	600	1					
I													
UT: 5:45		Z: 1.14	Comment: Don't know if we see anything at 8.26, possibly at 8.27. offset 8.27 --> 9.31										
S		23	kappaAnd	-36.7	kbb	0.02	600	1					
I													
UT: 5:59		Z: 1.13	Comment: found it at 9.31!!!! offset 9.31-->8.36										
S		24	Sky	-36.7	kbb	0.02	600	1					
I													
UT: 6:14		Z: 1.12	Comment: Blank sky										
S		25	sky	-36.7	jbb	0.02	900	1					
I													
UT: 6:27		Z: 1.11	Comment: blank sky										
S			HD 210501	-36.7		0.02	2	1					
I		26			jbb								
UT: 6:48		Z: 1.05	Comment: telluric calibrator										
S			HD 210501	-36.7		0.02							
I		27			jbb		2	1					
UT: 6:51		Z: 1.06	Comment: Star center 550.539. offset 550.539 --> 508.502										
S		28,29,30	HD 210501	-36.7	kbb	0.02	2	1					
I													

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Set #		Frames	Object	PA Used	Filter(s)	Scale	ltime	Coadds	Repeat	Dither obj	sky	AO Rate	Sub Int	TT/DM Gain
UT: 6:53		Z: 1.07	Comment: telluric standards--variable seeing											
S		31	HD210501	-36.7	kbb	0.02	2	1						
I														
UT: 7:02		Z: 1.08	Comment: telluric offset 8.47-->9.13											
S		32	HD 210501	-36.7	jbb	0.02	5	1						
I														
UT: 7:04		Z: 1.08	Comment: telluric offset 10.12-->9.31											
S		33	HD 210501	-36.7	jbb	0.02	10	1						
I														
UT: 7:07		Z: 1.09	Comment:											
S		34	HD 210601	-36.7	jbb	0.02	10	1						
I														
UT: 7:09		Z: 1.09	Comment: 10.30-->9.50											
S		35	HD 210501	-36.7	jbb	0.02	10	1						
I														
UT: 7:12		Z: 1.1	Comment: 9.51-->9.17											
S		36	HR 8799	-36.7		0.02								
I					kn3		2	1						
UT: 7:15		Z: 1.02	Comment: acquiring new planet											
S			HR 8799	-36.7		0.02								
I		37			kn3		2	1						
UT: 7:19		Z: 1.02	Comment: offset 545.538-->508.502											

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Set #		Frames	Object	PA Used	Filter(s)	Scale	ltime	Coadds	Repeat	Dither obj sky	AO Rate	Sub Int	TT/DM Gain
S			HR 8799b	-22.86		0.02							
I		38			kn3		2	1					
UT: 7:23		Z: 1.02	Comment: offset to HR 8799b										
S		39	HR 8799b	-22.86	kbb	0.02	600	1					
I													
UT: 7:26		Z: 1.03	Comment:										
S		40	HR 8799b	-22.86	kbb	0.02	600	1					
I													
UT: 7:42		1.04	Comment: too close? somethings off. offset 13.33-->9.31										
S		41	HR 8799b	-22.86	jbb	0.02	900	1					
I													
UT: 7:56		Z: 1.07	Comment: Quinn sees it at 9.30!										
S		42	HR 8799b	-22.86	jbb	0.02	900	1					
I													
UT: 8:12		Z: 1.22	Comment: offset from 9, 30 to 9, 34										
S		43	HR 8799b	-22.86	jbb	0.02	900	1					
I													
UT: 8:34		Z: 1.25	Comment: offset from 9, 34 to 9, 23										
S		44	HR 8799b	-22.86	jbb	0.02	900	1					
I													
UT: 8:51		Z: 1.27	Comment: offset from 9, 23 to 8, 31										
S		45	HR 8799b	-22.86	jbb	0.02	900	1					

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Set #		Frames	Object	PA Used	Filter(s)	Scale	Ltime	Coadds	Repeat	Dither obj	sky	AO Rate	Sub Int	TT/DM Gain
I														
UT: 9:10		Z: 1.28	Comment: offset from 8, 31 to 8, 36											
S		46	HR 8799b	-22.86	jbb	0.02	900	1						
I														
UT: 9:27		Z: 1.27	Comment: offset from 8, 36 to 9, 27											
S		47	HR 8799b	-22.86	jbb	0.02	900	1						
I														
UT: 9:46		Z: 1.28	Comment: offset from 9, 27 to 9, 32											
S		48	HR 8799b	-22.86	jbb	0.02	900	1						
I														
UT: 10:03		Z: 1.3	Comment: offset from 9, 32 to 9, 37											
S		49	HR 8799b	-22.86	jbb	0.02	900	1						
I														
UT: 10:22		Z: 1.34	Comment: offset from 9, 37 to 9, 21											
S		50	HR 8799b	-22.86	jbb	0.02	900	1						
I														
UT: 10:40		Z: 1.33	Comment: offset from 9, 21 to 9, 32											
S		51	sky	-22.86	jbb	0.02	900	1						
I														
UT: 10:57		Z: 1.37	Comment: sky											
S		52	sky	-22.86	kbb	0.02	600	1						
I														

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Set #		Frames	Object	PA Used	Filter(s)	Scale	ltime	Coadds	Repeat	Dither obj	sky	AO Rate	Sub Int	TT/DM Gain
UT: 11:15		Z: 1.37	Comment: more sky											
S			HP 16095	-71.39	Kn3	0.02	2	1						
I		53, 54												
UT: 11:31		Z: 1.02	Comment: Acquiring telluric star											
S		55-57	HP 16095	-71.39	Kbb	0.02	2	1						
I														
UT: 11:35		Z: 1.02	Comment:											
S			51 Eri	71.39	Kn3	0.02	2	1						
I		58-62												
UT: 11:56		Z: 1.08	Comment: PA is positive											
S		63	51 Eri	71.39	Kbb	0.02	600	1						
I														
UT: 12:07		Z: 1.08	Comment:											
S		64	51 Eri	71.39	Kbb	0.02	600	1						
I														
UT: 12:21		Z: 1.09	Comment:											
S		65	51 Eri	71.39	Kbb	0.02	600	1						
I														
UT: 12:34		Z: 1.1	Comment:											
S		66	51 Eri	71.39	Kbb	0.02	600	1						
I														
UT: 12:46		Z: 1.11	Comment:											

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Set #		Frames	Object	PA Used	Filter(s)	Scale	ltime	Coadds	Repeat	Dither obj	sky	AO Rate	Sub Int	TT/DM Gain
S		67	51 Eri	71.39	Kbb	0.02	600	1						
I														
UT: 12:59		Z: 1.12	Comment:											
S		68	51 Eri	71.39	Kbb	0.02	600	1						
I														
UT: 13:11		Z: 1.14	Comment:											
S		69	51 Eri	71.39	Kbb	0.02	600	1						
I														
UT: 13:24		Z: 1.16	Comment:											
S		70	51 Eri	71.39	Kbb	0.02	600	1						
I														
UT: 13:37		Z: 1.19	Comment:											
S		71	51 Eri	71.39	Kbb	0.02	600	1						
I														
UT: 13:49		Z: 1.11	Comment: offset from 9, 42 to 10, 19											
S		72	51 eri	71.39	Kbb									
I														
UT: 14:00		Z: 1.27	Comment: more up/down offsets (between x = 9 and 10)											
S		73	51 eri	71.39	kbb	0.02	600	1						
I														
UT: 14:13		Z: 1.32	Comment: 8.41-->10.22											
S		74	51 Eri	71.39	kbb	0.02	600	1						

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