	Date HST/UT:		2016-11-6			-	Weather:			cle	ar			
	Program:		OSIRIS Planets			. (Observers:	Konopacl	ky, Barma	n, Brock, l	Brown, M	acintosh, V	Vilcomb,	
	SA/OA:	Randy/Julie					Data Dir:	/s/sdata11	100/osiris1	/161106/S	SPEC			
	Set#	Frames	Object	PA Used	Filter(s)	Scale	Itime		Repeat		her sky	AO Rate	Sub Int	TT/DM Gain
S			Darks											
I														
UT:		Z:	Comment:											
S														
I			HIP111538		kbb									
UT:	4:08	Z: 1.16	Comment:		•		telluric	calibrator,	and setting	g up magic	pixel	•		
S		5	HIP111538	0	kbb	0.02	2	1						
I														
UT:		Z:	Comment:				getting	g organized	l with tellu	ric calibra	itor (
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 j	oixel, = 50	8, 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 s	omething	g at 10,29	in first 60	0s expos	ure, 10,2	9> 9,32	2 offset	
S		21	kappaAnd	-36.7	kbb	0.02	600	1						

	Date HST/UT:		2016-11-6			-	Weather:			cle	ar			
	Program:		OSIRIS Planets			. (Observers:	Konopac	ky, Barmaı	n, Brock,	Brown, M	acintosh,	Wilcomb.	,
	SA/OA:	Randy/Julie					Data Dir:	/s/sdata1	100/osiris1	/161106/S	SPEC			
	Set#	Frames	Object	.PA	Filter(s)	Scale	Itime		Repeat	Dit	her	AO	Sub	TT/DM
		<u> </u>		Used						obj	sky	Rate	Int	Gain
I														
UT:	5:32	Z: 1.16	Comment:	1	1	We	e think we	found it	at 10.37.	offset 10	.37>8.2	6		
S		22	kappaAnd	-36.7	kbb	0.02	600	1						
I														
UT:	5:45	Z: 1.14	Comment:		Don't	know if w	e see any	/thing at 8	8.26, poss	ibly 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:	I	1		found	d it at 9.3	1!!!! offset	9.31>8	.36		<u>.I</u>	.I
S		24	Sky	-36.7	kbb	0.02	600	1						
I														
UT:	6:14	Z: 1.12	Comment:			ļ		·E	Blank sky					
S		25	sky	-36.7	jbb	0.02	900	1						
ı				30.7		0.02	700	-						
UT:	6.27	Z: 1.11	Comment:	l	1			ŀ	olank sky			1		
S	0.27	2	HD 210501	-36.7		0.02	2	1						
	-	26	110 210301	-30.7	:In In	0.02	2	1						
1		26			jbb									
UT:	6:48	Z: 1.05		1				tellur	ic calibrat	or				
S			HD 210501	-36.7		0.02								
I		27			jbb		2	1						
UT:	6:51	Z: 1.06	Comment:	1	T	S	tar center	550.539	. offset 55	0.539>	508.502			
S		28,29,30	HD 210501	-36.7	kbb	0.02	2	1						
I														

	Date HST/UT:		2016-11-6				Weather:			cle	ear			
	Program:		OSIRIS Planets				Observers:	Konopac	ky, Barmaı	n, Brock,	Brown, M	lacintosh, V	Wilcomb	,
	SA/QA:	Randy/Julie					Data Dir:	/s/sdata1	100/osiris1	/161106/3	SPEC			
	Set#	Frames	Object	PA Used	Filter(s)	Scale	Itime		Repeat		ther sky	AO Rate	Sub Int	TT/DM Gain
UT:	6:53	Z: 1.07	Comment:				tellu	ric standa	ardsvaria	able seei	ng			
S		31	HD210501	-36.7	kbb	0.02	2	1						
I														
UT:	7:02	Z: 1.08	Comment:					telluric o	ffset 8.47-	>9.13				
S		32	HD 210501	-36.7	jbb	0.02	5	1						
I														
UT:	7:04	Z: 1.08	Comment:					telluric of	fset 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:	•				acquri	ng new pl	anet				
S			HR 8799	-36.7		0.02								
I		37			kn3		2	1						
UT:	7:19	Z: 1.02	Comment:					offset 54	5.538>5	08.502		· · ·		· · ·

	Date HST/UT:		2016-11-6				Weather:			cle	ear			
	Program:		OSIRIS Planets				Observers:	Konopac	ky, Barma	n, Brock,	Brown, M	acintosh, V	Wilcomb	,
	SA/OA:	Randy/Julie					Data Dir:	/s/sdata1	100/osiris1	/161106/5	SPEC			
	Set #	Frames	Object	PA Used	Filter(s)	Scale	Itime		Repeat		ther 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 87	99b				
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:			1	too close?	somethi	ngs off. of	fset 13.3	3>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 fro	m 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 fro	m 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 fro	m 9, 23 to	o 8, 31				
S		45	HR 8799b	-22.86	jbb	0.02	900	1						

	Date HST/UT:		2016-11-6				Weather:			cle	ear			
	Program:		OSIRIS Planets			. (Observers:	Konopac	ky, Barma	n, Brock,	Brown, M	acintosh, V	Vilcomb,	
	SA/OA:	Randy/Julie					Data Dir:	/s/sdata1	100/osiris1	/161106/	SPEC			
	Set#	Frames	Object	PA Used	Filter(s)	Scale			Repeat		ther sky	AO Rate	Sub Int	TT/DM Gain
I										,				
UT:	9:10	Z: 1.28	Comment:		1		•	offset fro	om 8, 31 to	o 8, 36				l .
S	7.10	46	HR 8799b	-22.86	jbb	0.02	900	1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, 0, 00				
I		40	111(07000	-22.00		0.02	700	1						
UT:	9:27	Z: 1.27	Comment:	_				offset fro	om 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 fro	om 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 fro	om 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 fro	om 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 fro	om 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														

	Date HST/UT:		2016-11-6				Weather:			cle	ear			
	Program:		OSIRIS Planets				Observers:	Konopac	ky, Barmaı	n, Brock,	Brown, M	facintosh, V	Wilcomb	,
	SA/OA:	Randy/Julie					Data Dir:	/s/sdata1	100/osiris1	/161106/	SPEC			
	Set#	Frames	Object	PA Used	Filter(s)	Scale			Repeat		ther sky	AO Rate	Sub Int	TT/DM Gain
UT:	11:15	Z: 1.37	Comment:					r	more sky					
S			HP 16095	-71.39	Kn3	0.02	2	1						
ī		53, 54												
UT:	11:31	Z: 1.02		_				Acquiri	ing telluric	star		-	1	
S		55-57	HP 16095	-71.39	Kbb	0.02	2	1						
I				, 5.62	1100	****								
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	9				1
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		***	- · -·	, 5.02		****								
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:											

	Date HST/UT:		2016-11-6				Weather:			cle	ar			
	Program:		OSIRIS Planets			(Observers:	Konopac	ky, Barma	n, Brock,	Brown, M	acintosh, V	Wilcomb,	,
	SA/OA:	Randy/Julie					Data Dir:	/s/sdata1	100/osiris1	/161106/5	SPEC			
	Set#	Frames	Object	PA	Filter(s)	Scale	Itime		Repeat	Dit	her	AO	Sub	TT/DM
				Used						obj	sky	Rate	Int	Gain
S		67	51 Eri	71.39	Kbb	0.02	600	1						
I														
UT:	12:59	Z: 1.12	Comment:	1			1	1			1		1	1
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:	1	!		•				!	-		
S		70	51 Eri	71.39	Kbb	0.02	600	1						
ı	1	,,,		, 1.09	. 10.0	0.02		-						
UT:	13:37	Z: 1.19	Comment		1									
	13.37			71.20	IZI- I-	0.02	(00	1						
S	-	71	51 Eri	71.39	Kbb	0.02	600	1						
I														
UT:	13.49	Z: 1.11	Comment:	1				offset froi	m 9, 42 to I	10, 19				
S	-	72	51 eri	71.39	Kbb									
I														
UT:	14:00	Z: 1.27	Comment:	1		<u> </u>	more up/o	down offs	ets (betwe	en x = 9	and 10)			т
S		73	51 eri	71.39	kbb	0.02	600	1						
I														
UT:	14:13	Z: 1.32	Comment:					8.4	1>10.22	2				
S		74	51 Eri	71.39	kbb	0.02	600	1						

	Date HST/UT:		2016-11-6				Weather:			cle	ar			
	Program:		OSIRIS Planets				Observers:	Konopac	ky, Barmaı	n, Brock,	Brown, M	acintosh, V	Wilcomb,	,
	SA/OA:	Randy/Julie					Data Dir:	/s/sdata1	100/osiris1	/161106/8	SPEC			
	Set#	Frames	Object	PA Used	Filter(s)	Scale			Repeat		her sky	AO Rate	Sub Int	TT/DM Gain
_				Useu						ODJ	SKy	Rate	IIIL	Gaill
1														
UT:	14:25	Z: 1.2	Comment:	1			1	more u	p/down of	fsets				1
S	_	75	51 Eri	71.39	kbb	0.02	600	1						
I														
UT:	14:37	Z: 1.21	Comment:	_				more u	p/down of	fsets				
S		76	51 Eri	71.39	Kbb	0.02	600	1						
I]													
UT:	14:48	Z: 1.49	Comment:	1	1									.1
S		77	Sky	71.39	Kbb	0.02	600	1						
I		,,	. Ony	71.37	1100	0.02	000	1						
	15.01	7. 1.50	Community	1									<u> </u>	
UT:	15:01	Z: 1.58		T	T		Ι							
S	_	78	Sky	71.39	Jbb	0.02	900	1						
I														
UT:	15:13	Z: 1.67	Comment:	1				1			1	1	1	
S			HIP25453	71.39	Kn3	0.02	2	1						
I		79-80												
UT:	15:31	Z: 1.35	Comment:					Acquir	ng telluric	star				
S		81-84	HIP25453	71.39	Kbb	0.02	2	1						
I]													
UT:	15:34	Z: 1.37	Comment:					1						
S		,												
	1													
I														