

Observers:		UT date: 2007 Jul 28		Object: HD150077			Weather:	
Cam Settings:							Seeing:	
Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux, etc)	B1	B2	B3	B4	Comments (Reference Cart Position, image quality, recent alignment? etc.)	
	7 L. STURMANN		SZ	ER	w1	w2.	[SZ, ER] -	
			9317 450	8460 (51)			SZ ER: 8410 9216, 170d/s	
				8435. (97)			8385 9211 140	
22:43				8410. (80)			8360 9213 200	
							8335 9227 240	
							8310. 9227. 270-300	
							8215 coma 240	
							8260 X 170	
				8310 2 270ch	7963 500	11016.7 800		
					7938 500			

Observers: JDM, LS, DB		UT date: <u>2007 Jul 28</u>		Object: AZ Crg			Weather: clear
Cam Settings:							Seeing: poor-ok, 4-8cm
Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux,,etc)	B1	B2	B3	B4	Comments (Reference Cart Position, image quality, recent alignment? etc.)
		TT SMS	SE52 1100	E2 2300	W1 8200	W2 6700	
23:30		FIBER EX	500	400	300-400	650	
-01:54		SEARCHING FOR fringes.					
			-17.4 ⁺	-0.8 ⁺	-6.0 ⁺		
					-6.24		
-01:32							
		$\bar{\theta}$					ONLY FOUND $w1/w2$.

Observers:		UT date:		Object:			Weather:	
Cam Settings:		2007 Jul 27		σ Cyg (CRAP)			clear / → clouds	
Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux,,etc)	B1	B2	B3	B4	Comments (Reference Cart Position, image quality, recent alignment? etc.)	
		Fiber Explorer	30	30	30-40	80		
00:13		TT SMS	10k	35k	100k	80k	E2 W1 - -6.399, 0.430	
01:10								
				0.765	-5.76			
-01:09	-01:13			.685	-5.72		can't find S2 fringes	
				0.600	-5.74		SEARCHED -18.20 -15m	
-00:55			-18.65 SEARCHED -5.5				+1 clouds coming in	
01:19	New FIBER							
-00:25	explorer		50	60		70		
1:28			13					
-00:19				0.23	-5.20			
	Mix 33						3T ₁ DATA. NO S2 ^A	
	001- 820						losing fringes	
			CRAP					

Observers:		UT date:		Object:			Weather:	
Cam Settings:		2007 h2v		HD 9022 CAR.			CCOWS Seeing: 13AD-3-5cm	
Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux,,etc)	B1	B2	B3	B4	Comments (Reference Cart Position, image quality, recent alignment? etc.)	
		TI SMS	SR 900	E2 1700	W1 7000	W2 5000		
	E	F.b.Ex		30	50	70		
			-17.9	-0.47	-6.07 -6.6			
02:12 03:12			-14.6	1.105	-7.64 +1.00			
-03:36 02:28			-14.50	1.202	-7.65			
-03:32	34-83	DATA	-14.54	1.224	-7.59	Ref.		
	87-143	Sketchy						
02:35		F.ex.	40-60	50	45	80		
02:47 -03:15	144-193	DATA.	-15.009	1.184	-7.403		lose fringes <u>Sketches</u> .	
	194-253	MASSED	-15.206	1.153	-7.317		miscdag. 20070728025324	

Observers: JDM, LK		UT date:		Object: HD 8538 18 Cas			Weather:	
Cam Settings:		2007. Jul. 28.					Seeing:	
Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux,,etc)	B1	B2	B3	B4	Comments (Reference Cart Position, image quality, recent alignment? etc.)	
		TT Sms	148	368	1308	1008		
		Fib. Ex	150	140	130	230 170		
			-15.83	1.02	-6.92			
3:35 -2:20	254- 303	DATA					255-56 are bad	
			-15.91	0.966	-6.91			
		Fib. Ex.	180	150	150	300		
			-16.43	0.866 0.82	-6.76 -6.67			
	366-415	DATA						

Observers: JOMILK		UT date: 2007. Jul. 28		Object: ^{ISS -60079.} HD14142 (T Per)			Weather: clouds - scatter
Cam Settings:							Seeing: 0.005.
Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux, etc)	B1	B2	B3	B4	Comments (Reference Cart Position, image quality, recent alignment? etc.)
		TT 5ms	S2 400	E2 700	W1 2500	W2 1800	
		fib. EX	150	130	80	200	
			-16.23	0.95	-6.791		
			-16.36	.	-6.70		
-01:53			-16.73				
-01:51	476-575	DATA	-16.48	.892	-6.677		
-01:45	576-635	MATRIX	-16.6	0.85	-6.59		Awesome!
							Mixed up - 20070728050757
							problem 2/ File 577
		fib. EX	✓	✓	✓	✓	
5:21 -01:27	636-695	SHUTTER					
5:32.	696-745	DATA.	-17.025	0.727	-6.410	-6.456	losing fringe? A LOT BUT SOME GOOD FILES

(CAL)

Observers: JOM L/C, PHS, MI, @AM, CF		UT date: 2007 Jun 29		Object: Zet D12A (HV) 1557631			Weather: clear
Cam Settings:							Seeing: OK 5-9cm (FAST)
Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux, etc)	B1	B2	B3	B4	Comments (Reference Cart Position, image quality, recent alignment? etc.)
		TT 3	52	EZ	w1	w2	
		TT 3	17k	60k	185k	160k	
		Fib. Ex	9317 60-90	8310 70	80	11017 140	
20:56							
21:21			-18A	-1A	-8A-3		
21:05			-17.31	0.13			
21:10			-17.5	0.057	-6.04		
00:22	4-53	DATA	-17.6	-0.11	-6.05		
	54-113	SHUTTER	-17.6				
22:08		Fib. Ex	-17.74	-2.08	-5.9		
22:00	114-163	DATA	-17.71	-2.6	-5.9		
	164-	SHUTTER Fib. Ex					

LOST S2 @ ATLEAST ONCE
22:29] OPLE PROBLEMS

21:21
21:05
21:10
22:00
22:08

Observers: JD, UK, SMB Cam Settings: M1, CAN, ICF		UT date: 2007 Jul. 29		Object: AW Cyg (IRC 50235)			Weather: clouds... on the way. Seeing: poor, FAST see. 3-7u.	
Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux,,etc)	B1	B2	B3	B4	Comments (Reference Cart Position, image quality, recent alignment? etc.)	
		TT Smg	S2 700	E2 1800	W1 6k	W2 5k		
22:48		Fib. X	130	190	230	300	VWE/Mirkwood cart. 23:00	
				-1x				
23:19 -00:30.			+89-17 -17x	+89-17 +6x	+89-17 -0.7		→ Re sync'd OPLE.	
-00:18.					-5.5		W1=W2 FRINGES Very weak. Re-doing F.ex.	
23:38.		F.ex.	+56 250	140	200-250	300-700		
23:57 00:00.			-156	-1x	-5.3			
	224-273	DATA					SINGLE BASEL w/ w?	
00:07 00:11	274-323	DATA					2x's Peak single shots	
	324-373	DATA					NO LIGHT FROM 2/52 E3	
	374-443	SHUTTER						

Observers:		UT date:		Object:			Weather:	
Cam Settings:		2007 Jul 29		A7 C7g MRC + 50351			Seeing: 2005 - ok.	
Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux, etc)	B1	B2	B3	B4	Comments (Reference Cart Position, image quality, recent alignment? etc.)	
00:27			512	E2 4335	41	w?	700s, yep ok.	
			500	400	450	700		
-00:45			-197	-37	-5.26	-	Searching for fringes	
00:46					-5.6			
00:58	434-442						w/w2 only	
-00:24	443-485	DATA		479	-5.06		Lost fringes? w/w2-ER	
	486-545	SHUTTERS					save 3+ DATA	
01:06							DATA 479	
		F.EX.	500	700	-3.565 500	700		
-00:05	546-611	3T DATA B E2-w/w2	-187	0.277	-5.49		intent camera	
01:52	612-671	SHUTTERS						
01:43			10.67					
00:27		F.EX		-00.06	-5.23		# 699 lost	
	672-721	3T B E2-w/w2					CLOUDS	
	721-781	SHUTTERS	NO LIGHT				CLOUDS	


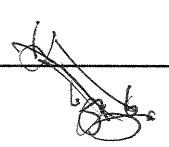
Observers:		UT date:		Object:			Weather:	
Cam Settings:		2009 2-29		Ups Anomalous 377			clouds have cleared Seeing: Better! 7-9cm.	
Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux, etc)	B1	B2	B3	B4	Comments (Reference Cart Position, image quality, recent alignment? etc.)	
		F. ex	108	170	160	200k		
		TT & S ₂	12k.	39k	130k	108k		
			-17.27	-13.7	-5.27			S2 W1 -17.2/-5.27 S2 E2 -17.2/-6.11
-01:20								
4:27.								
-01:27	-01:25		-18.37	0.87	-6.10	-		
-01:19	782-831	DATA	-18.52	0.81	-5.98			
	732-891	MANIX.		77				
-01:12			-18.76	.77	-			
	892-911	DATA						
		SYNC		ON. Widedeg				
05:00								
-01:06	912-931	DATA	-18.74	0.73	-5.80			
-01:00	932-	mini-SHUT						

FORGOT TO SYNC Widedeg

Observers:		UT date:		Object: Zet DRA			Weather: clear
Cam Settings:		2002 Jul 30		(CAC) (HD155763)			Seeing: Poor 2-8cs
Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux, etc)	B1	B2	B3	B4	Comments (Reference Cart Position, image quality, recent alignment? etc.)
			52	EL	W1	W2	
		TT 3MS	16k	57k	180k	140k	
20:57		F.ex.	840-50	57	100	100	
21:05							
-0:26							
21:16			-16.58	-5.57	-6.57		
-0:13			<u>-12.16</u>	<u>0.20</u>	<u>-6.28</u>		
	3-72	DATA	-17.36	0.12	-6.19		<u>BAD Seeing</u> Fringes only, going FORGOT DAQ - FOR <u>LOST EZ</u> GOT GAIN 0.4
	73-		-17.7	0.14	-6.19		
	DAQ ON 73-125		-17.34	0.13	-6.14		
	126-185	SHUTTERS	-17.42	0.056	-6.15		
+00:04							
9:54		F-E	80	70	100	150	
9:57	186-260	Data					
	261-320	shutters					

Observers:		UT date:		Object:			Weather:	
Cam Settings:		07/30/2007		AZ Cyg			Seeing: Super-crappy	
Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux,,etc)	B1	B2	B3	B4	Comments (Reference Cart Position, image quality, recent alignment? etc.)	
10:20		F-E	S2 300	E2	W1 400	W2 800		
22:38			-17.4	0.54	-5.6			
-02:41				1.296				
-02:35				1.20	-6.88			
-02:32								
22:56	321-	DATA 3T	-16.4	1.2	-6.8		3T DATA. E2-W1-W2 losing fringe, not	
-02:21	372-358	YT	-16.4	1.17	-6.8		ADJUST YR DATA.	
		F.E.Y.			-6.4			
23:13			-17.17	1.98	-6.48		Seeing too poor	
-01:17	-01:56			0.98				
23:20			-17.3					
-01:46								
00:05	359-390	3T DATA	-18.46	0.71	?		3T, W1 Cart Flare 4/4?	
-01:07								
-00:56	370-409	3T DATA	-17.69	.596	-1.3			

Observers:		UT date:		Object: Omi APO			Weather:	
Cam Settings:		2007 Jul 30					Seeing: nightmare.	
Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux,,etc)	B1	B2	B3	B4	Comments (Reference Cart Position, image quality, recent alignment? etc.)	
00:56		f.ex	52 55	42 40	u1 62	u2 86		
01:11		Fringe SEARCH.	-166	1.56	-7.04			
-02:13								
-02:06			±17.04	0.988	-6.59			
	470-519	DATA					DATA.	
-02:02	520-579	MATRIX.	±17.2	0.99	-6.46	Ref		
		f. explor						
-01:37			-18.4	.821			lost 2m in u1 sectors	
-01:22			-18.49	.717			Trouble finding u1!! AGAIN!	
	580 639	3T DATA					BAD DATA 580-581.	
2:15	640-699	SHUTTER,					ADJUSTING	
2								

Observers:		UT date:		Object:			Weather:	
Cam Settings:		07/30 / 2007		HD 14488			Seeing:	
Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux, etc)	B1	B2	B3	B4	Comments (Reference Cart Position, image quality, recent alignment? etc.)	
5:10.		FE	S2 200	E2 250	W1 250	W2 600		
5:20.	1165-1228	Data.	-17.005	0.535	—		S2-E2-W2 3T-only, No. W1	
					-5.939		E2 fringes are there but	
	1281	Data	-17.140	0.454	6.094		too faint !!! SO.	
	1229-1288	shut off						
								
05:36.		Data.	-17.31	0.399	-6.115		S2-W2-W1 3T data	
05:39	1286-1318	Data.	-17.31	0.399	-6.102.		4T data	

Observers: MZ, D.B.		UT date: 07/31/2007		Object: Zet Dra			Weather: clear
Cam Settings:							Seeing: $r_0 = 6-15$
Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux, etc)	B1	B2	B3	B4	Comments (Reference Cart Position, image quality, recent alignment? etc.)
9:13		F-E	S2 70	E2 90	W1 160	W2 200	DAR started.
		TT	16	54		130	3ms
			-17.21	-0.695			S2-E2 fringe.
10:05			-17.635	-0.195	-6.045		
10:09 00:42	1-70	Data	-17.672	-0.207	-6.027		Lost S2 at the end.
10:20	71-130	Matrix	15	-0.272	-5.999 6		
10:34		FE	90	60	130	200	
10:36	131-205	Data	-17.816	-0.407	-5.939		
	206	Matrix	-17.866	-0.468	-5.921		

Observers:		UT date:		Object:			Weather:	
Cam Settings:		07/31/2007.		AE Cyg			clear	
Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux,,etc)	B1	B2	B3	B4	Comments (Reference Cart Position, image quality, recent alignment? etc.)	
11:10		TT	S2 5	E2 14	W1	W2 36	3ms	
		FE.	400	360		700	W1 dome had problem. homeed, stalled	
11:27				1.120				
11:30				1.065				
				0.958				
12:01				0.872				
		FE	400	360	400	500		
12:42 -00:33	266-340	Data.	—	0.489	-5.746		E2-W1-W2	
12:50.	341-400	Shutter	—	0.429	-5.578			
1:05.	401-475	Data	-19.65	0.309	-5.494		4T !!	
1:10.	476-535	Shutter						
1:25	—	FE						
1:27	536-610	Data	-20.071	-0.253	-5.221		4T: bad data	

1:36 CHARA-MIRC 4T 611-670

Shutter

Page:

2

of:

Observers:		UT date:		Object:			Weather:
Cam Settings:		07/31/2007		Omi And			Seeing: 1.0 = 3-12.
Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux,,etc)	B1	B2	B3	B4	Comments (Reference Cart Position, image quality, recent alignment? etc.)
1:50.		TT	S2 10	E2 33	W1 107	W2 84	3ms.
1:57		FE.	80	40	70	80 ⁸⁰	Had carts problem again All of them, lost positions.
2:35.	671-745	Data.	-19.593	0.575	-5.5		Homed.
2:46	746-805	Shutter	-19.76	0.461	-5.447.		
2:55.		FE					
3:05	806-890	Data	-20.200	0.300	-5.309		
3:12	891-950	Shutter.					

Observers:		UT date:		Object:			Weather:	
Cam Settings:		07/31/2007		HD 14488			Seeing:	
Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux, etc)	B1	B2	B3	B4	Comments (Reference Cart Position, image quality, recent alignment? etc.)	
3:20		FE	S2 400	E 2 300	W1	W2	W1, W2 locked on wrong star; looking for sky pattern.	
		TT.						

Observers:		UT date:		Object:			Weather:
Cam Settings:				37 And			Seeing: $\approx 3-15$ cm
Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux,,etc)	B1	B2	B3	B4	Comments (Reference Cart Position, image quality, recent alignment? etc.)
4:25		FE	S2 100	E2 80	W1 137	W2 120	
		TT	8	30	90	69	3ms
4:34	105 951-1025	Data	-19.973	0.370	-6.956		} \rightarrow too low offsets. * should be +2 mm higher.
4:46	1026-1085	Shutter	-20.344	0.265	-6.872		
4:54	1086-1125	Data	-20.631	0.201	-6.759		

Observers:		UT date:		Object:			Weather:
Cam Settings:		07/31/2007		HD14488			Seeing: $r_0 = 3 - 12$
Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux,,etc)	B1	B2	B3	B4	Comments (Reference Cart Position, image quality, recent alignment? etc.)
		FE	S2 450	E2 360.	W1 300.	W2 700	
		TT					
S=34 -1:03	1126-1236	Data	-17.355	0.458	-6.19		
	1237-1286	Shutter					lost at Tiptilt.
							Data useless.

Observers:		UT date:		Object: IRC 50351			Weather: clouds
Cam Settings:		08/01/2007		AZ Cyg			Seeing: $\gamma_0 = 4-13$
Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux,,etc)	B1	B2	B3 W1	B4 W2	Comments (Reference Cart Position, image quality, recent alignment? etc.)
11:10		TT					5ms
		FE	580	400	600	600	Clouds.
				0.835	-6.445		
11:46 -1:27	146-200	Data	-17.907	1.001	-6.243		4T, Bad Quality due to clouds
	200-295	Data	-18.164	0.908	-6.131		Better, clouds are gone
							Bad lost stars
							at #290 due to clouds
12:02 -1:09	296-385	Shutter	-18.226	0.860	-6.073	—	
		FE	400	500	600	600	
12:18 -0:54	386-460	Data	-18.74	0.776	-5.896	—	Good set.
12:25 -0:48	461-520	Shutter	-18.916	0.680	-5.821	—	

Observers:		UT date:		Object:			Weather:	
Cam Settings:		08/01/2007.		γ Cas.			clouds.	
Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux,,etc)	B1	B2	B3	B4	Comments (Reference Cart Position, image quality, recent alignment? etc.)	
1:44		TT	S2 40	E2 130	W1 200	W2 200.	3ms	
		FE	480	140.	600	700.		
					-7.421			
				-15.739				
2:47 -2:23	521-572	Data.	—	0.922	-7.034		3T, E2-W1~W2	
2:52 -2:18	573-610.	Data	-15-817	0.894	-6.982	—	4T	
2:56	611-670.	Shutter	-15-854	0.876	-6.987			
		FE	—					
3:16 -1:54	671-746	Data.	-16.215	0.791	-6.775			
	747	Shutter	-16.335	0.718	-6.729			

Observers: MZ, DB, Matt		UT date:		Object:			Weather:	
Cam Settings:		08/02/2007		Zet Dra.			Seeing: $r_0 = 6-12$	
Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux, etc)	B1	B2	B3	B4	Comments (Reference Cart Position, image quality, recent alignment? etc.)	
		TT	52	E2	W1	W2		
			17	54	170	134	3ms	
9:06		FE	70.	60 60	150	150.		
9:33	0-74	Data.	-17.490	-0.013	-6.182			
00:14								
9:40	75-134	Shutter	-17.566	-0.069	-6.155			
00:20								
9:48	135-209	Data	-17.612	-0.064	-6.147			
9:57	210-269	Shutter	-17.668	-0.167	-6.084			
00:37								

Observers:		UT date:		Object: HR. 7924			Weather: clear.	
Cam Settings:		05/02/2007		Deneb			Seeing: 5-13.	
Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux,,etc)	B1	B2	B3	B4	Comments (Reference Cart Position, image quality, recent alignment? etc.)	
11:40.		FE	S2 800	E2 1200.	W1 300-1000	W2 1203		
12:21 -00:28	270-290	Data	—	0.512	-5.655		E2-W1-W2	
12:24 -00:27	291-369	Data	-19.557	0.515	-5.646			
12:32 -00:19.	370-429	Shutter	-19.707	0.433	-5.560			
12:38 -00:13	430-504	Data.	-19.861	0.349	-5.500			
12:43 -00:08	505-564	shutter	-19.892	0.333	-5.474			
		FE						
1:03 +00:11	565-789	Data.	-20.236	0.067	-5.278		lost fringes in the middle.	
1:12 00:20	790-969	Shutter	-20.357	-0.037	-5.208			

Observers:		UT date:		Object:			Weather:
Cam Settings:		08/02		S19 Cyg			Seeing:
Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux,,etc)	B1	B2	B3	B4	Comments (Reference Cart Position, image quality, recent alignment? etc.)
			S2	E2	W1	W2	
		TT					
1:20		FD					
	970-1019						No data in these files!
		FE	60	50	120	60	
2:08			-21.33	—			Lost E1 cart.
2:13			-21.360			-4.673	
2:25 01:00	1020-1094	Data	-21.428	—	-4.655		S2-W1-W2 only !!
2:34 1:06		Shutter	-21.467	—	-4.633		

Observers:		UT date:		Object:			Weather:	
Cam Settings:		08/02/2007		HD 14488			Seeing: $r_0 = 5-15$	
Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux, etc)	B1	B2	B3	B4	Comments (Reference Cart Position, image quality, recent alignment? etc.)	
2:40		TT	S2 500	E2 1400	W1 5100	W2 3900	3ms.	
3:00		FE	350	370	400	700		
3:00				1.192				
				1.163				
3:24 -3:08	1155 - 1218	Data	74.932	1.141	—		No W1 yet S2-E2-W2 Clouds!!	
					-7.432		wasted!!! BAD DATA	
4:00		FE	350	300	500	1000	$r_0 = 9$ patchy clouds	
4:16 -2:15	1219 - 1292	Data	-15.928	0.919	-7.131			
4:23 -2:08	1293 - 1352	Shutter	-16.068	0.883	-7.046			
4:34 -1:58	1353 - 1430	Data	-16.341	0.836	-6.930			
4:42	1431 - 1490	Shutter	-16.467	0.797	-6.885			

Observers:		UT date:		Object:			Weather:
Cam Settings:		8/2/2007		Ups And			Seeing:
Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux, etc)	B1	B2	B3	B4	Comments (Reference Cart Position, image quality, recent alignment? etc.)
4:50		TT	SZ 2	E2 9	W1 42	W2 41	clouds.
		FE	200	130	140	2300	
5:08 -00:38	1491-1540	Data	-19.699	0.417	-5.695		SZ offsets are not reliable !!
5:12 -00:34	1541-1588	Shutter	-19.850	0.308	-5.628		
	1589	FE					
5:23 -00:23	1589-1663	Data	-20.168	0.287	-5.522		
5:29	1664-	Shutter	-20.305	0.224	-5.458		