

Observers: John Xiao Chris		UT date: <del>8/9/09</del> 2009 Aug 10		Object: Zet And (IFOCUS)		Weather: Clear	
Cam Settings:						Seeing: 10-20	
Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux,,etc)	B1 S <sub>1</sub>	B2 E <sub>1</sub>	B3 W <sub>1</sub>	B4 W <sub>2</sub>	Comments (Reference Cart Position, image quality, recent alignment? etc.)
1:59 -2:24	Zet And						Fiber explore
			1200	400	900 <del>4400</del>	800 <del>5000</del>	
					W <sub>1</sub>		Focus: 5000
							5020 I=650
			W <sub>2</sub> =60				4980 750=I
							4940 900=I
							(4900) 900=I
						W <sub>2</sub>	Focus: 5000, 750=I
							(5060) 800=I
							5120 650=I
							5200 540=I
							<del>Stimulism</del> bad focus

Observers: John Xiao  
 Cam Settings: Chris

UT date: ~~July 18~~  
 Aug 10, 2009

Object: J TR1

Weather: clear  
 Seeing: 10-20

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.)
2:42 -03:11	Cam Tri 8+33	FE	51 110	E1 80	W1 90	W2 65	
<del>8:43</del> -02:57		Delay	-3.6	1.686	<del>15.5</del> 15.5T		E1 1.45 W1 15.69
-2:23			-0.08	2.646	17.020		S1 -0.985 W1 15.880
	0-49	FE Data					S1: 0.025
-02:18			<del>-0.2</del> <del>2.03</del>	2.549	17.057		E1: 2.75P
-02:15	Shutter 50-109	Shutter					
-2:04		Fiber Exp	100	80	100	60	
<del>8:15</del> -01:57	110- <del>169</del>	Data	-0.408	2.462	17.102		
-01:50	170-229	Shutter	-0.505	2.430	17.141		
-01:04							

Observers: John & Chris  
 Cam Settings: Chris

UT date: ~~10/28~~  
 2009 Aug. 10.

Object: Algol

Weather: Clear  
 Seeing: 1.0-2.0

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.)
04:13 <del>04:13</del>			S1 600 <del>800</del>	E1 600.	W1 600	W2 400.	S1 <del>4.495</del> E1 17.425. $\Delta$ 3.0
4:40. -02:04					17.05.	-	- .0
-01:57			- .24		17.09		
-01:49			- .24		17.09		
-01:40		OFF XTL	- .24	2.92	17.09.		
	230-329	DATA					(losing some FILES)
	330-389	SHUTS					
		FOX.	800	1000	600	800.	
5:26.	390-424	(Mini) SHUTS					
-01:11	<del>425</del>	OFF XTL	-052	2.73	17.09.	-	A few BAD DATA FILES
	425-	DATA	<del>6.1</del> E. 6.052	-	17.15.		



Observers: John Kraus  
 Cam Settings: gal

UT date: 2009 Aug 11

Object: ~~Deneb~~ ~~7~~

Weather: clear  
 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.)					
			WE HAD TO		Re-align		MIRC					
			<u>AGAIN</u>				NOT AS GOOD					
			IMAGE QUALITY		ON		SET AS USUAL.					
			CHECK		SYSTEM		VISIBILITY!					
							75% in one					
							run of spectrographs					
							[usually 90%]					
							<table border="1"> <tr><td>2.5%</td></tr> <tr><td>10%</td></tr> <tr><td>75%</td></tr> <tr><td>10%</td></tr> <tr><td>2.5%</td></tr> </table>	2.5%	10%	75%	10%	2.5%
2.5%												
10%												
75%												
10%												
2.5%												

Observers:

Cam Settings:

UT date: 2004 Aug 4

Object: 7 And  
δ = 99° (C2C)

Weather:

Seeing: ~8 arc.

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.)
17:15 -02:30		F.ex	S1 140	E1 750	W1 100	W2 90	
-02:15			2.1 -2.1	1.6 -4.	15.5		
			(0.37)	1.6 2.3	(15.116)		
				1.6 2.0			
-01:45			(.41)	2.4	(15.016)		
			2.1	1.2 -3.0			
				3.1			
-01:19			(0.55)	8.0	(14.88)		
	0-59	DATA	0.558	8.011	14.824		
-01:10	60-119	Shutter					

S1 E1 = 21, 5, 45 6.

Observers:

UT date: 2009 Aug 11

Object:  $\beta$  CAS.

Weather:

Cam Settings: 900 F/11

Seeing:

Local Time (HA)

File#

Info Type (offset, FG, BG Data, flux, etc)

B1 S<sub>1</sub>

B2 E<sub>1</sub>

B3 W<sub>1</sub>

B4 W<sub>2</sub>

Comments (Reference Cart Position, image quality, recent alignment? etc.)

-01:49

F. Ex.

1300

2500

600

950

S<sub>1</sub>: 0.54 13.5

W<sub>1</sub> 14.920 14.8

15.11

0.48

1.67

7.27

W<sub>1</sub>: 15.11  
W<sub>2</sub> 21 5.6 W134

2:34

120-179

DATA

0.80

7.17

15.07

-

-01:03

180-239

SH-TRAC

0.826

7.15

15.04

Observers:		UT date:		Object:			Weather:	
Cam Settings:		2009 Aug 11		Gam Tri (cal)			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.)	
-00:27		F. Ex.	S <sub>1</sub> 120	E <sub>1</sub> 200	W <sub>1</sub> 80	W <sub>2</sub> 60	S <sub>1</sub> E <sub>1</sub> 7.76	
-01:57		offsets.	-0.29	+8.55	+14.62	-		
-01:42	240 - 799	Data	-0.239	8.512	14.597	-	S <sub>1</sub> -0.29	
-01:29		Shutter	-0.188	8.522	14.574		E <sub>1</sub> 8.55	
			(Δ +.31)	(Δ 8.9)	(Δ <del>12.5</del> )		E <sub>1</sub> 9.227	
							W <sub>1</sub> 15.290	



Observers:		UT date:		Object:			Weather:	
Cam Settings:		2009 Aug 11		Algel 1			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.)	
4:22		F. EX.	S <sub>1</sub> 450	E <sub>1</sub> 600	W <sub>1</sub> 350	W <sub>2</sub> 250		
			[0.1]	[8.8]	[14.5]		S <sub>1</sub> → T	
-01:46	360-	Data	0.124	8.514	14.791		E <sub>1</sub> : 7.8 ↑	
-01:39	420-	Shutter	0.129	8.481	14.765		W <sub>1</sub> : 17 ↓	
-01:35	480-570	Data	0.256	8.4	14.647			
	571-579	<del>E<sub>1</sub></del> E <sub>1</sub> out of range, crap!					S <sub>1</sub> : 0.048 E <sub>1</sub> : 8.352	
-1:10		F. ex	450	—		200		
-1:02	580-	shutter						
			E <sub>1</sub> out of delay			Q	Sunrise	

Observers:

Cam Settings:

UT date:

2009 Aug 12

Object:

Weather:

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.)

MIRC was Re-aligned AGAIN TODAY  
 Seen to be drifting a lot!  
 check for drifts IN IMAGE QUAD









Observers:		UT date:		Object:			Weather:	
Cam Settings:		2 <sup>nd</sup> 9 Aug 12		Al 902			Seeing: 5	
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.)	
			(0.21)	(3V) <del>2.5</del>	(17.5V)			
03:48 -02:47		F. EX.	1000	1200	600	600		S1: 0.175 E1: 3.014
-02:29	0530-	DATA	0.190	3.097	17.086			
-02:16	629-	Shutter	0.165	3.061	17.092			
-02:09	689-	DATA	0.061	3.075	17.154			
-2:00	789-	Shutter	-0.014	2.983	17.179			
-1:53	849-	DATA	-0.094	2.953	17.2			
-1:57	1049-	Shutter	<del>-0.275</del> -0.273	2.899	17.213			
-1:30		F. EX.	<del>900</del>	700	600	600		
-01:16	1109-	DATA						
-1:07	1209-	Shutter	-0.954	2.75	17.228			
								Exit of delay line.

Observers: <i>Xiao</i>		UT date: <i>2009 Aug 13</i>		Object: <i>Deneb</i>			Weather:
Cam Settings:							Seeing:
Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux, etc)	B1 <i>S<sub>1</sub></i>	B2 <i>E<sub>1</sub></i>	B3 <i>W<sub>1</sub></i>	B4 <i>W<sub>2</sub></i>	Comments (Reference Cart Position, image quality, recent alignment? etc.)
			<i>(0.5V)</i>	<i>(35V)</i>	<i>(177")</i>		
							<i>E<sub>1</sub>: 2,950</i>
<i>22:26</i>		<i>F. EX.</i>	<i>1300</i>	<i>1500</i>	<i>900</i>	<i>1500</i>	<i>W<sub>1</sub>: 17,380</i>
<i>-1:40</i>	<i>0-59</i>	<i>DATA</i>	<del><i>1300</i></del>				<i>3T ? 4T ? E<sub>1</sub> maybe miss</i>
<i>-00:53</i>	<i>60-119</i>	<i>Shutter</i>	<i>-0.654</i>	<i>2142</i>	<i>18.677</i>	<i>—</i>	<i>E<sub>1</sub> out of <sup>delay</sup> range</i>
							<i>Maybe the first two files are OK, but <del>the</del></i>
	<i>0-38</i>	<i>Deneb</i>		<i>is</i>	<i>crap!</i>		<i>Most of them are crap!!</i>
		<i>ignore!!!</i>					<i>foreground data is</i>
							<i>bad, no E<sub>1</sub>.</i>









Observers:		UT date:		Object:			Weather:	
Cam Settings:		2009 Aug 13		Algol			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.)	
			S <sub>1</sub>	E <sub>1</sub>	W <sub>1</sub>	W <sub>2</sub>		
			0.4V	(4.7V)	(17.1)			
-02:50		F. EX.	500	400	000	500	SI: 0.584	
-02:29	399-	DATA	0.075	4.433	18.775		E1: 4.663	
-2:10	599-719	Shutter	-0.096	4.364	18.796			
	<del>719-724</del>						719-724 crop!	
-01:53	725-	DATA	-0.286	4.234	18.795			
-01:43	825-	Shutter	-0.322	4.198	18.676			
-01:36		F. EX.	600	700	700	700		
-01:25	885-	DATA	-0.597	4.053	18.764			
-01:16	985-	Shutter	-0.639	4.009	18.758			
							Delay server crashed	



Observers:		UT date:		Object:			Weather:
Cam Settings:		2009 Aug 8		Phi per			Seeing: 5-6
Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux,,etc)	B1 S <sub>1</sub>	B2 E <sub>1</sub>	B3 W <sub>1</sub>	B4 W <sub>2</sub>	Comments (Reference Cart Position, image quality, recent alignment? etc.)
-3:21		F. EX.	50	100	40	60	
				(6.4)	(7.7)		
				2.17	21.177		
				(1.8 - (-3.3))	→ no fring		E <sub>1</sub> -3.3 to 16 no fring
			0.053		17.091		try to find cross fring
			0.096		17.030		W <sub>1</sub> : 17.03 → 23.5
			0.2	8.658	16.83		S <sub>1</sub> : 0.096 → -6.3°
-01:49	0-59	DATA	0.192	8.687	16.805		still no fring
-01:45	60-119	Shutter	0.182	8.66	16.783		S <sub>1</sub> : -8.277
							E <sub>1</sub> : 0.2
							delay line of E <sub>1</sub> is way off again!!!

Observers:		UT date:		Object:			Weather:
Cam Settings:		2009 Aug 18		γ Tri			Seeing: 8-10
Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux, etc)	B1 S <sub>i</sub>	B2 E <sub>i</sub>	B3 W <sub>i</sub>	B4 W <sub>e</sub>	Comments (Reference Cart Position, image quality, recent alignment? etc.)
			(-1↑)	(9V)	(15V)		
-02:07		F. EX.	100	200	70	80	
			-0.529	8.913			E <sub>i</sub> = 10.403
			-0.507	8.916			W <sub>i</sub> = 17.8
-01:16	120-140	DATA					4T!
-01:14	141-180	DATA	-0.45	8.835	16.218		3T! E <sub>i</sub> out of range
-01:10	181-	Shutter	-0.584	8.835			







Observers: John, Xiao		UT date: 2009 Aug. 19		Object: Algol			Weather: clear
Cam Settings: PJ							Seeing: 8-14
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.)
			S <sub>1</sub>	E <sub>1</sub>	W <sub>1</sub>	W <sub>2</sub>	
			(0↓)	(45↓)	(20↑)		
03:46		F. EX.	600	1100	500	600	S <sub>1</sub> : 0
-01:32			-0.190				E <sub>1</sub> : <del>20</del> 4.5
			-0.480		20-22		
							<del>E<sub>1</sub>: 5.03</del>
-01:35	120-169	DATA					3T <del>W<sub>1</sub>: 19.83</del>
-01:31	170-	DATA	-0.62	3939	18.645		4T
							W <sub>1</sub> is <u>osilla</u>
-01:29	180-	Shutter	-0.63	3926	18.640		delay line of W <sub>1</sub> has
			-0.84	3883	18.609		large error
-01:17	240-436	DATA	-0.875	3830	18.621		<u>varies</u>
-00:56	437-	Shutter	-0.936	3789	18.6=7		Better after #1405