





Observers: Ceil & Rob

UT date:

Object:

Weather:

Cann Settings: A Bead (cont)

2010, Nov 21

31 And (Ceil)

Seeing:

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

B1

B2

B3

B4

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

Local Time  
(HA)

File#

FE

100

250

400

95

2:49

360 -  
419

Data

0.775

5.774

5.637

-

S1-E1 0.921 - S931

2:54

420 -  
479

Shutter

0.8019

5.871

5.594

-



Observers: Ge 1 + RB  
 Cam Settings: A Bed (Tones)

UT date: 2010, Aug 24

Object: X And

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.)
		FE	500	8500	1800	8200	
5:00	0600 -						
5:15	0655	Data	1.580	5.152	5.518	-	Headers are wrong
5:05	0660 -	Shutters	1.582	5.160	5.538	-	
5:20	780 - 779	Data	1.572	5.189	-	-	3T SL-E2-U2
5:23	780 - 839	Shutters	1.608	5.192	-	-	3T
5:30	840 - 999	Data	1.605	5.197	-	-	3T
5:34	900 - 959	Shutters	1.582	5.199	-	-	3T



Observers: *Lee & Rob*  
 Cam Settings: *AV2x (over)*

UT date: *2010, Aug 31*

Object: *5 Cass (col)*

Weather: *Light Woods*  
 Seeing: *6-8 arc*

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

B1  
*51*

B2  
*E1*

B3  
*W1*

B4  
*U2*

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

Local Time  
(HA)

File#

*FB*

*30*

*100*

*100*

*30*

*21:27*  
*-3:55*

*21:41*  
*-3:40*

*0:000*  
*00U1*

*Data*

*0:190*

*6:439*

*6:615*

*-*

*data not being saved*

*21:05*  
*-3:13*

*00U2-*  
*0121*

*Shake*

*0:119*

*6:134*

*4:249*

*-*

Observers: Gen & Ross  
 Cam Settings: Aboard (ok)

UT date: 2010 Aug 3rd

Object: 7 And

Weather: Light clouds  
 Seeing: 6-8 cm

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

B1	B2	B3	B4
S1	E1	W1	W2

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

Local Time (HA)	File#	Info Type	B1	B2	B3	B4	Comments
22:24	0122-	FE	100	875	500	300	7.9u1
22:44	0181	Data	1.090	7.626	8.081	-	E1 6.94u 0.525 W1 7.485
22:54	0190	Shutters	1.079	7.534	8.003	-	skipped
22:55	192-	Shutters					7.9u1
23:01		Shutters					7.9u1
23:09	0852-	FE	800	500	500	450	
23:34	0311	Data	1.009	7.131	7.585	-	
23:43	0312-	Shutters	0.952	7.082	7.417	-	
23:30	0371	Shutters					

Observers: East & Rob  
 Cam Settings: Aboard (Date)

UT date: 2010, Nov 3<sup>rd</sup>

Object:  $\tau$  And

Weather: Light clouds  
 Seeing: 5-11 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.)

03:50 0372-0431 Date FE 60 50 80 100 E1 ~~6.848~~ 0.155  
 W1 7.017

-03:27 0432-0451 Date Data 0.240 6.192 6.325  
 Lost E1 stars for position or data set

03:58 0482-0511 Shutterers 0.275 6.196 6.285

-3:20











Observers: Gail & Ross

Cann Settings: A Bows (Emmed)

UT date: 2010 Aug 3<sup>rd</sup>

Object: 7 And

Weather:

Seeing:

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

B1  
S2

B2  
E2

B3  
W1

B4  
W2

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

recent alignment? etc.)

FE

48

130

170

140

3:10  
+00:07

1252-  
1291

Data

1.422

4.765

5.304

-

W1 5.910

3:15  
00:02

1292-  
1351

SKHArms

1.111

4.863

5.329

-

E2 4.150





Observers: Gail & Rob  
 Cam Settings: # bond (Imv)

UT date: 2010, Aug 3<sup>rd</sup>

Object: 7 And

Weather: Clear  
 Seeing: 8-15 arc  
 Comments (Reference Cart Position, image quality, recent alignment? etc.)

Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux, etc)	B1 SR	B2 E2	B3 W1	B4 W2	
5:05	1112-	FE	500	1500	1200	1000	
1:33	1711	Data	1.513	5.104	5.559	-	
5:10	1712-	Shutters	1.537	5.114	5.509	-	
1:28	1731	FE	500	1000	-	1000	
5:25	1732-						
1:43	1791	Data	1.530	5.114	-	-	3T
5:25	1797-	Shutters	1.529	5.151	-	-	
1:47	1931						
5:36	1932-						
1:53	2011	Data	1.538	5.165	-	-	3T
5:40	2012-						
1:58	2071	Shutters	1.539	5.165	-	-	W1 crashed



Observers: Xiao, Chris, Rob  
 Cam Settings: John, Fabien

UT date: 2010 August 04

Object: Zet Aql

Weather: Clear  
 Seeing: 14 cm

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

Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux, etc)	B1	B2	B3	B4	Weather: Seeing:	Comments (Reference Cart Position, image quality, recent alignment? etc.)
20:57 -2:55		FE	S1	E1	W1	W2		
9:24 -0:36		FE	4	10	6	12	Zet Aql.	
			0.8 V -0.385 -1.255	6 V 4.975 4.145	4 V 4.925	5.725	no fringe	
10:06 -02:33		FE	<del>3</del> 3	10 54	5 5	4	Del del	
			1 V	54	54		S1: -0.12, E1: 6.08	
							b1: z = 11582	
							11572 + 40	
							-40	
							-20	
							130	
							1182 = bad!	
							11592 = bad!	

Observers:  
Cam Settings:

UT date: 2010 Aug 4

Object:

Tau - Cyg 202  
Reg

Weather: clear  
Seeing: 8-9 arc

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

Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux, etc)	B1	B2	B3	B4	Weather: Seeing:	Comments (Reference Cart Position, image quality, recent alignment? etc.)
11:27 -01:42		FE	5	E1	W1	W2	clear 8-9 arc	
		FF	1W	5↑	5↑			
	0000-0059	Data	-0.049	6.232	5.498	7.01		
12:00 -01:09	0060- <del>01</del> 119	Shutter	-0.024	6.245	5.455			
12:12 -02:23		FE	6	8	3	5		
		FF	1W		5↑			
12:33 -02:03	120-	DATA	0.006	6.307	6.222			
-01:57	0180-	Shutter	0.096	6.249	6.164			
	240-249	foreground						

E1: 6.29, W1: 6.19  
lose fringe in last 3 files  
Tau Cyg. The target name  
of data is wrong!!

E1 = 6.309  
S1 = 6.034

Zet Reg target name  
of data is wrong  
Forget to unlock fringe during  
foreground data. Hope is OK

fringe unlocked

Observers:

Cam Settings:

UT date:

2010 Aug 02

Object:

RR Reg

Weather:

16cm

Seeing:

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

Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux, etc)	B1	B2	B3	B4	Weather:
12:54			S1	E1	W1		
-02:06		FE	10	30	13	15	S1 : 2.098
1:02							
-01:57	250-	DATA	0.034	6.184	5.938		E1 : 6.173
	310-	DATA	0.059	6.147	5.898		37 data, W1 <del>not</del> missing
<del>3:55</del>	355-	Shutter					target none to worry
1:26							
-01:33	415-	DATA	0.082	6.147	5.793		
1:38	475-	Shutter					
2:10							
<del>2:10</del>							
2:05							
-01:19	535-	DATA	0.23	6.12	5.479		UPS-reg
2:14							
-01:11	595-	Shutter	0.311	6.186	5.439		S1 E1
2:20							0 ko1
		FE	7	14	.8	8	
-01:03	655-	DATA	0.309	6.202	5.439		
2:28							
-00:57	715-	Shutter	0.329	6.266	5.418		

Observers:  
Cam Settings:

UT date: 2010 Aug 04

Object: 39

Weather: clear  
Seeing: 14-16

Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux, etc)	B1	B2	B3	B4	Weather: Seeing:	Comments (Reference Cart Position, image quality, recent alignment? etc.)
<del>2:45</del>	<del>775</del>	FE	4	E1	4	5		37 And
2:52	775-	DATA	0.340	6.130	5.531			E1: 6
<del>2:57</del>	835-	Shutter	0.350	6.122	5.511			W1: 5.422
3:04		FE	4	12	5	10		
3:13	895-	DATA	0.372	6.124	5.425			
<del>3:19</del>	955-	Shutter	0.375	6.159	5.428			
<del>3:26</del>								
<del>3:28</del>								
3:28		FE	12	38	10	20		not in
3:43	1015-	DATA	0.196	6.114	5.671			
<del>3:49</del>								
3:49	1075-	Shutter	0.191	6.1	5.652			
4:02								
<del>4:10</del>	1135-	DATA	6.259	6.098	5.529			FE
4:10		Shutter						
<del>4:14</del>	1195-	Shutter						

Observers:  
Cam Settings:

UT date: 26 Aug 09

Object: 8 Tri & 16 Per

Weather:  
Seeing:

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

Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux, etc)	B1	B2	B3	B4	Weather: Seeing:	Comments (Reference Cart Position, image quality, recent alignment? etc.)
4:25		FE	3	6	3	4		Cam Tri
-1:50								
4:37	1255 -	DATA	0.33	6.174	5.413			E1: 6.07
-1:40								
4:43	1315 -	Shutter	0.383	6.221	5.397			W1: 5.58
-0:33								
4:55		FE						E1: 6.85
-0:22	1375 -	DATA	0.365	6.220	5.364			W1: 6.133
5:00								
-0:16	1435 -	Shutter	0.410	-6.251	5.354			
5:12								
-0:38		FE	5	12	4	10		16 Per
5:19								
-0:31	150 -	DATA	0.396	6.214	5.396			
5:25	1495 -							
-0:25	1555 -	Shutter	0.429	6.242	5.369			

Observers: *James, PJ,*  
 Cam Settings: *John*

UT date: *2010 Aug 05*

Object: *G-Gyg, Deneb*

Weather:  
 Seeing:

Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux, etc)	B1	B2	B3	B4	Comments (Reference Carl Position, image quality, recent alignment? etc.)
<i>20:51</i>		<i>FE</i>					<i>S2 : 1,276, <del>4</del></i>
<i>-04:23</i>							
<i>21:25</i>		<i>Fringes</i>	<i>1.275</i>	<i>6.581</i>	<i>6.538</i>	<i>—</i>	<i>E1 : 5 ↑</i>
<i>-03:49</i>	<i>41-</i>	<i>DATA</i>					<i>W1 : 8 ↓ E1. 6.605</i>
<i>21:28</i>							
<i>-03:46</i>	<i>101-</i>	<i>Shutter</i>	<i>1.276</i>	<i>6.496</i>	<i>6.783</i>		<i>S2 : 1,316, W1 : 7,280</i>
<i>22:20</i>		<i>Finders</i>					
<i>-02:18</i>		<i>trape</i>	<i>1 ↑</i>	<i>6 ↑</i>	<i>7 ↓</i>		<i>Deneb</i>
<i>22:39</i>							
<i>-01:59</i>	<del><i>101-</i></del>	<i>DATA</i>	<i>1.359</i>	<i>5.939</i>	<i>5.589</i>		<i>E1 : 6.45, W1 : 6.43</i>
<i>22:42</i>							
<i>-01:56</i>	<del><i>101-</i></del>	<i>DATA</i>	<i>1.383</i>	<i>5.941</i>	<i>5.570</i>		<i>S2 : 2.1</i>
<i>22:46</i>							
<i>-01:51</i>	<i>281-316</i>		<i>1.385</i>	<i>5.927</i>	<i>5.539</i>		<i>S2 : 1,380</i>
<i>-01:50</i>	<i>317-</i>	<i>Shutter</i>					

Observers:  
Cam Settings:

UT date: 20/0 August

Object: 7-And

Weather: Clear  
Seeing: 7-11 arc

Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux, etc)	B1	B2	B3	B4	Weather: Seeing: Comments (Reference Carl Position, image quality, recent alignment? etc.)
23:20:00		FE	S2	E1	W1	W2	S2 = 1.251 W1 = 6.53
20:13:37							
				7V	6V		
			1.328	6.447	6.576		
23:28	377-	DATA	1.321	6.428	6.571		W1 is acting crazy
-03:41							
23:32	437-	DATA	1.332	6.395	6.517		E1 lost in a few frames.
-03:37							
23:38	497-	Shutter	1.330	6.335	6.459		E1 is gone
-03:31							
23:46	557-	Shutter					another shutter just E1 & progress
-03:23							

Observers:  
Cam Settings:

UT date:  
2010 Aug 25

Object:  
R Y - Cas

Weather:  
Seeing:

Local Time  
(HA)

File#

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

B1  
S2

B2  
E1

B3  
W1

B4  
W2

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

12:00

FE

3

30

7

15

S2: 1.395

12:49

577-

DATA

1.392

6.743

6.935

S2: 1.351, E1: 6.730

-04:04

637-

Shutter

1.391

6.679

6.852

E1: 6.545 W1: 6.550

1:04

697-

DATA

1.416

6.661

6.743

-03:49

757-

Shutter

1.414

6.561

6.868

1:09

FE

1:25

817-

DATA

1.429

6.448

6.571

-03:28

877-

Shutter

1.442

6.454

6.471

1:30

-03:22



Observers:  
Cam Settings:

UT date:  
20/08/05

Object:  
37 Andromeda, Pel Cas

Weather:  
Seeing: Clear  
9-8 am

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.)

1:55	937-	DATA	1.37	6.047	6.1			37 - Andromeda
<del>2:01</del>								
-02:57	997-	Shutter	1.452	6.007	6.039			
2:01								
-02:52	1057-	DATA	1.378	5.924	5.899			
2:44								
-02:39								
<del>2:23</del>								
-02:30	1117-	Shutter	1.395	5.911	5.820			
2:51		FE	1↑	5.5↑	7↓			E1: 5.901 - W1: 5.824 Pel Cas
-02:31	1177-	DATA	1.451	6.14	6.053			
2:57								
-02:25	1237-	Shutter	1.451	6.120	6.01			
3:09								
-02:12	1297-	DATA	1.439	6.071	5.939			
3:15								
-02:07	1357-	Shutter	1.458	6.059	5.902			



Observers: *R. Xiao, Kob*  
 Cam Settings:

UT date: *2010 Aug 06*  
 Object: *2 - Cep & 7 stars*

Weather: *clear*  
 Seeing: *10 um*

Local Time (H:A)	File#	Info Type (offset, FG, BG Data, flux, etc)	B1	B2	B3	B4	Weather: Seeing:	Comments (Reference Cart Position, image quality, recent alignment? etc.)
<i>21:12</i>		<i>FE</i>	<i>S2</i>	<i>E1</i>	<i>W1</i>	<i>W2</i>		<i>Delay line is acting weird</i>
<i>-03:58</i>		<i>FE</i>						
<i>22:04</i>		<i>FE</i>	<i>1A</i>	<i>S5A</i>	<i>65V</i>			
<i>-03:07</i>		<i>FE</i>						
<i>22:41</i>	<i>12-</i>	<i>DATA</i>	<i>1.38</i>	<i>6.767</i>	<i>6.09</i>	<i>Scrappy</i>		<i>by accidentally closed at the</i>
<i>22:49</i>	<i>72-</i>	<i>Shutter</i>						<i>end, the last two files</i>
<i>-02:21</i>		<i>Shutter</i>						<i>one had, only 3T</i>
<i>23:08</i>		<i>DATA</i>	<i>1.470</i>	<i>6.888</i>	<i>5.940</i>			<i>Shutter foreground has</i>
<i>-02:02</i>	<i>132-</i>	<i>DATA</i>						<i>traces at the first two files</i>
<i>23:15</i>	<i>194-</i>	<i>Shutter</i>	<i>1.470</i>	<i>6.119</i>	<i>5.903</i>			<i>just take a lot of field,</i>
<i>-01:56</i>		<i>Shutter</i>						<i>the data quality should</i>
								<i>be better.</i>

*Shutter foreground has traces at the first two files just take a lot of field, the data quality should be better.*

*S2 ~ 7.33, E1 ~ 6.888  
 E1 ~ 6.217, W1 ~ 6.040*

*W1 at 27.6, ~~at~~ error is large.*

Observers:  
Cam Settings:

UT date:

20/5 Aug 06

Object:

7 And

Weather:

Seeing:

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

Local Time (H/A)

File#

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

B1

B2

B3

B4

Sc = -4.620, E1:0.024

W2: -5 → -9

-55 → -13

-45 → -8

Sc: -4.2

no fring on W2 at all.

37 And

Sc: -4.856, E1: -0.123

-4.782, -0.106

-4.57, 0.027

FE

-4 ↓  
-10

1 ↓

-7 ↑

-7 ↓  
-3

no W2 fringe.

Observers:  
Cam Settings:

UT date:  
20/08/2008

Object:  
χ Tri 816 Rev

Weather:  
Seeing:

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

Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux, etc)	B1	B2	B3	B4
2:52	254-	FE	-4.54	N	4	-7↑
-03:17	254-	DATA	-5.136	<del>E1</del> -0.21		-6.411
2:58	314-	DATA	-5.04	<del>E1</del> -0.28		-6.291
-03:11	314-	DATA	-4.969	-0.158		-6.239
3:01	344-	Shutter				
3:14		FE				
-02:55						
3:26	404-	DATA	-4.983	-0.192		-6.276
-02:43	464-	Shutter	-4.937	-0.163		-6.207
3:32						
-02:37						
3:43	524-	DATA	-4.769	-0.102		-6.062
-02:26						
3:50	584-	Shutter	-4.692	-0.1		-5.991
-02:19						

← S2 = 1.234, E1 = 6.273  
~~W1 = 6.430~~  
 lose E1 is the middle

16-Per  
 S2 = -4.915  
 E1 = 0.004

Observers:  
Camm Settings:

UT date: 20/08/07

Object: Angel & Eta Aur

Weather: PCW  
Seeing: PCW

Local Time (LHA)	File#	Info Type (offset, FG, BG Data, flux, etc)	B1	B2	B3	B4	Comments (Reference Cart Position, image quality, recent alignment? etc.)
-03:01		FE	S2	E1	W1	W2	
4:10	644-	DATA	-4.619	0		-5.928	← flat field
2:50							E1 out of delayline cut last few files.
4:26	704-	SHUTTER	-4.608	-0.021		-5.888	
-02:44							
4:40		FE	-4.611	0.07		-8.1	
4:52							
-04:06	764-	DATA	-5.795	-0.356		-7.023	
4:59	824-	SHUTTER	-5.714	-0.380		-6.945	
-03:59							

~~test~~ beam, tree in beam

S2 = -5.05  
E1 = 0.1495  
Eta Aur

Rel per

-4.56 -6.05  
S2 W2

Observers:  
Cam Settings:

UT date:  
2010 Aug 07

Object: ~~Polaris~~ Ori Amd

Weather:  
Seeing:

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

Local Time (HA)	File #	Info Type (offset, FG, BG Data, Flux, etc)	B1	B2	B3	B4	
21:20		FE	S1	E1	W1	W2	
-03:10							S1 :- 5.860
23:53	36-	DATA	-5.882	-0.593			E1 :- -0.540
<del>02:57</del>							
23:58	96-	Shutter	-5.782	-0.541			S1 :- -5.652
-02:52							E1 :- -0.461
12:23		FE					
12:23	156-	DATA	-5.572	-0.421			
-02:27							
12:35	259-	Shutter	-5.474	-0.354			
-02:15							
1:09	39-	DATA	-6.351	-0.835			37 - Amd
03:36							
12:14	379-	Shutter	-6.264	-0.808			
-03:30							
12:28	439-	DATA	-6.040	-0.730			E1 :- W1 -0.49
-03:17							W2 :- -6.830
13:34	499-	Shutter	-6.005	-0.673			S1 :- -6.045
-03:11							W2 :- -6.830

Observers:  
Cam Settings:

UT date: 2010 Aug 07

Object: Upsilon And

Weather:  
Seeing:

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

Local Time (HA)	File #	Info Type (offset, FG, BG Data, flux, etc)	B1	B2	B3	B4	
12:58	559-	DATA	=6.144	-0.7		-6.912	S1 = -5.859 E1 is out
-02:247	649-	Shutter	=6.010	-0.627		-6.790	E1: 0 for some files
2:206	709-	DATA	=5.930	-0.614		-6.642	Upsilon And
-02:139	769-	Shutter	=5.84	-0.589		-6.576	
2:217	829-	DATA	=5.528	-0.413		-6.372	
-02:127	889-	Shutter	=5.519	-0.402		-6.334	Phi per. S1 = -5.859
2:223	949-	DATA	=5.457	-0.357		-6.245	W2 = -6.588
-02:121	1009-	Shutter	=5.363	-0.301		-6.183	S1 = -6.329
2:256							E1 = -6.122
-02:36							
3:101							
-02:30							
3:124							
-02:17							
3:119							
-02:12							
3:53	1069-	DATA	=6.791	-0.888		-7.520	zet Per
-03:49	1240-	Shutter					Stephen is trying to find fringe
							E1 = -0.641 find fringe
							W2 = -7.330
							S1 = -6.403, W2 = -7.170



Observers:  
Cam Settings:

UT date: 2010 Aug 07

Object: Eps Per

Weather:  
Seeing:

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

Local Time (HA)	File#	Info Type (offset, F.G, BG Data, flux, etc)	B1	B2	B3	B4
4:38	1300-	DATA	S1	E1	W1	W2
-03:04			-5.894	-0.568		-6.609
4:44	1360-	Shutter	-5.885	-0.5		-6.536
-02:57						
4:59	1420-	DATA	-5.668	-0.382		-6.366
-02:43						
5:05	1480-	Shutter	-5.653	-0.394		-6.336
-02:37						
5:23	1540-	DATA	-6.223	-0.715		-6.950
-02:31						
5:28	1600-	Shutter	-6.112	-0.678		-6.884
-03:26						

S1: -6.353, W2: -7.07  
E1: -0.872, W2: -7.01

1/0 - Airy

Observers: *Arao, Chris*  
 Cam Settings: *Rob*

UT date: *26/08/08*

Object: *γ-Lyr & Reneb*

Weather:  
Seeing:

Local Time (HA)  
 Info Type (offset, FG, BG Data, flux, etc)

B1  
 B2  
 B3  
 B4

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

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.)
<i>20342</i>		<i>FE</i>	<i>1V</i>	<i>S2</i>	<i>E2</i>	<i>W2</i>	<i>γ cent alignment? etc.)</i>
<i>-02:07</i>							<i>γ Lyr</i>
<i>21:13</i>	<i>13-</i>	<i>DATA</i>	<i>1.157</i>	<i>2.77</i>	<i>1.583</i>		<i>S1: 0.26</i>
<i>-01:31</i>							
<i>21:18</i>			<i>1.181</i>	<i>2.784</i>	<i>1.62</i>		<i>E1 offset E2: 0.680</i>
<i>-01:26</i>	<i>43-72</i>		<i>1.213</i>	<i>2.794</i>	<i>1.589</i>		<i>γ delay? S1: 0.22</i>
<i>21:21</i>			<i>1.198</i>				<i>S2: 1.89</i>
<i>-01:22</i>	<i>73-</i>	<i>Shutter</i>	<i>1.213</i>	<i>2.777</i>	<i>1.605</i>		
			<i>1V</i>	<i>3V</i>	<i>1V</i>		<i>Reneb</i>
			<i>75</i>	<i>25</i>	<i>50</i>		
<i>21:58</i>							<i>S1: 0.75, E2: 1.21</i>
<i>-02:07</i>	<i>133-</i>	<i>DATA</i>	<i>1.126</i>	<i>2.826</i>	<i>1.592</i>		<i>S2: 2.45, E2: 1.13</i>
			<i>1.079</i>	<i>2.781</i>	<i>1.586</i>		<i>1.529</i>
		<i>Shutter</i>					
		<i>DATA</i>	<i>1.132</i>	<i>2.811</i>	<i>1.57</i>		

Observers:  
Cam Settings:

UT date:  
2010 August

Object: 1  
tau Cyg

Weather:  
Seeing:

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

Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux, etc)	B1	B2	B3	B4	Weather: Seeing:	
22:23:37		FE	E1 S1 S2	S2 E1 E2	W1 E1	W2 E2	go down about 3mm not fris	
22:22			2V	0V	5	8		
			15			10 counts		
			-1.1			-3.8	S2: -1.5%	
			-0.14			0	W	
			No frise					E1: 2.1%
							W2: -3.8%	
			G -2V -4	G 0V 2	G -5V -7	G -5V -4.3	Ups Reg	
			-2V	0V		-2.3V	E1: -0.58%	
23:25:59	325-	DATA	0.849	-0.639		-1.876	S2: -0.28, W2: -2.9%	
23:25:10								
12:05			0.831	-0.687		-1.887	lose E1 at the end	
03:05								
012:08	415-	Shutter						
03:02								

Observers:  
Cam Settings:

UT date:  
20/0 Aug 08

Object: 37 And  
γ - Cas

Weather:  
Seeing:

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

Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux, etc)	B1	B2	B3	B4
12:31	495-	DATA	IV	OV		-2↑
<del>12:33</del>	<del>495-</del>	<del>DATA</del>	<del>-0.331</del>	<del>0.980</del>		<del>-1.787</del>
12:37	535-	Shutter	-0.461	0.966		-1.788
12:45	595-	DATA	-0.464	0.954		-1.813
<del>12:51</del>	<del>655-</del>	<del>Shutter</del>	.			
12:21	0715-	DATA	-0.456	1.020		-1.826
03:20			-0.481	1.034		-1.826
12:31	805-	Shutter				
03:10						
12:45	865-	DATA	-0.473	1.057		-1.822
<del>02:56</del>						
12:55	955-	Shutter	-0.484	1.075		-1.830
<del>02:46</del>						

S2 = 0.802, W2 = -1.878

γ Cas lose E1 in the middle  
E1 = -0.458  
W2 = -1.878.

↖ lose E1 in foreground data  
↖ lose S2 in the middle

Observers:  
Cam Settings:

UT date:  
2010 Aug 08

Object:  
Rel cas 88 Tri

Weather:  
Seeing:

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

Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux, etc)	B1	B2	B3	B4	
22:17	1015-	DATA	<del>E1</del>	S2	W1	W2	E1: -0.484 W2: -1.850
22:20	1165-	Shutter	-0.513	1.015		-1.852	
22:30	1165-	DATA	-0.481	1.059		-1.840	E1: -0.464, S2: 1.075
22:40	1225-	Shutter	<del>1.043</del>	1.043		-1.854	W2: -1.860
22:35			-0.511				Rel Cas
22:07	1285-	DATA	-0.654	0.938		-1.867	
22:15	1345-	Shutter	-0.641	0.951		-1.861	88 Tri
22:12							
22:49							
22:34	1405-	DATA	-0.683	0.886		-1.890	E1: -0.512, S2: 1.039
22:27							
22:39	1465-	Shutter					
22:22							

Observers:

Cam Settings:

UT date: 20/0 Aug 8

Object: 16 Per & Argel

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.)

4201

1525-

DATA

E1

S2

W1

W2

E1: -0.692, S2: 0.905

4206

1585-

Shutter

-0.582

0.942

-1.856

E1: -0.282, W2: 2.040

4207

1723-

Shutter

-0.555

0.950

-1.863

16 Per

4208

1645-

DATA

-0.614

0.996

-1.859

4242

1783-

DATA

-0.529

0.976

-1.855

Argel

4251

1813-

Shutter

b2, b3, b4, foreground

-1.856

one bad !!! SR: -0.512

5:03

1950-

Shutter

b2 -> bad

5:24

2020-

DATA

-0.511

0.999

-1.814

Eta C10 Aur

5:31

2080-

Shutter

-0.565

0.945

-1.821

E1 is bad, lose target. foreground to ok, E1 is bad

5:31

2140-

Shutter

E1 only

Observers:  
Cam Settings:

UT date: 2010 Aug 09

Object: ~~Star~~   
 ~~Star~~   
 Reg

Weather: Seeing: 1.0

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.)
20:55		FE	S1(G)	E1(G)	W1(G)	W2(G)	E1: -1.470, W2: -4.520
20:42		FE	-0.346	2.280		-3.52	S1: <del>-1.470</del> , E1: -1.617
			-1.143	1.478		-1.985	W2: -1.9509
						-1.875	S1: Gyg
							E
1:01	34-	PRTA	-1.579	0.704		-1.999	E1: 1.09, W2: -1.61, S2: -1.2
20:44	94-	Shutter	-1.565	0.697		-2.077	α Reg
1:06		FE					
20:39		FE					
1:28	154-	DATA	-1.540	0.738		-2.025	
20:27	214-	Shutter	-1.52	0.759		-2.036	
1:24							
20:27							

Observers:  
Cam Settings:

UT date:  
20/0 Aug 09

Object:  
2 Peg & Ups

Weather:  
Peg  
Seeing:

Local Time (H/A) | File# | Info Type (offset, FG, BG Data, flux, etc) | B1 | B2 | B3 | B4 | Comments (Reference Cart Position, image quality, recent alignment? etc.)

1.341 | 274 - | DATA | -1.527 | 0.785 | | -2.080 | last E1 at last few files

0.1504 | | | | | | | |

1.246 | 313 - | Shutter | | | | | |

2.109 | 373 - | DATA | -1.326 | 1.019 | | -2.014 | Ups Peg

0.158 | | | | | | | |

2.109 | | | | | | | |

0.158 | | | | | | | |

2.109 | | | | | | | |

0.158 | | | | | | | |

2.109 | | | | | | | |

0.158 | | | | | | | |

2.109 | | | | | | | |

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2.109 | | | | | | | |

0.158 | | | | | | | |

2.109 | | | | | | | |

0.158 | | | | | | | |

2.109 | | | | | | | |

0.158 | | | | | | | |

2.109 | | | | | | | |



Observers:

Cam Settings:

UT date:

20/08/09

Object:

$\alpha = \text{Tri} \delta \delta \text{Tri}$

Weather:

Seeing:

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

B1

S1

B2

E1

B3

W1

B4

W2

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

S1: -1.446, W2: -2.02

$\alpha$  Tri

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.)
3:22.5	733-	DATA	-1.354	0.871		-1.881	
3:30	793-	Shutter	-1.345	0.869		-1.887	
3:49	853-	FE	30	54	12	17	
01:44	913-	DATA	-1.294	0.947		-1.902	
4:04	973-	Shutter					
01:53		DATA	-1.27	0.977		-1.879	
4:11	1033-	DATA	-1.302	0.992		-1.888	$\gamma$ Tri
01:46		Shutter					
4:27	1093-	DATA	-1.256	1.054		-1.911	
01:30		DATA					
4:32	1153-	Shutter	-1.221	1.091		-1.923	
01:25							

Observers:

Cam Settings:

UT date:

20/08/09

Object:

16 Per & nu Tau

Weather:

Seeing:

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

Local Time (HA)

File#

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

B1

S1

B2

E1

B3

W1

B4

W2

4:46

-01:11

1213-

DATA

-1.212

1.038

-1.893

lose S1 in the middle

1319-

Shutter

-1.196

1.098

-1.885

S1: -1.326

5:16

-02:20

1379-

DATA

-1.327

0.841

-1.877

5:20

-02:16

1339-

Shutter

-1.309

0.870

-1.887

nu Tau