Observers: Gail & Rob	UT date: 8/10/10	Object: 5 Cyg	Weather: Clear
Cam Settings: H-band (only)			Seeing: 4-7 cm

Local Time (HA)	File#	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.)
		FE	5	10	3	5	← max intensity
							S1 = 0.7
							E1 = 6.5
							W1 = 6.5
							E1 6.752
							W1 6.0[illegible]
21:22							
21:46 -3:00	0000 - 0039	Data	-0.880	0.619	—	-1.884	switched to W1 as ref cart
							S1 = 6.5
							E1 = -1.2
21:53 -3:02	0060 - 0119	Shutter	-0.860	0.655	—	-1.868	
							S1 = *0.560
							E = .907
21:59 -2:56		FE	5	11	4	9	
22:07 -2:49	0120 - 0179	Data	-0.843	0.622	—	-1.850	
22:11 -2:43	0180 -	Shutter	-0.8[illegible]	0.627	—	-1.876	

Observers: Gail & Rob	UT date: 2010 Aug 9th 8/10/10	Object: λ And	Weather: Clear
Cam Settings: H band (2.4μ)			Seeing: 7-9cm

Local Time (HA)	File#	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.)
		FE	53	55	25	49	
22:32 -2:23	0280 - 0299	Data	-0.547	1.004	–	~~0.021~~	S1 - 0.879 E1 0.993 W2 -2.012 looked at wrong baseline
22:37 -2:18	0300 - 0359	Shutters	-0.630	1.004	–	-1.795	
22:43 -2:12		FE	64	92	31	77	
22:57 -1:57	0360 - 420	Data	-.640	0.870	–	-1.813	
23:05 -1:50	421 - 0479	Data	-0.668	0.857	–	-1.814	
23:09 -1:04	0480 - 539	Shutters	-0.721	0.822	–	-1.750	

Observers: Bill + Rob	UT date: 2010 Aug 8th	Object: 7 And	Weather: Clear
Cam Settings: Albert (Grad)			Seeing: 0-7cm

Local Time (HA)	File#	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.)
		FE	5	7	3	10	
23:30 -3:20	540 - 599	Data	-0.782	0.630	-	-1.882	
23:35 -3:15	600 - 659	Shutters	-0.818	0.677	-	-1.869	
23:42 -03:08		PE	6	13	6	11	
23:51 -2:56	660 - 719	Data	-0.761	0.729	-	-1.840	
23:55 -02:55	720 - 779	Shutters	-0.741	0.660	-	-1.855	

Observers: Cecil & Rob	UT date: 2010 Aug 9th	Object: λ And	Weather: Clear
Cam Settings: H band (only)			Seeing: 5-7 cm

Local Time (HA)	File#	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.)
		FE	84	114	45	117	
00:15 -03:00	0780 - 0839	Data	-0.700	0.654	-	-1.874	
00:20 -2:55	0840 - 0899	Shutter	-0.827	0.647	-	-1.869	
00:25 -2:49		FE	63	122	51	104	
00:42 -02:33	0900 - 0959	Data	-0.807	0.649	-	-1.888	
00:44 -02:31	0960 - 1019	Shutter	-0.787	0.673	-	-1.877	
00:54 -02:21		FE	48	120	38	94	
00:59 -2:44	1020 - 1079	Data	-0.750	0.645	-	-1.891	
1:03 -2:12	1080 - 1139	Shutter	-0.715	0.679	-	-1.873	
1:11 -2:03		FE	68	103	48	93	
1:20 -1:54	1140 - 1199	Data	-0.759	0.710	-	-1.877	
1:25 -01:50	1200 - 1259	Shutter	-0.733	0.706	-	-1.892	

Observers: Gail & Rob	UT date: 2010 Aug 10th	Object: 37 And	Weather: Clear
Cam Settings: H band (6x6)			Seeing: 5-7 cm

Local Time (HA)	File#	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.)
1:33 -3:00		FE	9	34	6	19	
1:43 -2:50	1260 - 1319	Data	-0.830	0.540	—	-1.890	
1:49 -02:46	1320 - 1379	Shutters	-0.823	0.540	-	-1.889	
1:54 -02:40	1	FE	13	33	7	9	
1:58 -2:36	1380 - 1439	Data	-0.833	0.525	-	-1.884	
2:03 -2:31	1440 - 1499	Shutters	-0.801	0.527	-	-1.887	

Observers: Gail & Rob	UT date: 2010 Aug 10th	Object: 7 And	Weather: Clear
Cam Settings: Aboard (Tunnel)			Seeing: 4-9cm

Local Time (HA)	File#	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.)
		FE	3	10	4	11	
3.01 00:11	1500-1559	Data	-0.104	1.265	–	-1.966	S -3.488 E -2.296 1.4
3.04 00:16	1560-1619	Shutters	-0.125	1.244	–	-2.001	

Observers: Gail & Rob	UT date: 2010 Aug 10th	Object: λ And	Weather: Clear
Cam Settings: Hband (Inner)			Seeing: 7-9cm

Local Time (HA)	File#	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.)
		FE	23	146	43	86	
3:26 00:11	1620 - 1679	Data	-0.143	1.264	-2.012	-	
3:31 00:16	1680 - 1739	Shutters	-0.175	1.233	-	-2.010	
3:37 00:22		FE	32	213	64	68	
4:02 00:47	1740 - 1799	Data	-0.147	1.245	-	-2.049	
4:06 00:51	1800 - 1859	Shutters	-0.168	1.257	-	-2.058	
		FE	39	86	41	67	
4:34 1:19	1860 - 1919	Data	-0.166	1.248	-	-2.106	
4:38 1:23	1920 - 1979	Shutters	-0.163	1.230	-	-2.120	
4:45 1:30		FE	27	47	25	37	
							MIRKWOOD CRASHED!

Observers: Geo & Rob	UT date: 2010 Aug 10th	Object: 37 And	Weather: clear
Cam Settings: H band (5 ms)			Seeing:

Local Time (HA)	File#	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.)
		FE	12	9	28	9	
5:08 00:34	1980 – 2039	Data	-0.276	1.229	–	~~0.242~~	→ lost a number of
	2040 – 2099	Data	-0.280	1.218	–	-2.140	baselines during
5:20 00:45	2100 – 2159	Shutter	-0.254	1.221	–	-2.142	this sequence
	~~2160~~	FE	5	14	4	7	Pretty because minimal
5:30 00:56	2160 – 2219	Data	-0.242	1.193	–	-2.148	Crested prism
5:34 1:00	2220 –	Shutter	-0.241	1.176	–	-2.148	

Observers: Bell & Rob

Cam Settings: H band (0.1s

UT date: 2010 Aug 11th

Object: σ Sig

Weather: Clear, light breeze

Seeing: 7-12 cm

Local Time (HA)	File#	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.)
		FE	5	9	5	6	
-2:40	0000-						
22:11	0059	Dete	-0.903	0.682	0 ~~-122~~	-1.868	
22:17	0060 -						
-02:33		Shutter	-0.876	0.700	–	-1.889	
							If spotter crashes need to restart astro pc. do not click send offset when taking shutters

CHARA–MIRC 4T

Observers: Scott + Rob

Cam Settings: Albera (6.00)

UT date: 2010 Aug 11th

Object: λ Aqr

Weather: Clear, light breeze

Seeing: 7-9 cm

Local Time (HA)	File#	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.)
		FL	46	92	49	63	-0.783
22:38 -04:33	0120-0180	Data	-0.646	1.082	–	-1.753	S2 2.796
22:43 -04:29	0181-0240	Shutter	-0.661	1.065	–	-1.759	-1.814
22:49 -04:22		FE	98	66	50	102	
23:06 -4:05	241-300	Data	-0.739	0.900	–	-1.820	S1 W2 -0.740 -1.840
23:11 -4:00	301-360	Shutter	-0.767	0.873	–	1.837	
23:18 -3:53		FE	103	76	50	104	
23:41 -03:29	0361-0420	Data	-0.826	0.714	–	-1.860	S1 E1 -0.741 0.933
23:43 -03:29	0421-0480	Shutter	-0.828	0.730	–	-1.921	9 foregrounds
23:49 -03:22	0481-0500	Shutter	-0.828	0.730	–	-1.921	men out of room S2 det. 23:19
							possibly lost E1 during shutter sequence.
							redid bem 2 + F6

Observers: Earl & Rob

Cam Settings: H band (Data)

UT date: 2010 Aug 11th

Object: 7 And

Weather: Clear, light breeze

Seeing: 5-10 cm

Local Time (HA)	File#	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.)
		FE	7 77	7	5	9	
00:37 -02:09	0501 - 0560	Data	-0.762	0.773	–	-1.834	
00:40 -02:03	0561 - 0620	Shutters	-0.736	0.805	–	-1.824	
00:51 -01:54		FE	9	9	7	6	
00:58 -01:49	0621 - 0680	Data	-0.717	0.814	–	-1.847 ~~0.041~~	
01:02 -01:43	0681 -	Shutters	-0.702	0.820	–	-1.849	

Observers: Gail Hall

Cam Settings: H band (out)

UT date: 2010 Aug 11th

Object: γ And

Weather: Clear, light breeze

Seeing: 7-9cm

Local Time (HA)	File#	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.)
		FE	63	161	34	81	
01:16 -01:55	0740- 0800	Data	-0.759	0.780	–	-1.849	
01:20 -01:50	0801- 0860	Shutters	-0.709	0.814	–	-1.950	
01:30 -01:41	0861 - 0920	Data	-0.712	0.814	–	-1.948	short hole 3T
	0921 - 0980	shutters					

Observers: Gail + Rob

Cam Settings: H bal (same)

UT date: 2010 Aug 11th

Object: 7 And

Weather: Clear, Light breeze

Seeing: 3-6 cm

Local Time (HA)	File#	Info Type (offset, FG,BG Data, flux,,etc)	B1 SR	B2 ER	B3 W1	B4 W2	Comments (Reference Cart Position, image quality, recent alignment? etc.)
		FE	5	6	5	7	
	0981 - 1040	Data	-0.036	1.923	–	-1.897	3T 'O home Cart click OL and MAN
	1041 - 1100	Shutters	-0.077	~~3~~	–	-1.923	Sends cart to 0.0m if home switch is not passed then off. H,7 Home to reset home switch.
02:49 00:03	1101 - 1120	Shutters					
02:58 00:12		FE	4	3	3	7	
02:59 00:13	1121 - 1180	Data	-0.076	–	–	-1.938	
03:04 00:18	1181 - 1187	Shutters					crash!
03:05 00:19	1188 - 1249	Shutters					SR -0.085 WR -1.914 lost light in W2 beam 4 to foreground

CHARA–MIRC 4T

Observers: Ba\HRob

Cam Settings: H band (Inner)

UT date: 2010 Aug 11[29]

Object: λ And

Weather: Clear, Light breeze

Seeing:

Local Time (HA)	File#	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.)
		FE	63	47	32	96	3T
3:29 ~~03:12~~ 00:18	1250 - 1309	DATA	-0.130	~~0.~~	-	-1.965	
03:33 00:22	1310 - 1369	Shutter	-0.143	-	-	-1.981	
03:44 00:33		FE	65	34	38	71	
03:49 00:37	1370 - 1429	Data	-0.110	-	-	-2.010	
03:53 00:42	1430 - 1489	Shutter	-0.139	-	-	-2.010	

CHARA–MIRC 4T

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Observers: Gail + Robb	UT date: 2010 Aug 11th	Object: 37 And	Weather: Clear, light breeze
Cam Settings: H band (Imna)			Seeing:

Local Time (HA)	File#	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.)
4:12 -00:17		FE	7	7	10	8	1490 – 1499 → blank
4:18 -00:11	1500 – 1559	Data	-0.284	–	–	-2.040	↑ S2 -0.033 W2 -1.801 to stop file sequence
4:24 -00:05	1560 – 1619	Shutters	-0.282	–	–	-2.050	3T ↓ Set Sine number to Ø and click Update DAQ Parameters
		FE	9	16	5	9	
4:39 -00:08	1620 – 1679	Data	-0.299	–	–	-2.073	
4:43 00:12	1680 – 1739	Shutters	-0.294	–	–	-2.074	
		LAM AND					
		FE	S2 59	E2 146	–	W2 92	Spoiler Crested at 04:04 UT
							0.614 -2.640

CHARA–MIRC 4T

Observers: JDM, XC, MZ, Fabien, Stefan, PJ

Cam Settings:

UT date: 20/10/Aug/12

Object: 37 And

Weather: Clear

Seeing: good, $r_0 \sim 10$ cm – 15

Local Time (HA)	File#	Info Type (offset, FG, BG Data, flux,,etc)	B1 S(1)	B2 E(5)	B3 W(1)	B4 N2(5)
1:44						
-2:41		Fringe	-5.72		Ref	
-2:39			-5.644		Ref	-6.26mm
2:01	0-69	DATA	-6.444	-0.322		-6.204
-2:25						
-2:12	70 — 139	BG.	-5.321	-0.120		-6.033
	F.E.					
-1:10	140-189	DATA	-4.911			-5.773
		Shutter				
-00:54		DJ	-4.805			-5.786

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

Low Res Grism ~ R ~ 150.

Cam Set up:

rows : 48, cols 160

row_off : 5, col_off : 40

NReads : 4, # of Frames : 1000

~~Pha~~ X Chan pos:

B1 : 94, B2 : 106, B3 : 125

B4 : 131

CHARA–MIRC 4T

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Observers:

Cam Settings:

UT date: Aug 12, 2010

Object: 45 Per

Weather:

Seeing:

Local Time (HA)	File#	Info Type (offset, FG,BG Data, flux,,etc)	B1 (1) S1	B2 (5) E1	B3 (1) W1	B4 (5) W2	Comments (Reference Cart Position, image quality, recent alignment? etc.)
-2:38	225-314	DATA	-5.639	-0.308	~~6.251~~	-6.251	
-2:25	315-359	Shutter	-5.469	-0.293		-6.081	
	360-409	DATA	-5.311	-0.124		-5.993	
-1:59	410	Shutter					

CHARA–MIRC 4T

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Observers:	UT date:	Object: Bet Aur.	Weather:
Cam Settings:			Seeing:

ocal Time (HA)	File#	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.)
-3:31	452- 472	DATA	-6.188	-0.644	-6.859		
		Shutter					too bright outside.
							Maybe can use shutter
							from another night w/ excell
							seeing.

Observers:	UT date:	Object:	Weather:
Cam Settings:	2010 Aug 13	7 And	Seeing:

ocal Time (HA)	File#	Info Type (offset, FG,BG Data, flux,,etc)	B1 1 S1	B2 5 E1	B3 1 W1	B4 5 W2	Comments (Reference Cart Position, image quality, recent alignment? etc.)
	DATA						fringes w/ Champ.
-2:21	169-218	DATA					

Observers:	UT date: 2010 Aug 13.	Object:	Weather:
Cam Settings:			Seeing:

ocal Time (HA)	File#	Info Type (offset, FG,BG Data, flux,,etc)	B1	B2	B3	B4	Comments (Reference Cart Position, image quality, recent alignment? etc.)
	Test data.			82125 → 103225			
	0 - 19	Fringe	✓	✓			B1 - B2 fringe in Lab.
	20 - 29	BAD DATA Don't Use					
	30 - ~~40~~ 42	B1					
	43 - 52.	B2.					
	53 - 72.	DATA	✓	✓			Lab fringe B1 - B2
✓	73 - 102	DATA		✓	66.000 → 23700		Lab fringe B2 - B3
✓	103 - 112	BG					
BAD.	113 - 114	B2					Someone blocked the Beams!!!
BAD	115 - 128	B3					
✓	129 - 138	B3					
don't use.	139 - 148	B4					
✓	149 - 158	DATA					
✓	159 - 168	B4					

Observers:		UT date: 2010 Aug 13		Object: Ups And			Weather:
Cam Settings:							Seeing:
ocal Time (HA)	File#	Info Type (offset, FG,BG Data, flux,,etc)	B1 1 S1	B2 5 E1	B3 1 W1	B4 5 W2	Comments (Reference Cart Position, image quality, recent alignment? etc.)
-3:32	219-288	DATA	-8.549	-1.060	\	-3.1	
-3:24	289-330	Shutter	-8.384	-0.988		-2.978	Shutter may not have E1 !!!
-3:08	331-	DATA	-8.195	-0.897	\	-2.772	
1:57 -03:04	356	Shutter	-8.171	-0.914	2.291	-2.738	
		F.E.					
		~~DATA~~					
	398-476	DATA					
	477-519	Shutter					

Observers:	UT date:	Object:	Weather:
Cam Settings:		Gam Tri	Seeing:

ocal Time (HA)	File#	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.)
	3~~88~~	DATA					
BAD -	520 - 569						
-2=35	570 - 619	DATA	-7.968	-6.842.		-2.493.	
	620 - 661	Shutter					

Observers: PJ, MZ, XC.
Cam Settings: JDM, F.B. SK.

UT date: 2010 Aug 13.

Object: Eps per

Weather: Good
Seeing:

ocal Time (HA)	File#	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.)
3:38 -3:44	662 – 711	DATA	-8.640	-1.045	←	-3.281	
-3:37	712 – 753	Shutter	-8.53	-1.094	~~8~~	-3.118	
		F.E					
-3:19	754 – 853	DATA	-8.308		.	-2.934	
-3:02	854 – 895	shutter	-8.189	-0.896	.	-2.694	

Observers:		UT date: 2010 Aug 13		Object: 10 Aur			Weather:
Cam Settings:							Seeing:
ocal Time (HA)	File#	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.)
-3:52.	896 – 953 ~~DATA~~	DATA	-8.729	-1.116	—	-3.434	
	954 – 995	Shutter					
		F.E					
	996 – 1025	DATA					
	1026 – 1055	Shutter					

Observers:	UT date:	Object:	Weather:
Cam Settings:	2010 Aug 13	Bet Aur.	Seeing:

ocal Time (HA)	File#	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.)
-3:58	1056-1125	DATA	-8.725	-1.18		-3.440	
-3:51	1126-1155	Shutter	-8.597	-1.096		-3.324	
-3:41	1156-1213	DATA					
	1214-1243	Shutter					

Observers:	UT date: 2010 Aug 14	Object: The Dra	Weather:
Cam Settings:			Seeing: $r_0 \sim 10$ cm

Local Time (HA)	File#	Info Type (offset, FG,BG Data, flux,,etc)	B1 1 S2	B2 3 E2	B3 1	B4 5 W2	Comments (Reference Cart Position, image quality, recent alignment? etc.)
21:03 01:39			-4.549			Ref.	
21:05 01:41	0 — 59	DATA	-4.526	0.762			
21:14 01:50	60 — 101	Shutter	-4.508	0.730			
		F.E.					
21:26 02:02	102 —	DATA	-4.500	0.782			
	—290	Shutter					

Observers:	UT date:	Object:	Weather:
Cam Settings:	2010 Aug 14	Tet Cyg (cal)	Seeing:

Local Time (HA)	File#	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.)
22:31 -00:27	291-340	DATA	-6.615	-1.425	Ref	-1.921	
22:35 -00:22	341-376	shutter	-6.337	-1.093	-1.707		
		F.E.					
	377-446	DATA.	-6.593	-1.421	-1.912.		
	-482	shutter.					

Observers:	UT date:	Object:	Weather:
Cam Settings:	2010 Aug 14	Omi And	Seeing:

ocal Time (HA)	File#	Info Type (offset, FG,BG Data, flux,,etc)	B1 1 S1	B2 5 E1	B3 1 W1	B4 5 W2	Comments (Reference Cart Position, image quality, recent alignment? etc.)
23:46 -2:37	483 – 542	DATA	-8.106	-0.755	-2.430		
	543 – 584	Shutter					
		F.E					
	585 – 536	DATA					
-1:59	536 – 678	DATA	\	-0.552	-2.146		
-1:51	679 –	Shutter					

Observers: M2, PJ, XC, R.P.	UT date: 2010 Aug 14	Object: 37 And.	Weather:
Cam Settings:			Seeing:

ocal Time (HA)	File#	Info Type (offset, FG,BG Data, flux,,etc)	B1 1 S1	B2 5 E1	B3 1 W1	B4 5 W2	Comments (Reference Cart Position, image quality, recent alignment? etc.)
~~0~~ -3:26	721 –	DATA	-8.489	-1.070	\	-3.233	
1:14 -03:04	818 –	shutter	-8.184	-0.962 ~~-3.1~~		-2.703	
		FE					
1:27 -02:50	860 –	DATA	-8.065	-0.912		-2.552	
	-961						

Observers:	UT date:	Object:	Weather:
Cam Settings:		UPS And	Seeing:

ocal Time (HA)	File#	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.)
1:52 -3:06	962 – 1041	DATA	-8.180	-0.918	—	-2.682	
	1042 – 1083	Shutter.					
	– 1163	DATA					
	– 1205	shutter					

Observers:		UT date:		Object:			Weather:
Cam Settings:		2010 Aug 14		Gam Tri			Seeing:
ocal Time (HA)	File#	Info Type (offset, FG,BG Data, flux,,etc)	B1 1 S1	B2 5 E1	B3 1 W1	B4 5 W2	Comments (Reference Cart Position, image quality, recent alignment? etc.)
2:45 -2:53	1206 – 1270	DATA	-8.223	-0.910		-2.645	
	1271 – 1312 ~~1264 – 13~~	Shutter					
		F.E					
3:11 -2:26	1313 – 1362	DATA	-7.976	-0.790	→	-2.400	
-2:19	1363 –	Shutter	-7.824	-0.708		-2.305	

Observers:	UT date:	Object:	Weather:
Cam Settings:	2010 Aug 14	45 per	Seeing: 8 cm

ocal Time (HA)	File#	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.)
-3:38	1405 — 1484	DATA.	-8.634	-0.988	-3.115	↗	
-3:24	1485 — 1526	Shutter					
		F.E.					
-3:10	1527 — 1613	DATA	-8.283	-8.850 ~~-8.268~~		-2.753	
-3:58	1614 — 1612	Shutter					

Observers:	UT date: 2010	Object:	Weather:
Cam Settings:	Aug 14	10 Aur	Seeing:

Local Time (HA)	File#	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.)
-3:45	1663 - 1715	DATA	-8.723	-1.074	\	-3.298	
-3:38	1716 - 1757	shutter					
		F-E					
-3:25	1758 - 1817	DATA	-8.472	-1.039	-2.974		
	- 1859						

Observers:	UT date: 2010 Aug 14	Object: Bet Aur.	Weather:
Cam Settings:			Seeing:

Local Time (HA)	File#	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.)
-3:49	1860 -1939	DATA	-8.656	-1.02	\	-3.237	
	1940-	Shutter.					

Observers:	UT date: 2010 Aug 15	Object: Eps per	Weather:
Cam Settings:			Seeing:

ocal Time (HA)	File#	Info Type (offset, FG,BG Data, flux,,etc)	B1 1 S1	B2 5 E1	B3 1 W1	B4 5 W2	Comments (Reference Cart Position, image quality, recent alignment? etc.)
-4:25	0 — 79	DATA	-9.54	-1.22		-4.061	
-4:14	80 — 121	Shutter	-9.266	-1.181		-3.735	
		F.E.					
-3:59	122 — 201	DATA	-9.066	-1.169		-3.445	
	202 — 243	Shutter					
	244 — 323	DATA					
-3:23	— 365	Shutter					

Observers:	UT date: 2010 Aug 15	Object: 10 Aur	Weather:
Cam Settings:			Seeing:

ocal Time (HA)	File#	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.)
4:09 -4:14	366 – 415	DATA					
	416 – 457	Shutter					
	458 –	DATA					
	508 – 549	Shutter					

Observers:	UT date:	Object: Bet Aur	Weather:
Cam Settings:			Seeing:

ocal Time (HA)	File#	Info Type (offset, FG,BG Data, flux,,etc)	B1 1 S1	B2 5 E1	B3 1 W1	B4 5 W2	Comments (Reference Cart Position, image quality, recent alignment? etc.)
-4:21	549 – 609	DATA	-9.274	-1.255		-3.835	
	610 – 651	shutter					
	652 – 711	DATA					
	712 –						

Observers: Chris, Xiao	UT date: 2010 Aug 16	Object: Del Her & α oph ~~2010 Aug 16~~	Weather:
Cam Settings:			Seeing: 7-11 cm

Local Time (HA)	File#	Info Type (offset, FG,BG Data, flux,,etc)	B1 S2(2)	B2 E2(1)	B3 W1(3)	B4 W2(5)	Comments (Reference Cart Position, image quality, recent alignment? etc.)
20:25 -00:03		FE	0	0	unavailable	0	Ealing of IR 1-4 are back to good position
			-3			7.76	
			0	0	unavailable	0	S2 : 0.560
				0	available		W2 : -0.640
			0	0			W2 : -4.26 , S2 : -3
							E2 : 1.12 , W2 : -4.260
21:18 00:29		FE					
21:22 00:33	0-59	DATA	-3.240	0.8		-4.520	~~take image of~~
21:35 00:46	60-	Shutter	-3.2600	0.78		-4.600	There is some light in the other quadrants probably due to reflection inside the dewar

Observers:		UT date: 20/0 Aug 16		Object: Vega			Weather:
Cam Settings:							Seeing:
Local Time (HA)	File#	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.)
22:11 00:21	120 –	DATA	-2.880	1.360		-4.10	transit, flat field, zenith hole. ~~saturates detector.~~
22:18 00:27	150 –	Shutter	-2.880	1.340		-4.1	
		FE					
22:37 00:46	180 –	DATA	-2.9	1.28		-4.16	Reduce Apwheels to 1/4 Reduce ~~#~~ # of frames & Frames per reset 750
	210 –	Shutter	-2.891	1.254		-4.180	
22:49 00:58	240 –	DATA	-2.899	1.246		-4.216	Change Apwheel to normal # of frames still 750
	270 –	Shutter	-2.907	1.233		-4.223	

Observers:		UT date: 2010 Aug 16		Object: γ-Lyr & zet Aql			Weather:
Cam Settings:							Seeing: 6-8
Local Time (HA)	File#	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.)
23:11 00:58	300-	DATA	-2.960	1.204		-4.255	
			-2.915	1.232		-4.241	
23:18 01:05	330-	Shutter	-2.942	1.216		-4.262	
		FE					
23:29 01:17	360-	DATA	-2.938	1.207		-4.305	
23:36 01:23	390-	Shutter	-2.988	1.171		-4.355	
23:47		FE					zet Aql
23:57 01:38	420-	DATA	-3.560	0.69		-4.959	S2: -3.588, E2: 1.171
00:04 01:45	450-	Shutter	-3.588	0.647		-5.051	S2: -2.988, W2: -4.355
		FE					
00:23 02:04	480-	DATA	-3.816	0.617		-5.241	E2: 0.647, W2: -5.209
00:32 02:13	520-	Shutter	-3.837	0.532		-5.380	S2: -3.588, W2: -5.109

Observers:		UT date:		Object: G-Cyg			Weather:
Cam Settings:							Seeing:
Local Time (HA)	File#	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.)
		FE					
00:56 00:25	550 –	DATA	-2.9	1.252		-4.129	
1:03 00:32	580 –	Shutter	-2.922	1.212		-4.163	
1:12 00:41	6610 –	DATA	-2.922	1.200		-4.189	
1:19 00:48	640 –	Shutter	-2.893	1.201		-4.201	

Observers:		UT date: 20/10 Aug 16		Object: eps Cep & 37-And			Weather:
Cam Settings:							Seeing: 4-8
Local Time (HA)	File#	Info Type (offset, FG,BG Data, flux,,etc)	B1 S2(2)	B2 E1(3)	B3 W1(3)	B4 W2 (5)	Comments (Reference Cart Position, image quality, recent alignment? etc.)
		FE					Chang telescope
1:42 00:13	670-	DATA	-3.263	1.83		-4.416	E2 → E1
1:48 00:20	700-	Shutter	-3.2	1.745		-4.436	FE S2: -3.168
2:01 00:33	730-	DATA	-3.222	~~1.745~~ 1.772		~~-4.436~~ -4.427	W2: -4.416
2:13 00:45	780-	Shutter	-3.257	1.751		-4.493	
		FE					37 And
2:38 -01:31	810-	DATA	-2.977	2.021		-4.223	S2: -3.257, E1: 1.751
2:45 -01:24	840-	Shutter	-2.934	2.082		-4.152	W2: -4.493
		FE					
2:57 -01:12	870-	DATA	-2.949	2.166		-4.133	
3:03 -01:06	900-	Shutter	-2.912	2.238		-4.117	

Observers:		UT date: 2010 Aug 16		Object: Ups And & γ Tri			Weather:
Cam Settings:							Seeing: 6-8 cm
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.)
		FE					
3:26 -01:23	930-	DATA	-2.97	2.204		-4.18	
3:32 -01:17	960-	shutter	-2.952	2.160		-4.144	
		FE					
3:46 -01:03	990-	DATA					
3:53 -00:56	1020-	Shutter	-2.944	2.314		-4.099	
4:11 -01:18	1050-	DATA	-3.003	2.132		-4.147	γ. Tri
4:18 -01:12	1080-	Shutter	-2.961	2.186		-4.144	
		~~DA~~ FE					
4:30 -00:59	1110-	DATA	-2.961	2.345		-4.144	
		Shutter	-2.986	2.346		-4.120	

CHARA–MIRC 4T

Observers:		UT date: 2010 Aug 16		Object: 16 Per			Weather:
Cam Settings:							Seeing: 5-9 cm
Local Time (HA)	File#	Info Type (offset, FG,BG Data, flux,,etc)	B1 S2	B2 E1	B3 W1	B4 N2	Comments (Reference Cart Position, image quality, recent alignment? etc.)
		FE					
4:56 -01:07	1170 -	DATA	-2.934	2.2		-4.128	
5:03 -01:00	1200 -	Shutter	-2.897	2.340		-4.080	< FE
5:14 -00:48	1230 -	DATA	~~-2.89~~ -2.903	2.437		-4.085	
5:25 -00:37	1280 -	Shutter	-2.892	2.528		-4.067	

CHARA–MIRC 4T

Observers:		UT date: 2010 Aug 17	Object: γ Lyr ~~α Vega~~				Weather:
Cam Settings:							Seeing: 6-10cm
Local Time (HA)	File#	Info Type (offset, FG,BG Data, flux,,etc)	B1 S2(U)	B2 E1(U)	B3 W1(U)	B4 W2(U)	Comments (Reference Cart Position, image quality, recent alignment? etc.)
			0↓	0↓		0↑	~~Some new output~~ New Linux kernal for S2.
				-4.38		3.650	
						-5↑	~~S2 → 3.5~~ Prism mode!
20:39 -01:29	0-59	DATA	-3.469	1.928		-4.638	name of the star is wrong. It says "no star", but it is actually "γ-Lyr".
20:45 -01:23	60-	Shutter	-3.456	1.950		-4.622	
		FE					
20:56 -01:12	120-	DATA	-3.446	2.053		-4.588	Now the star name is fine.
21:01 -01:07	180-	Shutter	-3.411	2.111		-4.576	

CHARA–MIRC 4T

Observers:		UT date: 20/0 Aug 17		Object: Vega			Weather:
Cam Settings:							Seeing: 8-13 cm
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.)
			-4.5↑	3↓			W2 = -4.50↑
							Can't find fringe
							for telescope S2, E1

CHARA–MIRC 4T

Observers:		UT date:		Object: zet Aql & eps Aqr			Weather:
Cam Settings:							Seeing: 6-10cm
Local Time (HA)	File#	Info Type (offset, FG,BG Data, flux,,etc)	B1 S1 (4)	B2 E2 (2)	B3 W1 (1)	B4 W2 (5)	Comments (Reference Cart Position, image quality, recent alignment? etc.)
			0↑↓	0↑		-4↓	Change telescopes
			-2.17				
			-5↓ -6.8				E2: 0.600 W2: -4.430
			-5↑				
22:26	240 -	DATA	-4.639	0.163		-4.932	& E2: 0.120
22:43 00:28	400 -	Shutter	-4.593	0.187	(0.254)	-4.953	3T losing S1
							~~266 ~~ file number
							266 and up, 4T.
			-4↓ -6.8	1↓		-5↑	eps Aqr
			-5.3↑			-4↓	cross fringes { S1: -4.684 W2: -4.824 E2: 0.403
23:28 -00:29	460 -	DATA	-6.196	-1.157		-6.430	
23:34 -00:22	520 -	Shutter	-6.212	-1.144		-6.422	
23:43 -00:13	580 -	DATA	-6.203	-1.091		-6.412	< FE
23:49 -00:08	640 -	Shutter	-6.149	-1.097		-6.398	

Observers:		UT date: 20/0 Aug 17		Object: 6-Cyg			Weather:
Cam Settings:							Seeing: 5-10cm
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.)
			-3↓	2.5↓		-5↑	E1: 2.32, W2: -4.78
00:23 -00:03	700-	DATA	-3.3	2.603		-4.513	S2: -3.55, W2: -4.73
							Change telescopes.
							Close W2 in the middle.
							S2-W1, S2-W2, W1-W2
							fringes are weak.
00:39 00:12	790-	Shutter	-3.306	2.612		-4.544	← beams are weak
		FE					
00:53 00:26	850-	DATA	-3.304	2.553		-4.572	← much better now.
00:58 00:31	910-	Shutter	-3.281	2.509		-4.587	
							For some reason, light wonders a lot, although seeing is not bad.

Observers:	UT date: 20/0Aug17	Object: Eps Cep	Weather:
Cam Settings:			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.)
		FE					S2:-3.327. W2:-4.585
1:19 -00:05	970 –	DATA	-3.558	1.477		-4.587	
1:24 00:00	1030 –	Shutter	-3.591	1.516		-4.839	
		FE					
1:34 00:10	1090 –	DATA	-3.561	1.521		-4.841	
00:15	1150 –	Shutter	-3.599	1.559		-4.862	
		FE					
1:50 00:25	1210 –	DATA	-3.624	1.544		-4.897	
1:58 00:34	1300 –	Shutter	-3.622	1.568		-4.899	

Observers:	UT date: 2010 Aug 17	Object: 7-And	Weather:
Cam Settings:			Seeing: 10 cm

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.)
2:10 -00:11		FE					S2 = -3.468 W2 = -4.757
2:19 -00:02	1360-	DATA	-3.238	2.238		-4.532	S2 = -3.628, dE1 = 1.828
2:23	1390-	Shutter					← lost W2 at the end because of transitting.
	~~1450-~~	FE					
2:35 00:13	1450-	DATA					
2:44 00:22	1540-	Shutter	-3.268	2.213		-4.589	← S2 moves a lot sometimes fringes of S2 are gone.

Observers:	UT date:	Object:	Weather:
Cam Settings:	2015 Aug 17	γ-Peg & Tau Cet	Seeing: ~10 cm

Local Time (HA)	File#	Info Type (offset, FG,BG Data, flux,,etc)	B1 S1	B2 E2	B3 W1	B4 W2	Comments (Reference Cart Position, image quality, recent alignment? etc.)
		FE	-6↓	-1↓		-6.5↑	S1: -6.140, W2: -6.410
3:14 -00:08	1600 -	DATA	-4.581	0.04		-4.910	E2: -1.4, W2: -6.320
3:20 -00:01	1660 -	Shutter	-4.605	0.021		-4.940	
		FE					
3:30 00:07	1720 -	DATA	-4.5~~68~~	0.061		-4.937	
3:35 00:13	1780 -	Shutter					
		FE	-5.074↑	-0.607↑		-4.616↓	flat field, Tau Cet
			-6→-6.6 ~~-5.8~~	~~0.11~~ 2.113		-6.856	S1: -4.624, W2: -4.93
			-6→-5.28				E2: 0.203, W2: -5.286
4:16 -00:36	1840 -	DATA	-6.890	-1.696		-7.190	lost W1 in the end.
4:22	1900 -	Shutter	-6.826	-1.665		-7.165	
5:18 00:25	1960 -	DATA					W1 ~~is~~ ~~#~~ freezed.
5:24 00:31	2020 -	Shutter					ST data.

Observers:	UT date: 2010 Aug 17	Object: Nu Tau	Weather:
Cam Settings:			Seeing:

Local Time (HA)	File#	Info Type (offset, FG,BG Data, flux,,etc)	B1 S1	B2 E2	B3 W1	B4 W2	Comments (Reference Cart Position, image quality, recent alignment? etc.)
			-5↑	0↓		-5↑	S1 : -5
5:46 -01:25	2080-	DATA	-5.491	-0.78		-5.525	W2 : -5
							E2 : -0.01 , W2 : -4.8
5:52 -01:19	2140-	Shutter	-5.438	-0.718		-5.479	twilight.