

1/1

Observers: Chris  
Stefan

UT Date: 2012-07-30  
Beam Combiner: CL17B1

Telescopes/Pops: <sup>5</sup> 52-<sup>1</sup> E2-<sup>4</sup> w1  
Ref Cart: E2  
Weather:  
Seeing:

UT Time (HA)	Star	B1	B2	B3	NIRO Sum	NIRO Mode, Scan Length, Scan Freq (Hz), Filter	Comments (reference cart position, image quality, recent alignment?)
4:12 +0:49	HD 145518	+6170 NS: +0.48	+3823 0.59	0.56	aligned NIRO	LONG 500Hz K Full Ap	
4:35 +1:05	AS 205A	+6580 +0.31	+4300 0.21	0.16		LONG 500Hz K Full Ap	Sometimes saturating luse 311 miss'g during first 100 scans, <u>later all 3</u>
		+6580	+4220				
4:55 +1:20	HD 145518	+6170	+3950			LONG 500Hz K Full Ap	one beam low
5:15 +1:43	"	+6070 6.49	+4070 0.61	0.61	aligned NIRO	LONG 750Hz K Full Ap	NICE!
5:30 +2:00	AS 205	+6380 0.35	+4390 6.24	0.16		LONG 750Hz K Full Ap	NICE!
5:45 +1:58	HD 148198	+6000	+3980			LONG 750Hz K Full Ap	(red beam B2-3, 31 miss'g in first scans)
PROBLEMS WITH OFGE							
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END OF NIGHT							

Ⓢ+  
→  
Good

↑ always  
NONDEST

Observers: Chris  
Stefan

UT Date: 2012-07-31  
Beam Combiner: CLIMB 1

Telescopes/Pops: S2-E2-W2  
Ref Cart: E2

Weather: clouds after 11.5  
Seeing: poor 5cm

UT Time (HA)	Star	B1	B2	B3	NIRO Sum	NIRO Mode, Scan Length, Scan Freq (Hz), Filter	Comments (reference cart position, image quality, recent alignment?)
4:20 +0:52	HD145518	+6180 vs. +0.538	-1110 +0.533	+0.575	aligned NIRO	LONG 750Hz K Full Ap.	
4:55 +1:28	AS205A	+6515 +0.35	-958 +0.30	+0.21		LONG 750Hz K Full Ap.	Ok/medium quality
5:08 +1:24	HD148198	+6190	-1140			LONG 750Hz K Full Ap.	clouds moving in
5:20 +1:54	AS205A	+6400 +0.347	-1100 +0.51	+0.202		LONG 750Hz K Full Ap.	poor quality
5:35 +2:05	HD145518	+5960 0.589	-1390 0.547	0.487		LONG 750Hz K Full Ap.	clouds (flux fluctuations)
5:47 +2:19	HD150698	+5760 0.58	-1440 0.52	0.54	aligned NIRO	LONG 750Hz K Full Ap.	
6:05 +2:05	MWC863		-1430				no fringes
6:20 +0:00	HD178568	+6660	-959				clouds too strong for object. cal for MWC 297
6:35 +0:20	HD177305	+6655 0.54	-1056 0.62	0.58		LONG 500Hz K Full Ap.	
6:50 +0:30	MWC614	+6660 0.25	-1070 0.24	0.21		"	
7:05 +0:45	HD177305	+6695 0.65	-1060 0.63	0.61		"	

↑ always  
NON DEST

Observers: Chris  
Stefan

UT Date: 2012-07-31

Telescopes/Pops: S2-E2-W2

Weather: patches of clouds

Beam Combiner: CLIMB 1

Ref Cart: E2

Seeing:

UT Time (HA)	Star	B1	B2	B3	NIRO Sum	NIRO Mode, Scan Length, Scan Freq (Hz), Filter	Comments (reference cart position, image quality, recent alignment?)
7:20 +0:52	MWC 614	+6660	-1090			LONG 500Hz K Full Ap.	
7:30	HD 181253	0.649	0.637	0.431		"	
						change to S2-E1-W2	
		+7095	-1368				
8:30 +0:49	HD 194708	+7080 0.33	-1334 0.42	0.24		LONG 500Hz K Full Ap.	still clouds
9:10 +1:30	MWC 340	+7230	- <del>1200</del>			"	

\* always  
NONDEST

Observers: Chris  
Stefan

UT Date: 2012-08-01

Beam Combiner: CLIMB 1

Telescopes/Pops: S1-E2-W1

Ref Cart: E2

Weather: Some clouds  
40-50% humidity  
Seeing: bad ← 5cm  
strong piston

5 1 4

1/3

UT Time (HA)	Star	B1	B2	B3	NIRO Sum	NIRO Mode, Scan Length, Scan Freq (Hz), Filter	Comments (reference cart position, image quality, recent alignment?)
4:05 +0:40	HD 145508	S1 +1400	E2 +4320	W1	aligned NIRO	LONG 750Hz K Full Ap.	
4:20	AS 205A					LONG 750Hz K Full Ap.	cannot find fringes?
4:30 +1:08	HD 145518	+1380	+4450		aligned NIRO	LONG 500Hz K Full Ap.	
		+1780	+4730			NON-DEST.	
5:50 +0:40	HD 163955	+1405 V/L: 0.62	+3643 0.421	0.354	aligned NIRO	LONG 750Hz K, DEST Full Ap.	bad piston Seeing 1-4cm
	MWC 275						cannot find fringes
	HD 163955						
	MWC 275						
	HD 173113	+1100	+2750		aligned NIRO	LONG 500Hz NON-DEST Full Ap.	
7:00	VV Ser						
7:20 +0:12	HD 188385	+1140			aligned NIRO	LONG 750Hz NON-DEST Full Ap.	cannot find fringes Seeing 3cm

Observers: Chris  
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UT Date: 2012-08-01

Beam Combiner: CLIMB 1

Telescopes/Pops: S1-E2-W1

Ref Cart: E2

Weather: clouds

Seeing: 2-3cm

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UT Time (HA)	Star	B1	B2	B3	NIRO Sum	NIRO Mode, Scan Length, Scan Freq (Hz), Filter	Comments (reference cart position, image quality, recent alignment?)
7:30 +0:18	V1295 Aq1	+1173 0.27	+2698 0.16	0.11		LONG 750Hz NON-DEST FullAp	3 fringes there, but noisy
7:45	HD188385					"	
8:05 +0:47	V1295 Aq1						cannot find fringe.
8:15	HD182900						change POP for S1 from 5 to 1 doing setup.
8:50	HD182900	+1613 0.46	+2890 0.397	0.329		LONG 500Hz NONDEST FullAp	clouds moving in.
9:00	MWC 614						clouds again
11:40	HD194708	+6910	+1580			LONG 750Hz NONDEST FullAp	changing to S2-E2-W2
12:50	MWC340						cannot acquire object.

Observers: Chris  
Stefan

UT Date: 2012-08-01

Telescopes/Pops: S2-E2-W2

Weather: clouds

Beam Combiner: CLIMB 1

Ref Cart: E2

Seeing: crap < 4"

UT Time (HA)	Star	B1	B2	B3	NIRO Sum	NIRO Mode, Scan Length, Scan Freq (Hz), Filter	Comments (reference cart position, image quality, recent alignment?)
12:00 +4:25	H1 D194708	+6890	-1600		NIRO	#0NG 500Hz aligned DEST Full Ap.	
							too late to get object, still poor conditions.
							clouds again
							END OF NIGHT