

Observers: FB + Norm
Cam settings:

UT date:
4 DEC 2012

Object: S16 GEM
DOWN

Weather: PARTLY CLOUDY + WINDY
Seeing:

Local Time	File #	Info type	B1	B2	B3	B4	B5	B6	Comment:
HA			W1	S2	S1	E1	E2	W2	CAL (CAM TRI HD 14055 OBS (UX A21 HD 21242 CAL (RET PER HD 24398
			POP 1	POP 3	POP 2	POP 3	POP 4	POP 5	CAL (HD 30111 OBS (FB A22 HD 31293 CAL (HD 37319
0:00			0.78	8.46	2.88	-0.28			
1:08			1.6	9.42	3.35		—	REF	(TET GEM HD 50019 S16 GEM HD 62064 HD 69897
1:49	S16 GEM DATA 0001 - 0005	DATA	1.65	9.39	3.28	0.91	—	REF	(HD 33256 S16 ORI HD 43318
	0080 - 0089	SHUTTERS							ST ONLY, ST? FAST PISTON
2:10	HD 69887 0150 - 0229	DATA	1.64	9.36	3.18	0.856	—	REF	ST HA mess up
	0230 - 0293	SHUTTERS							
	POP CHANGE REF		POP 4	POP 3	POP 2	POP 1	POP 4	POP 5	
	FIBER EXPLORER + CLOUDS								
3:18	TET GEM 0294 - 0373	DATA	1.794	9.707	3.525	1.521	—	REF	ST INITIALLY THEN CLOUDY, E1 E1 RAW OUT OR DELAY
	0374 - 0437	SHUTTERS	1.800	9.647	3.575	1.172 ??	—	REF	
3:46	S16 GEM 0438 - 0517	DATA							LET, MAYBE ST (E1 NOT SURE) + RAW OUT DELAY

CLEAR/SLIGHTLY CLOUDY

Observers: FB & CHRIS & NIC
 Cam settings:
 UT date: 2012 DEC 05
 Object: UX ARI
 Weather: 6-12
 Seeing:

Local Time	File #	Info type	B1	B2	B3	B4	B5	B6	Comment:
		POP	W1	S2	S1	E1	E2	W2	
			1	3	2	3	4	5	
	FIBER EXP								
17:54	GAM TR1		2.052	9.023 SNAM	2.600	0.212			
	GAM TR1		1.965	9.044	2.55	0.165	4.09		
18:18	0000-0059	DATA	1.92	9.1	2.62	0.15			
	0060-0121	SHUTTERS							0080 sampled - do not use
	UX ARI		2.028	8.89	2.68	NOT IN DELTA	3.77		
	0122-0181	DATA	2.25	8.9	2.66	X	3.81		ST. DATA, E1 NOT IN DELTA YET
	0182-0245	SHUTTERS							
19:00	UX ARI	DATA	2.18	9.98	2.62	0.21	3.84		6T
	0246-0305								
	0306-0337	SHUTTERS (BACK, B1, B2, B3)							SPOOLER CRASH + SEQUENCE STOPPED AT 0333
	0334-0385	SHUTTERS (B4, B5, B6) FORE							LOST E1 BEFORE SO USE ONLY UP TO 337 (BEAM 3)
									DISCARD 337-353 (8 ACQ / BEAM)

Observers:
 Cam settings:
 UT date: 2012 Dec 05
 Object: AB AUR
 Weather: Seeing: 6-8 ↘ 4

Local Time	File #	Info type	B1	B2	B3	B4	B5	B6	Comment:
HA			W1	S2	S1	E1	E2	W2	
			1	3	2	3	4	5	
	HD 32301		FIBER	EXPLORER					CAL
20:13			NOT IN DELTA	8.7	2.7	0.533	3.719?		WEIRD VIS? WILL HAVE OTHER CAL
20:17	0530-589	DATA							ST, NO W1 YET WAITING FOR DELTA
	0590-0599	DATA	MOVING DELTA LINES						ST, NO W1
	0600-0663	SHUTTERS		8.8	2.69	0.407	3.779		" E2 FRINGES FAINT
20:40	0664-0713	DATA	2.297	8.87	2.72	0.39	3.86		ST
	0714-0777	SHUTTERS	2.23	8.9	2.72	0.33	3.88		0752 corrupt?
	AB AUR	FIBER EXPLORER							
			NOTHING FOUND EXCEPT UNTIL 22:00			X-FRINGES			
			MOVING TO CAL HD 29645						
	22:00								
	HD 29645	DATA	1.69	9.41	3.067	0.546	4.76		
	0778-0827		1.66	9.43	3.12	0.68	5.01		FRINGES MOVE FAST HARD TO TRACK CLOUDS

S1 S2 2.088 6.33
 8.511
 S1 E1 - 2.964
 S2 E 9.063
 S1 E1 2.2

Observers: Cam settings:		UT date:			Object:			Weather: Seeing:	
		2012 Dec 05			Sig Gem			better	
Local Time HA	File #	Info type	B1	B2	B3	B4	B5	B6	Comment:
			W1	S2	S1	E1	E2	W2	
	FIBER EXPLORER		1.778	9.57	3.55	1.43		—	
	200 GEM HD 50019								
	1170-1319	DATA							ST, no E2
	1320-1383	SHUTTERS	1.82	9.61	3.49	1.36			WAITING FOR E2 (E2 CART LOST)
		DATA					6.18		~ 1 Meter --- E2 bad CLOUDS
3.14	1384-1425	DATA		FULL	AT LAST	1.42	6.24		S2 issue with H/K
			1.89	9.66	3.49				
	SIG GEM 1426-1550	DATA		ST/UT (ST)					BAD QUALITY SEEING TERRIBLE ~5 PISTON)
	1551-1615	SHUTTERS	1.908	9.6	3.5	1.4	6.2		E1 out of delay
	1616-1649	DATA	same	ST, some UT					FAINT FRINGES ON S2
	1649-1713	SHUTTERS							YET GOOD FLUXES
	HD 62014	DATA	1.94	9.6	3.52	X	6.2		ST
	1714-1757								
	1758-1821	SHUTTERS							

Observers:
 Cam settings:
 UT date: 2012 Dec 06
 Object: ~~UX Ari~~
 Weather: CLOUDY
 Seeing: ~0.5 arc

Local Time	File #	Info type	B1	B2	B3	B4	B5	B6	Comment:
HA			W1	S2	S1	E1	E2	W2	UX Ari 2124Z
		POP	1	3	2	3	4	5	Get Data 14055 Get Per 24398
	FIBER EXPLORER		DUCK, CLOUDS, POOR IMAGING				QUALITY		W2 has worse image quality, than S1. Others are ok.
17:30	GAM TRI		→ CLOUDS, NO OBS POSSIBLE						X Fmgn S2W1 7.62
			GOING FOR BRIGHT TARGETS						
20:20	ETA AVR (CAL)		2.16	9.09	2.63	3.93	X	—	ETA AVR 32630 38 AVR 40801 3ET AVR 40183 4ET AVR 32630 132069
	0000-0049	DATA	LOST W1 AT THE END						→ E1 not in delay.
	0050-00183	SHUTTERS	5T OTHERWISE (E1 not in delay yet)						
	0134-0163	DATA	2.05	9.18	2.68	3.93	3.98	—	WAITING FOR E1, 5T
	0163-0227	SHUTTERS							
	0228-0277	DATA	1.99	9.24	2.70	-0.015	4.063		5T
	2ET AVR	FLATFIELD TAKEN (BUT BUG!!!)							
	0278-300								TAKING DATA (S1S2 E1E2)

5 (DUNK) - + + * + CRASH SPOILER

Observers: Cam settings:		UT date:			Object:			Weather: Seeing:	
		2012 Dec 07			UX ARI			CLEAR 3-8	
Local Time	File #	Info type	B1	B2	B3	B4	B5	B6	Comment:
HA			W1	S2	S1	E1	E2	W2	UX ARI 21262
			1	3	2	3	6	5	Gam Tri 14055 Tel Pen 24398
19:78	19:21	HIGH HUMIDITY FIBER EXPLORER				W2=not great, image spread			BO 410235 / 5
	GAM TRI 0000 - 0049	DATA	1.94	9.35	3.0	0.252	4.65	—	
		SHUTTERS	(1.9)	9.39	3.1	0.35	4.71		
20:08	UX ARI 0113 - 0213	DATA	2.09	9.32	2.96	-0.1	4.12		BT first, then ST then BT
20:18	0214 - 0277	SHUTTERS	2.03	9.36	3.0	0.0	4.25		
	UX ARI 0278 - 0320	DATA	1.99	9.36	3.0	-0.03	4.27		MORE DATA AS NO TIME FOR CAL!
	0321 - 0363	SHUTTERS							MORE NOISE
	HUMIDITY REACHED 80% + / CLOSING								
0:16	REOPENING								
		FOR CHANGE							
	ETA ARI		2.05	9.5	3.27	0.91			ST (no E2)
	0364 - 0413	DATA							
	0413 - 0513	DATA	2.06	9.46	3.3	0.94	5.66		some GT, stray pixels

0514 - 0553 SHUTTERS

Observers: Cam settings:		UT date:			Object:			Weather: Seeing:	
		2012 Dec 07			AS Ber Am			8-7	
Local Time	File #	Info type	B1	B2	B3	B4	B5	B6	Comment:
HA			W1	S2	S1	E1	E2	W2	
	As Am		TAXING	AS AWK					
			→ NOTHING	---					
	Ber Am		1.965	9.49	3.242	0.771			only 15 minutes of data
	0534-0653	DATA							1/1 S1 S2 E1 W1 W2
	0654-0676	more DATA		Trying	to find E2,	but now S1	out of delay		no E2 until
	0677-0740	SHUTTERS		SEGFAULT	---		F***		Does this change background?
	38 Am	DATA		THEN SPOILER	STUCK				↓ <u>check coadds</u>
	0740-782			ST, then lost S1					
	0784-	SHUTTERS		SPOILER	CRASH		0783. ^{file} BROKEN		
					BEAM 2	784-791			Before was 15
					BEAM 3	792-799			Not sure if I put them back
					BEAM 4	800-807			to 15 - could have stayed at 10
					BEAM 5	808-816			
					BEAM 6	817-823			
					FOR	824 831			
					BACK	832-839			
					BEAM 1	840-847			

10 coadds

Observers:
 Cam settings:
 UT date: 2012 Dec 07
 Object: Sig Gem
 Weather:
 Seeing:

Local Time	File #	Info type	B1	B2	B3	B4	B5	B6	Comment:
HA			W1	S2	S1	E1	E2	W2	
	for Gem (CAL)	FIBER EX							(w2 shield backdoor work)
	0848-0938	DATA	2.06	9.43	3.4	1.12	---	---	ST dur - curt G2 maybe look no fringe
	0939- 0947	DATA	2.06	9.45	3.365	1.094	5.826	---	Falling data while seeing
	0997								
	0998-1061	SHUTTERS							
	Sig Gem		4.09	9.37	3.4	1.071			
	1062-1105	DATA	2.12	9.37	3.38	1.076	5.74	---	4T, 5T, 6T
	1105-1161	DATA							6T? HARD TO KNOW MAYBE ONLY X-FRINGE
3:10	1162-1225	SHUTTERS							
	1226-1325	DATA	2.15	9.43	3.35	1.07	5.86		
3:30	1326-1389	SHUTTERS							
	HD 62044 (CAL)								
		DATA	2.12	9.46		1.044	5.84		
	1380-1438	---	2.15 4T, 5T	9.4	3.4	1.045	5.77		

1440-1489 DATA 6T, good ser
 1490-1553 SHUTTERS

1545 or 1546 completed

Observers:
 Cam settings:
 UT date: 2012 Dec 08
 Object: UX ANI / AS ANI
 Weather: Seeing: 10-15 cm

Local Time	File #	Info type	B1	B2	B3	B4	B5	B6	Comment:	
HA			W1	S2	S1	E1	E2	W2		
	1A:30		DOME ISSUES - ATKEY down/k. now							
			1	3	2	3	4	5		
	20:00									
20:09	GAMTR1	DATA	2.05	9.39	3.24	0.54	4.86	—	0022 offset bad GT, good	
	0000 - 0049	SHUTTERS								
	0050 - 0113	SHUTTERS								
	UX Ani	DATA	2.11	9.42	3.13	-0.043	4.27	—	GT	
	00114 - 0163	SHUTTERS								
20:36	0164 - 0227	SHUTTERS								
	HD32301	DATA	2.37	9.19	2.95	-0.185			cal HD 32301 AS AN = HD 31293	
	0228 - 0277	SHUTTERS								
	0278 - 0341	SHUTTERS							ST, no E2 (CARD COST, HOMED E2 (CHECK))	
	0342 - 0401	DATA	2.30	9.17	3.0	-0.2	3.82		GT > 0354+	
	AS ANI	DATA	TEST	←				a few	SIS2	
	0402 - 0451	DATA	} USB TOGETHER							
	0452 - 0501	DATA								SIS2 + E1 E2 (few) very weak
	0502 - 0565	SHUTTERS								-6.37
	0566 - 0655	DATA								-6.31
										Dec 26 more SIS2 + E1 E2

Observers:
 Cam settings:
 UT date: 9012 0408
 Object: Sig Gem
 Weather: clear
 Seeing: 10 ~ 10 arc

Local Time	File #	Info type	B1	B2	B3	B4	B5	B6	Comment:
HA			W1	S2	S1	E1	E2	W2	
22:54			FIBER	EXPLO	ER				
	tel Gem		2.15	9.32	2.91	-0.18	3.98	—	
	0720-0802	DATA ←							GT, good quality / SNA low EI tip / fiber ~ 740?) GT
	0803-852								
23:24	0803-852	DATA							
	853-916	SHUTTERS	2.09	9.38	2.96	-0.21	4.05	—	
	Sig Gem		2.26	9.24	2.9				
	0917-0966	DATA	2.23	9.28	2.92	?	?		GT SISLW 132 + E1 E2 or W1 or W2 -4.15
	0966-1016								
	1017-1080	SHUTTERS							
	HP 69897		2.28	9.28	2.97	-0.23	3.78		
	1081-1130	DATA	↓						GT
	1131-1194	SHUTTERS	2.25	9.28	2.94	-0.26	3.8		

Observers: Cam settings:		UT date:			Object:			Weather: <i>clear</i> Seeing: <i>2 ~ 8</i>	
Local Time	File #	Info type	B1	B2	B3	B4	B5	B6	Comment:
HA			<i>w1</i>	<i>S2</i>	<i>S1</i>	<i>E1</i>	<i>E2</i>	<i>w2</i>	
	<i>Sig Gem</i>								<i>S1S2 E1E2 w1w2 S2W1 S1W1</i>
	<i>1195-1294</i>	<i>DATA</i>	<i>2.215</i>	<i>9.37</i>	<i>3.12</i>				<i>BT / BT ???</i>
	<i>1295-1358</i>	<i>SHUTTERS</i>							<i>very bootlegged</i>
	<i>1359-1420</i>	<i>DATA</i>							<i>WORSE SEEING ~ S1S2W1W2 + E1E2</i>
	<i>H069897</i>		<i>2.15</i>	<i>9.40</i>	<i>3.07</i>	<i>-0.1</i>	<i>4.21</i>	<i>—</i>	
	<i>1429-1479</i>	<i>DATA</i>							
	<i>1480-1542</i>	<i>SHUTTERS</i>	<i>2.13</i>	<i>9.38</i>	<i>3.08</i>	<i>-0.08</i>	<i>4.75</i>	<i>—</i>	
	<i>Sig. Gem</i>	<i>DATA</i>	<i>2.16</i>	<i>9.36</i>	<i>3.08</i>	<i>0.07</i>	<i>4.37</i>		<i>W1W2 only... ①</i>
	<i>1543-1581</i>	<i>SHUTTERS</i>							
	<i>1582-1645</i>								
			<i>NO CHANGE</i>						
			<i>4</i>	<i>3</i>	<i>2</i>	<i>1</i>	<i>2</i>	<i>5</i>	
<i>2:30</i>		<i>FISHER EXPLORER</i>							
	<i>Per Gem</i>		<i>2.18</i>	<i>9.525</i>	<i>3.36</i>	<i>0.86</i>	<i>5.7</i>		
	<i>1646-1695</i>	<i>DATA</i>							
	<i>1696-1759</i>	<i>SHUTTERS</i>							
			<i>2.19</i>	<i>9.417</i>	<i>3.24</i>	<i>0.99</i>	<i>5.6</i>		

