

Observers: FB + Norm
Cam settings:

UT date:

4 DEC 2012

Object: S16 GEM

Weather: PARTLY CLOUDY + WINDY
Seeing:

| Local Time | File # | Info type | B1 | B2 | B3 | B4 | B5 | B6 | Comment: |
|------------|-------------------------|-----------|-------|-------|-------|---------|----------------|-------|--|
| 0:00 | | | W1 | S2 | S1 | E1 | REF | WL | CAL CAM TRI HD 14055 OIS VLA ARI HD 21242 CAL ZET PAL HD 24398 |
| 1:08 | S16 GEM | | POP 1 | POP 3 | POP 2 | POP 3 | POP 4 | POP 5 | CAL HD 30111 OIS RB ARI HD 31253 CAL HD 37329 |
| 1:49 | DATA - DATA | DATA | 0.78 | 8.46 | 2.88 | -0.28 | — | REF | (TET GEM HD 50015 S16 GEM HD 62064 HD 69897) |
| | 0080 - 0089 | SHUTTERS | 1.6 | 9.42 | 3.35 | — | — | REF | (HD 33256 S16 ORI HD 43318) |
| 2:10 | HD 69897 | DATA | 1.65 | 9.39 | 3.28 | 0.91 | — | REF | ST ONLY, ST? FAST 1150W |
| | 0230 - 0233 | SHUTTERS | 1.64 | 9.36 | 3.18 | 0.856 | — | REF | ST H-A merid up |
| | POP CHANGE | | POP 4 | POP 3 | POP 2 | POP 1 | POP 4 | POP 5 | |
| 3:13 | FINAL EXPLORER + CLOUDS | | 1.794 | 9.707 | 3.525 | 1.521 | — | REF | ST INITIALLY THEN CLOUDY, E1 RAN OUT OF DECAF |
| | TET GEM 0294 - 0373 | DATA | 1.800 | 9.647 | 3.576 | 1.172?? | — | REF | GT, MAYBE ST (E1 NOT SUCC) + RAN OUT DECAF |
| 3:46 | S16 GEM 0438 - 0517 | DATA | | | | | | | |

Observers:
Cam settings:

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Object:

Weather:
Seeing:

Local Time

File #

Info
type

B1

B2

B3

B4

B5

B6

Comment:

HA

3:54

Sig Cam
0518 - 0581

SHUTTERS

4:11

STD 69897
0582 - 0661

DATA

57 (SEI OK), NO WIND AT BEGINNING

0662 - 0685

SHUTTERS

SEQUENCE STUCK AT BEAM 2

0686 - 723

SHUTTERS

RETRAKING BEAM 2 + ZEST

CLEARLY SLIGHTLY CLOUDY

Weather: 6-12
Seeing:

Object: UX AA4

UT date: 2012 DEC 05

Observers: F B & CHRIS & NIC
Cam settings:

| Local Time | File # | Info type | B1 | B2 | B3 | B4 | B5 | B6 | Comment: |
|------------|---------------------|-----------------------------|------------------|--------------|---------|------------------|---------|---------|--|
| 17:54 | FIBER EXPLOSER | POC | W1 1 | S2 3 | S1 2 | E1 3 | E2 4 | W2 5 | |
| | GAM TMI | | 2.052 | 2.023 GAM | 2.600 | 0.212 | | | |
| | GAM TLI | | 1.965 | 9.045 | 2.55 | 0.165 | 4.09 | | |
| 18:19 | 0000-0055 | DATA | 1.92 | 9.1 | 2.62 | 0.15 | | | |
| | 0060-0121 | SHUTTERS | | | | | | | 0080 corrupted - do not use |
| | UX AA1 | | 2.028 | 8.89 | 2.68 | 0.165 | 3.77 | | |
| | 0122-0181 | DATA | 2.25 | 8.9 | 9.66 | X | 3.81 | | SC. DATA, EI NOT IN DELTA YET |
| | 0182-0245 | SHUTTERS | | | | | | | |
| 19:00 | UX AR1 0246-0305 | DATA | 2.18 | 9.98 | 2.67 | 0.21 | 3.84 | | 3.84 GT |
| | 0306-0387 | SHUTTERS (BACK, B1, B2, B3) | | | | | | | SPOOLER CARTRIDGE SEQUENCE STOPPED AT 0303 |
| | 0388-0385 | SHUTTERS (B4, B5, B6/FORGE) | | | | | | | LOST EI BEFORE SO USE ONLY UP TO 337 (BEAM DISCARD 337-353 (8 ACQ / BEAM 3)) |

Observers:
Cam settings:

| Local Time | | File # | Info type | UT date: | | | Object: | | | Weather: |
|------------|--|-----------|---------------------------|----------|------|--------|----------|--------|----|--|
| HA | | | | B1 | B2 | B3 | B4 | B5 | B6 | Seeing: |
| | | | | W1 | S2 | S1 | E1 | E2 | W2 | 6-8 ↗ 4 |
| | | | | 1 | 3 | 2 | 3 | 4 | 5 | |
| | | HD 32301 | FIBER | EXPLORER | | | | | | CAL |
| | | 20:13 | NOT IN ORBIT | 8.7 | 8.7 | 8.7 | 0.533 | 3.719? | | WEIRD VIS? WILL HAVE STAG CAL |
| | | 20:17 | DATA | | | | | | | ST, NO WI YET WAITING FOR DEUT |
| | | 0530-585 | DATA | | | | | | | ST, NO WI |
| | | 0590-0599 | DATA | | | | | | | " E2 FRINGES FAINT |
| | | 0600-0663 | SHUTTERS | 8.8 | 8.8 | 2.69 | 0.407 | 3.279 | | |
| | | 20:40 | DATA | 2.297 | 8.87 | 2.72 | 0.39 | 3.86 | | ST |
| | | 0664-0713 | DATA | | | | | | | |
| | | 0714-0777 | SHUTTERS | 2.23 | 8.9 | 2.72 | 0.33 | 3.88 | | 0752 corrupt? |
| | | ASAWR | FIBER | EXPLORER | | | | | | (S152) 2.058 6.33 8.511 |
| | | | NOTHING FOUND UNTIL 22:00 | | | EXCEPT | X-FRINGS | | | S1E1 - 2.94 |
| | | 22:00 | MOVING TO CAL | H029645 | | | | | | 9.063 |
| | | HD 29645 | DATA | 1.65 | 2.41 | 3.067 | 0.575 | 4.76 | | S1E1 2.2 |
| | | 0778-0827 | | 1.66 | 9.43 | 3.12 | 0.68 | 5.01 | | FRINGES MOVE FAST HARD TO TRACK CLOUDS |

| Observers: Cam settings: | | UT date: | | | Object: | | | Weather: Seeing: | |
|-----------------------------|----------------------------------|-----------|-------|-------------|--------------|----------------|------|---------------------|---|
| Local Time | File # | Info type | B1 | B2 | B3 | B4 | B5 | B6 | Comment: |
| HA | | | W1 | S2 | S1 | E1 | E2 | W2 | betara |
| | FIDER EXPLORER | | 1.778 | 9.57 | 3.55 | 1.43 | — | — | |
| | FIDER GEN HD 50019 | | | | | | | | |
| | 1170-1319 | DATA | | | | | | | ST, no E2 |
| | 1320-1383 | SHUTTERS | 1.82 | 9.61 | 3.49 | 1.36 | | | WAITING FOR E2 (E2 CAPT LOST) |
| | | DATA | | | | | 6.18 | | ~ 1 Meter --- E2 bad CLOUDS |
| 3.14 | 1384-1425 | DATA | | FULL | AT LAST 7.42 | | 6.24 | | S2 iron with H/K |
| | | | 1.89 | 9.66 | 3.69 | | | | |
| | SIG GEN 1426-1550 | DATA | | BT/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 | 5T/ some 6T | | | | | FAINT FRINGES ON S2 |
| | 1649-1713 | SHUTTERS | | | | | | | YET GOOD FLUXES |
| | HD 62044 | DATA | 1.94 | 9.6 | 3.52 | X | 6.2 | | ST |
| | 1714-1757 | | | | | | | | |
| | 1758-1821 | SHUTTERS | | | | | | | |

| Observers: Cam settings: | | UT date: | | | | | Object: | | Weather: Seeing: | |
|-----------------------------|---------------|--------------------------------------|---------|-------------------|------------------|-----------------|---------|----|---|--|
| Local Time | File # | Info type | B1 | B2 | B3 | B4 | B5 | B6 | Comment: | |
| | | POP | W1 | S2 | S1 | E1 | E2 | W2 | UK ANI 2124Z GND 14055 ZET PER 24398 | |
| | | FIBER EXPLORED | 1 | 3 | 2 | 3 | 4 | 5 | W2 has worse image quality / then S1. Others are ok. | |
| | 17:30 | GAM TRIAL → CLOUDS, NO LOSS POSSIBLE | | | | | | | X Fmyr S2 W1 7.62 | |
| | | GOING FOR BRIGHT TARGETS | | | | | | | | |
| 20:10 | ETA AVR (CAL) | | 2.16 | 9.09 | 2.63 | 3.93 | X | — | ETA AVR 32630 38 AVR 40801 567 AVR 40183 467 AVR 32630 132069 | |
| | 6000 - 0049 | DATA | LOST WI | AT THE | END | | | | → E1 not in delay. | |
| | 0050 - 001B3 | SHUTTERS | 5T | OTHERWISE (E1) | not in delay yet | | | | | |
| | 0134 - 0163 | DATA | 2.05 | 9.18 | 2.68 | 3.98 | 3.98 | — | WAITING FOR E1, 5T | |
| | 0163 - 0227 | SHUTTERS | | | | | | | | |
| | 0228 - 0277 | DATA | 1.98 | 9.24 | 2.70 | -0.015 | 4.063 | | GT | |
| | ZET AVR | FLATFIELD | | TAKEN (BUT BUGGY) | | | | | | |
| | 0278 - 300 | | | | | | | | TAKING DATA (S1 S2 E1 E2) | |

6 (SUN)

— + + + +

CRASH STOPPER

| Observers: Cam settings: | | UT date: | | | | Object: | | | Weather: Seeing: | |
|-----------------------------|-------------------------------------|---------------------------------|------|------------|----------------------------|---------|------|----|--------------------------------|--|
| | | 2012 Dec 07 | | | | UX AR1 | | | CLEAR 3-8 | |
| Local Time | File # | Info type | B1 | B2 | B3 | B4 | B5 | B6 | Comment: | |
| 19:48 | 19:21 | HIGH HUMIDITY FIBER EXPLORER | W1 | S2 | S1 | E1 | E2 | W2 | UX AR 21262 | |
| | GAM TR1 0000-0049 | DATA | 1 | 3 | 2 | 3 | 4 | 5 | Gam Tr: 14055 set pos 24398 | |
| | | | | | W2=not great, image spread | | | | 30 410235/5 | |
| 20:08 | UX AR1 0113-0213 | SHUTTERS | 1.91 | 9.39 | 3.1 | 0.35 | 4.71 | | BT fixed, then STHUBBT | |
| 20:18 | 0214-0277 | SHUTTERS | 2.03 | 9.36 | 3.0 | 0.0 | 4.25 | | | |
| | UX AR1 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 | | | | | | |
| | EIA AVR | | 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, strong piston | |

0514-0555 SHUTTERS

Observers:
Cam settings:

| Local Time | | File # | Info type | UT date: | | | | Object: | | | Weather: Seeing: |
|------------|----|-------------------------------|-----------|------------|-----------|-------|-------|---------|----------|--|--|
| HA | B1 | | | B2 | B3 | B4 | B5 | B6 | Comment: | | |
| | | rek Gem (CAJ) | FARSER | W1 | S2 | S1 | E1 | E2 | WZ | | |
| | | 0848-0938 | DATA | 2.06 | 9.43 | 3.4 | 1.12 | — | — | | 5 th dark - cut G2 maybe look for pipe |
| | | 0939- 0947 0947 | DATA | 2.06 | 9.45 | 3.365 | 1.094 | 5.926 | — | | Fading data while focusing |
| | | 0948-1061 | SHUTTERS | | | | | | | | |
| | | Sig Gem | | 8.09 | 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-FRANISE |
| 3:10 | | 1162-1225 | SHUTTERS | | | | | | | | |
| | | 1226-1325 | DATA | 2.15 | 9.43 | 3.35 | 1.07 | 5.86 | | | |
| 3:30 | | 1326-1389 | SHUTTERS | | | | | | | | |
| | | HD 62064 (CAJ) | DATA | 2.12 | 9.46 | | 1.044 | 5.84 | | | |
| | | 1380-1439 | → | 2.15 6T | 9.4 5T | 3.4 | 1.045 | 5.77 | | | |

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

1545 or 1546 completed

Observers:
Cam settings:

| Local Time | | File # | Info type | UT date: | | | Object: | | | Weather: | |
|------------|--|------------------------|-----------------------------|--------------------------------|------|------|---------|------|------------|--|--|
| HA | | | | B1 | B2 | B3 | B4 | B5 | B6 | Seeing: | |
| | | 1A33 | | W1 | S2 | S1 | E1 | E2 | W2 | 10/2/10 cm | |
| | | | | DOME ISSUES - ATHER DUMPK ROOM | | | | | | | |
| | | 20:00 | | 1 | 3 | 2 | 3 | 4 | 5 | | |
| | | | | (11) | | | | | | | |
| 20:00 | | 0AM TMI | DATA | 2.05 | 9.39 | 3.24 | 0.54 | 1.86 | — | 0022 off bad 6T, good | |
| | | 0000-0045 0050-0113 | SHUTTERS | | | | | | | | |
| | | UX ANI 00114-0163 | DATA | 2.11 | 9.42 | 3.13 | -0.043 | 6.27 | — | 6T | |
| 20:36 | | 0164-0227 | SHUTTERS | | | | | | | | |
| | | HD32301 | DATA | 2.37 | 9.19 | 2.95 | -0.185 | | | see HD32301 As An = HD 31293 | |
| | | 0288-0277 0278-0341 | DATA SHUTTERS | | | | | | | ST, no E2 (CASE COST) Homed E2 (STENAX) | |
| | | 0342-0401 | DATA | 2.30 | 9.17 | 3.0 | -0.2 | 3.82 | | GT > 0354+ | |
| | | AS ANI 0402-0451 | DATA 6 | TEST | | | | | a few SIS2 | | |
| | | 0452-0501 | DATA | USE TOGETHER | | | | | | SIS2 + E1 E2 (few) very weak -6.37 | |
| | | 0501-0505 0566-0555 | SHUTTERS DATA | 0656-0719 SHUTTERS | | | | | | -6.31 -4.26 FINE SIS2 + E1 E2 | |

Observers:
Cam settings:

| Local Time | | File # | Info type | UT date: | | | | | | Object: | | | Weather: Seeing: |
|------------|----|-----------------|-----------|----------|------|------|-------|------|----------|---------|--|--|----------------------------------|
| HA | B1 | | | B2 | B3 | B4 | B5 | B6 | Comment: | | | | |
| 22:54 | | | | W1 | S2 | S1 | E1 | E2 | W2 | | | | clear No ~ 10 arc |
| | | tek Gen | | 2.15 | 9.32 | 2.91 | -0.18 | 3.98 | — | | | | |
| | | 0720-0802 | DATA | | | | | | | | | | 6T, good quality / SNR |
| | | 0803 | | | | | | | | | | | (but low EI tip / Kiet ~ 740?) |
| 23:24 | | 0803-852 | DATA | 2.09 | 9.38 | 2.96 | -0.21 | 4.05 | — | | | | 6T |
| | | 853-916 | SHUTTERS | | | | | | | | | | |
| | | 585 Gen | | 2.26 | 9.24 | 2.9 | | | | | | | |
| | | 0917-0966 | DATA | 2.23 | 9.28 | 2.92 | ? | ? | | | | | 6T S1S2W1S2 + G1E2 on RA on M |
| | | 0966-1016 | | | | | | | | | | | -4.15 |
| | | 1017-1080 | SHUTTERS | | | | | | | | | | |
| | | HP 69897 | | 2.28 | 9.28 | 2.97 | -0.23 | 3.78 | | | | | |
| | | 1081-1130 | DATA | | | | | | | | | | 6T |
| | | 1131-1194 | SHUTTERS | 1.25 | 9.28 | 2.94 | -0.26 | 3.8 | | | | | |

| Observers: Cam settings: | | UT date: | | | Object: | | | Weather: Seeing: | |
|-----------------------------|----------------------|----------------|-------|---------|---------|-------|------|---------------------|----------------------------------|
| Local Time | File # | Info type | B1 | B2 | B3 | B4 | B5 | B6 | Comment: |
| | Sig Cam | | W1 | S2 | S1 | E1 | E2 | W2 | S12 E1E2 W1W2 S2W1 S1W1 |
| | 1195-1294 | DATA | 2.215 | 9.37 | 3.12 | | | | STP.67??? |
| | 1295-1358 | SHUTTERS | | | | | | | very bootlegged |
| | 1359-1420 | DATA | | | | | | | WOLSE SEEING ✓ S12W1W2 + E1E2 |
| | HD69897 | | 2.15 | 9.40 | 3.07 | -0.1 | 4.21 | — | |
| | 1425-1479 | DATA | | | | | | | |
| | 1480-1542 | SHUTTERS | 2.13 | 9.38 | 3.08 | -0.08 | 4.75 | — | |
| | Sig. Cam | DATA | 2.16 | 9.36 | 3.06 | 0.07 | 4.37 | | W1W2 only... |
| | 1543-1581 | SHUTTERS | | | | | | | |
| | 1582-1645 | | | | | | | | |
| | | | non | CEMATIC | | | | | |
| | | | 4 | 3 | 2 | 1 | 2 | 5 | |
| 2.30 | Per Cam | FILED EXPLORER | 2.18 | 9.55 | 3.36 | 0.86 | 5.7 | | |
| | 1646-1695 | DATA | | | | | | | |
| | 1696-1759 | SHUTTERS | 2.19 | 9.47 | 3.24 | 0.99 | 5.6 | | |

