INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:              INT
DATE:                   20000324
TAPE NR:                INTD4338
OBSERVER:               S. Driver, D. Lemon, N. Cross
PROGRAMME:              WFS01
PATT/CAT REF.:          WFS01
TELESCOPE OPERATOR:     J. Rey
SUPPORT ASTRONOMER:     T. Augusteijn

TELESCOPE FOCUS:        45.97 mm
CALIBRATE RESULTS:      HI 56.12 +/- 4.08, DI -46.68 +/- 1.34, HC 43.45 +/- 2.96, Sky sigma 3.54

INSTRUMENT:             WFC

WFC FILTER WHEEL:       KPB, g, r, i, Z, U

WEATHER:                (1st half) fair
                        (2nd half) fair
CLOUD COVER (%):        (1st half) 30
                        (2nd half) 40
DUST (0-2):             (1st half) 0
                        (2nd half) 0
SEEING (arcsec):        (1st half) 1.8
                        (2nd half) 0.8

DOME OPENED (UT):       19:50

TEMPERATURE, HUMIDITY and WIND:
   UT   Temp  Hum%  Wspd  Wdir
20:00    2.4    22    20    35
21:00    2.2    24    21    38
22:00    2.0    29    24    33
23:00    3.6    14     4   332
00:00    3.8    14     7   136
01:00    3.3    14     6   224
02:00    4.1    11     8    94
03:00    4.1    11     3   124
04:00    3.6    12     3   130
05:00    4.2    11     3   284
06:00    3.5    12    13   289
07:00    3.1    15    10   322

SUNSET(UT)              19:32
EVENING TWILIGHT(UT)    20:44
MORNING TWILIGHT(UT)    05:51
SUNRISE(UT)             07:03
MOON'S QUARTER (1-4)    3
DISK % OF ILLUM.        80
DARK TIME               09:07
TWILIGHT TIME           02:24
MOONRISE(UT)            23:30
MOONSET(UT)             No moonset within sunset-sunrise

TIME LOST(WEATHER):     03:30
TIME LOST(TECHNICAL):   00:30
TIME LOST(OTHER):       00:00



Run no. Object name               RA         Dec.      Equinox    AM    PA     UT       Exp. T.   Filter      Psys Channel  Binning Comments
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| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 213366 | Bias | 0:00:00.00 | +00:00:00.0 | J2000.00 | 4.523 | 180.1 | 16:09:22.6 | 0.0 | r | Sloan |
| 213367 | Bias | 0:00:00.00 | +00:00:00.0 | J2000.00 | 4.523 | 180.1 | 16:10:10.0 | 0.0 | r | Sloan |
| 213368 | Bias | 0:00:00.00 | +00:00:00.0 | J2000.00 | 4.523 | 180.1 | 16:11:02.6 | 0.0 | r | Sloan |
| 213369 | Bias | 0:00:00.00 | +00:00:00.0 | J2000.00 | 4.523 | 180.1 | 16:11:52.1 | 0.0 | r | Sloan |
| 213370 | Bias | 0:00:00.00 | +00:00:00.0 | J2000.00 | 4.523 | 180.1 | 16:12:43.6 | 0.0 | r | Sloan |
| 213371 | Bias | 0:00:00.00 | +00:00:00.0 | J2000.00 | 4.523 | 180.1 | 17:01:58.4 | 0.0 | B | Kitt Peak |
| 213372 | Bias | 0:00:00.00 | +00:00:00.0 | J2000.00 | 4.523 | 180.1 | 17:02:45.7 | 0.0 | B | Kitt Peak |
| 213373 | Bias | 0:00:00.00 | +00:00:00.0 | J2000.00 | 4.523 | 180.1 | 17:03:33.2 | 0.0 | B | Kitt Peak |
| 213374 | Bias | 0:00:00.00 | +00:00:00.0 | J2000.00 | 4.523 | 180.1 | 17:04:20.0 | 0.0 | B | Kitt Peak |
| 213375 | Bias | 0:00:00.00 | +00:00:00.0 | J2000.00 | 4.523 | 180.1 | 17:05:06.2 | 0.0 | B | Kitt Peak |
| 213376 | Bias | 0:00:00.00 | +00:00:00.0 | J2000.00 | 4.523 | 180.1 | 18:35:59.3 | 0.0 | B | Kitt Peak |
| 213377 | Flat field | 7:50:00.00 | +29:59:59.9 | J2000.00 | 1.028 | 180.1 | 19:49:42.4 | 5.1 | B | Kitt Peak |
| 213378 | Flat field | 7:50:00.77 | +29:59:59.9 | J2000.00 | 1.026 | 180.1 | 19:51:22.9 | 10.1 | B | Kitt Peak |
| 213379 | Flat field | 7:50:00.76 | +29:59:49.9 | J2000.00 | 1.025 | 180.1 | 19:52:42.4 | 15.1 | B | Kitt Peak |
| 213380 | Flat field | 7:50:00.00 | +29:59:49.9 | J2000.00 | 1.023 | 180.1 | 19:54:57.2 | 15.1 | B | Kitt Peak |
| 213381 | Flat field | 7:50:00.00 | +29:59:59.9 | J2000.00 | 1.022 | 180.1 | 19:57:15.6 | 5.1 | z | Gunn |
| 213382 | Flat field | 7:49:59.99 | +30:00:00.0 | J2000.00 | 1.019 | 180.1 | 20:00:07.1 | 30.1 | i | Sloan |
| 213383 | Focus run | 9:57:26.50 | -00:14:47.9 | J2000.00 | 1.524 | 180.1 | 20:14:28.8 | 15.1 | B | Kitt Peak |
| 213384 | Focus run | 9:57:26.50 | -00:14:47.8 | J2000.00 | 1.452 | 180.1 | 20:27:45.7 | 15.1 | B | Kitt Peak |
| 213385 | sa101-427 | 9:57:26.50 | -00:17:18.0 | J2000.00 | 1.419 | 180.1 | 20:33:05.5 | 30.1 | B | Kitt Peak |
| 213386 | sa101-427 | 9:57:26.49 | -00:17:18.0 | J2000.00 | 1.397 | 180.1 | 20:37:51.9 | 60.0 | B | Kitt Peak |
| 213387 | mgc016 | 10:29:59.99 | +00:00:00.0 | J2000.00 | 1.437 | 180.1 | 20:52:39.7 | 999.1 | B | Kitt Peak |
| 213388 | mgc017 | 10:32:00.00 | +00:00:00.0 | J2000.00 | 1.357 | 180.1 | 21:15:11.8 | 749.3 | B | Kitt Peak |
| 213389 | mgc018 | 10:33:59.99 | +00:00:00.0 | J2000.00 | 1.301 | 180.1 | 21:33:21.1 | 749.3 | B | Kitt Peak |
| 213390 | mgc019 | 10:35:59.99 | -00:00:00.0 | J2000.00 | 1.258 | 180.1 | 21:50:28.0 | 749.3 | B | Kitt Peak |
| 213391 | mgc020 | 10:37:59.99 | +00:00:00.0 | J2000.00 | 1.223 | 180.1 | 22:07:35.9 | 749.4 | B | Kitt Peak |
| 213392 | sa101-427 | 9:57:26.49 | -00:17:17.9 | J2000.00 | 1.158 | 180.1 | 22:22:09.2 | 30.0 | B | Kitt Peak |
| 213393 | mgc041 | 11:20:00.00 | -00:00:00.0 | J2000.00 | 1.281 | 180.1 | 22:26:10.4 | 749.5 | B | Kitt Peak |
| 213394 | mgc042 | 11:21:59.99 | +00:00:00.1 | J2000.00 | 1.241 | 180.1 | 22:43:25.2 | 749.3 | B | Kitt Peak |
| 213395 | mgc043 | 11:24:00.00 | -00:00:00.2 | J2000.00 | 1.212 | 180.1 | 22:59:27.5 | 749.3 | B | Kitt Peak |
| 213397 | mgc044 | 11:25:59.99 | -00:00:00.0 | J2000.00 | 1.185 | 180.1 | 23:16:59.5 | 749.4 | B | Kitt Peak |
| 213398 | sa101-427 | 9:57:26.50 | -00:17:17.9 | J2000.00 | 1.157 | 180.1 | 23:33:05.9 | 30.1 | B | Kitt Peak |
| 213399 | sa101-427 | 9:57:26.50 | -00:17:18.0 | J2000.00 | 1.159 | 180.1 | 23:35:12.7 | 60.1 | z | Gunn |
| 213400 | Focus run | 9:57:26.50 | -00:14:47.9 | J2000.00 | 1.166 | 180.1 | 23:45:08.9 | 15.1 | z | Gunn |
| 213403 | Bias | 0:00:00.00 | +00:00:00.0 | J2000.00 | 1.000 | 180.1 | 01:39:43.8 | 0.0 | z | Gunn |
| 213404 | Focus run | 12:42:20.49 | -00:37:59.0 | J2000.00 | 1.297 | 180.1 | 03:34:41.6 | 10.1 | z | Gunn |
| 213405 | sa104-334 | 12:42:20.49 | -00:40:29.0 | J2000.00 | 1.332 | 180.1 | 03:43:32.5 | 60.1 | z | Gunn |
| 213407 | mgc111 | 13:39:59.99 | +00:00:00.0 | J2000.00 | 1.224 | 180.1 | 03:54:55.7 | 1198.8 | z | Gunn |
| 213408 | mgc112 | 13:42:00.00 | +00:00:00.0 | J2000.00 | 1.283 | 180.1 | 04:20:55.9 | 1198.8 | z | Gunn |
| 213410 | Bias | 13:41:59.99 | +00:00:00.0 | J2000.00 | 1.337 | 180.1 | 04:47:48.8 | 0.0 | z | Gunn |
| 213411 | mgc112a | 13:41:59.99 | -00:00:00.0 | J2000.00 | 1.419 | 180.1 | 04:57:50.1 | 1199.0 | z | Gunn |
| 213413 | (target not named) | 15:40:00.00 | +28:00:00.0 | J2000.00 | 1.031 | 180.1 | 05:43:50.9 | 30.1 | z | Gunn |
| 213414 | (target not named) | 15:39:59.99 | +28:00:00.0 | J2000.00 | 1.066 | 180.1 | 06:11:49.7 | 30.1 | z | Gunn |
| 213415 | Flat field | 15:40:00.00 | +28:00:00.0 | J2000.00 | 1.114 | 180.1 | 06:37:56.5 | 60.1 | z | Gunn |
| 213416 | Flat field | 15:40:00.75 | +28:00:00.0 | J2000.00 | 1.118 | 180.1 | 06:40:19.6 | 44.6 | z | Gunn |
| 213417 | Flat field | 15:40:01.51 | +27:59:59.9 | J2000.00 | 1.124 | 180.1 | 06:42:45.6 | 44.6 | z | Gunn |
| 213418 | Flat field | 15:40:02.26 | +27:59:59.9 | J2000.00 | 1.129 | 180.1 | 06:45:14.9 | 25.1 | z | Gunn |
| 213419 | Flat field | 15:40:03.02 | +27:59:59.9 | J2000.00 | 1.136 | 180.1 | 06:48:42.5 | 12.1 | z | Gunn |
| 213420 | Flat field | 15:40:03.77 | +27:59:59.9 | J2000.00 | 1.142 | 180.1 | 06:51:21.0 | 5.1 | z | Gunn |