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INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE:              INT
DATE:                   1999 Feb 15/16
INT TAPE NR:            INTD3962
OBSERVER:               Gavin Dalton/Jane Booth
PROGRAMME:              Oxford UBVRIZ deep survey
PATT/CAT:               WFS 16
TELESCOPE OPERATOR:     -------
SUPPORT ASTRONOMER:     -------

FOCUS:                  PRIME
INSTRUMENT:             WFC
FILTER WHEEL (PF):      KP, U, SI, R, V, Z
CAMERA (IDS):           ---
COLLIMATOR (IDS):       ---
COLL. FOCUS (IDS):      ---
GRATING (IDS):          ---
DETECTOR:               4xEEV
PIXELS:                 2K x 4K
PIXEL SIZE (microns):   13.5
WINDOW:                 none
BINNING:                none

WEATHER:                  clear
OUTSIDE TEMP (deg C):      0        (FIRST HALF)
OUTSIDE TEMP (deg C):     -3        (SECOND HALF)
HUMIDITY (%):             99        (FIRST HALF)
HUMIDITY (%):             99        (SECOND HALF)
CLOUD COVER (%):          00        (FIRST HALF)
CLOUD COVER (%):          00        (SECOND HALF)
DUST (0 - 2):           0.03        (FIRST HALF)
DUST (0 - 2):           0.03        (SECOND HALF)
SEEING (arcsec):         ---        (FIRST HALF)
SEEING (arcsec):         ---        (SECOND HALF)
AV. SEEING (arcsec):     ---
NO. SEEING MEASURES:     0

UTC    TELESCOPE                 CASELLA OUT   CASELLA IN    SEEING
       AZ   EL  Focus  TComp     Temp   Humid  Temp   Humid  Det./TV  Comments

DARK HOURS:             10:16
DOME OPEN (UTC):        18:30
MOON PHASE (D/G/B):         D
DK HRS LOST (WEATHER):09:45
DK HRS LOST (TELESC): 00:00
DK HRS LOST (DOME):   00:00
DK HRS LOST (INSTR.): 00:00
DK HRS LOST (DET.):   00:00
DK HRS LOST (COMPS.): 00:00
DK HRS LOST (A&G):    00:00
DK HRS LOST (OTHER):  00:00

COMMENTS:

Run no. Object name              RA         Dec.     Equinox    AM    PA     UT       Exp. T.   Filter      Psys Channel  Binning Comments
 148972 Bias frame           0:00:00.00 +00:00:00.0 A        4.309 180.0 14:17:25.3      0.0  Unknown    Unknown    1      1 x 1
 148973 File not available engineering work
 148974 File not available engineering work
 148975 File not available engineering work
 148980 Bias frame           0:00:00.00 +00:00:00.0 A        4.309 180.0 14:28:41.0      0.0  Unknown    Unknown    1      1 x 1
 148981 Bias frame           0:00:00.00 +00:00:00.0 A        4.309 180.0 14:28:41.0      0.0  Unknown    Unknown    5      1 x 1
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148982	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	14:28:41.0	0.0	Unknown Unknown	3	1 x 1
148983	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	14:28:41.0	0.0	Unknown Unknown	4	1 x 1
148984	File not available										
148985	File not available										
148986	File not available										
148987	File not available										
148988	File not available										
148989	File not available										
148990	File not available										
148991	File not available										
148992	File not available										
148993	File not available										
148994	File not available										
148995	File not available										
149004	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:08:32.0	0.0	I Sloan Gunn	1	1 x 1
149005	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:08:32.0	0.0	I Sloan Gunn	5	1 x 1
149006	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:08:32.0	0.0	I Sloan Gunn	3	1 x 1
149007	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:08:32.0	0.0	I Sloan Gunn	4	1 x 1
149008	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:11:24.8	0.0	I Sloan Gunn	1	1 x 1
149009	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:11:24.8	0.0	I Sloan Gunn	5	1 x 1
149010	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:11:24.8	0.0	I Sloan Gunn	3	1 x 1
149011	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:11:24.8	0.0	I Sloan Gunn	4	1 x 1
149012	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:14:17.5	0.0	I Sloan Gunn	1	1 x 1
149013	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:14:17.5	0.0	I Sloan Gunn	5	1 x 1
149014	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:14:17.5	0.0	I Sloan Gunn	3	1 x 1
149015	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:14:17.5	0.0	I Sloan Gunn	4	1 x 1
149016	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:17:06.9	0.0	I Sloan Gunn	1	1 x 1
149017	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:17:06.9	0.0	I Sloan Gunn	5	1 x 1
149018	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:17:06.9	0.0	I Sloan Gunn	3	1 x 1
149019	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:17:06.9	0.0	I Sloan Gunn	4	1 x 1
149020	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:20:01.0	0.0	I Sloan Gunn	1	1 x 1
149021	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:20:01.0	0.0	I Sloan Gunn	5	1 x 1
149022	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:20:01.0	0.0	I Sloan Gunn	3	1 x 1
149023	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:20:01.0	0.0	I Sloan Gunn	4	1 x 1
149024	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:22:54.3	0.0	I Sloan Gunn	1	1 x 1
149025	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:22:54.3	0.0	I Sloan Gunn	5	1 x 1
149026	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:22:54.3	0.0	I Sloan Gunn	3	1 x 1
149027	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:22:54.3	0.0	I Sloan Gunn	4	1 x 1
149028	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:25:47.1	0.0	I Sloan Gunn	1	1 x 1
149029	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:25:47.1	0.0	I Sloan Gunn	5	1 x 1
149030	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:25:47.1	0.0	I Sloan Gunn	3	1 x 1
149031	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:25:47.1	0.0	I Sloan Gunn	4	1 x 1
149032	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:28:36.3	0.0	I Sloan Gunn	1	1 x 1
149033	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:28:36.3	0.0	I Sloan Gunn	5	1 x 1
149034	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:28:36.3	0.0	I Sloan Gunn	3	1 x 1
149035	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:28:36.3	0.0	I Sloan Gunn	4	1 x 1
149036	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:31:28.1	0.0	I Sloan Gunn	1	1 x 1
149037	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:31:28.1	0.0	I Sloan Gunn	5	1 x 1
149038	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:31:28.1	0.0	I Sloan Gunn	3	1 x 1
149039	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:31:28.1	0.0	I Sloan Gunn	4	1 x 1
149040	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:34:19.2	0.0	I Sloan Gunn	1	1 x 1
149041	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:34:19.2	0.0	I Sloan Gunn	5	1 x 1
149042	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:34:19.2	0.0	I Sloan Gunn	3	1 x 1
149043	Bias frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:34:19.2	0.0	I Sloan Gunn	4	1 x 1
149044	Dark frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:37:30.9	1100.0	I Sloan Gunn	1	1 x 1
149045	Dark frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:37:30.9	1100.0	I Sloan Gunn	5	1 x 1
149046	Dark frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:37:30.9	1100.0	I Sloan Gunn	3	1 x 1
149047	Dark frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:37:30.9	1100.0	I Sloan Gunn	4	1 x 1
149048	Dark frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:58:42.0	1100.0	I Sloan Gunn	1	1 x 1
149049	Dark frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:58:42.0	1100.0	I Sloan Gunn	5	1 x 1
149050	Dark frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:58:42.0	1100.0	I Sloan Gunn	3	1 x 1
149051	Dark frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	16:58:42.0	1100.0	I Sloan Gunn	4	1 x 1

149052	Dark frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	17:19:52.9	1100.0	I	Sloan Gunn	1	1 x 1
149053	Dark frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	17:19:52.9	1100.0	I	Sloan Gunn	5	1 x 1
149054	Dark frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	17:19:52.9	1100.0	I	Sloan Gunn	3	1 x 1
149055	Dark frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	17:19:52.9	1100.0	I	Sloan Gunn	4	1 x 1
149056	Dark frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	17:41:04.1	1100.0	I	Sloan Gunn	1	1 x 1
149057	Dark frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	17:41:04.1	1100.0	I	Sloan Gunn	5	1 x 1
149058	Dark frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	17:41:04.1	1100.0	I	Sloan Gunn	3	1 x 1
149059	Dark frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	17:41:04.1	1100.0	I	Sloan Gunn	4	1 x 1
149060	Dark frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	18:02:15.2	1100.0	I	Sloan Gunn	1	1 x 1
149061	Dark frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	18:02:15.2	1100.0	I	Sloan Gunn	5	1 x 1
149062	Dark frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	18:02:15.2	1100.0	I	Sloan Gunn	3	1 x 1
149063	Dark frame	0:00:00.00	+00:00:00.0	A	4.309	180.0	18:02:15.2	1100.0	I	Sloan Gunn	4	1 x 1
149072	Flat field	4:25:47.13	+54:09:12.9	B1950.00	1.115	180.0	19:24:24.4	31.4	I	Sloan Gunn	1	1 x 1
149073	Flat field	4:25:47.13	+54:09:12.9	B1950.00	1.115	180.0	19:24:24.4	31.4	I	Sloan Gunn	5	1 x 1
149074	Flat field	4:25:47.13	+54:09:12.9	B1950.00	1.115	180.0	19:24:24.4	31.4	I	Sloan Gunn	3	1 x 1
149075	Flat field	4:25:47.13	+54:09:12.9	B1950.00	1.115	180.0	19:24:24.4	31.4	I	Sloan Gunn	4	1 x 1
149076	Flat field	4:25:47.13	+54:09:02.9	B1950.00	1.114	180.0	19:28:03.9	32.4	I	Sloan Gunn	1	1 x 1
149077	Flat field	4:25:47.13	+54:09:02.9	B1950.00	1.114	180.0	19:28:03.9	32.4	I	Sloan Gunn	5	1 x 1
149078	Flat field	4:25:47.13	+54:09:02.9	B1950.00	1.114	180.0	19:28:03.9	32.4	I	Sloan Gunn	3	1 x 1
149079	Flat field	4:25:47.13	+54:09:02.9	B1950.00	1.114	180.0	19:28:03.9	32.4	I	Sloan Gunn	4	1 x 1
149080	Flat field	4:25:47.13	+54:08:42.9	B1950.00	1.111	180.0	19:33:28.9	136.9	I	Sloan Gunn	1	1 x 1
149081	Flat field	4:25:47.13	+54:08:42.9	B1950.00	1.111	180.0	19:33:28.9	136.9	I	Sloan Gunn	5	1 x 1
149082	Flat field	4:25:47.13	+54:08:42.9	B1950.00	1.111	180.0	19:33:28.9	136.9	I	Sloan Gunn	3	1 x 1
149083	Flat field	4:25:47.13	+54:08:42.9	B1950.00	1.111	180.0	19:33:28.9	136.9	I	Sloan Gunn	4	1 x 1
149084	H040 V	9:08:27.07	+41:18:22.0	J2000.00	1.623	180.0	20:17:34.2	998.9	V	Harris	1	1 x 1
149085	H040 V	9:08:27.07	+41:18:22.0	J2000.00	1.623	180.0	20:17:34.2	998.9	V	Harris	5	1 x 1
149086	H040 V	9:08:27.07	+41:18:22.0	J2000.00	1.623	180.0	20:17:34.2	998.9	V	Harris	3	1 x 1
149087	H040 V	9:08:27.07	+41:18:22.0	J2000.00	1.623	180.0	20:17:34.2	998.9	V	Harris	4	1 x 1
149088	Focus run	9:08:27.07	+41:20:07.0	J2000.00	1.521	180.0	20:43:43.6	4.6	B	Kitt Peak	1	1 x 1
149089	Focus run	9:08:27.07	+41:20:07.0	J2000.00	1.521	180.0	20:43:43.6	4.6	B	Kitt Peak	5	1 x 1
149090	Focus run	9:08:27.07	+41:20:07.0	J2000.00	1.521	180.0	20:43:43.6	4.6	B	Kitt Peak	3	1 x 1
149091	Focus run	9:08:27.07	+41:20:07.0	J2000.00	1.521	180.0	20:43:43.6	4.6	B	Kitt Peak	4	1 x 1
149093	H040 B	9:08:27.07	+41:18:22.0	J2000.00	1.427	180.0	20:52:52.8	899.1	B	Kitt Peak	1	1 x 1
149094	H040 B	9:08:27.07	+41:18:22.0	J2000.00	1.427	180.0	20:52:52.8	899.1	B	Kitt Peak	5	1 x 1
149095	H040 B	9:08:27.07	+41:18:22.0	J2000.00	1.427	180.0	20:52:52.8	899.1	B	Kitt Peak	3	1 x 1
149096	H040 B	9:08:27.07	+41:18:22.0	J2000.00	1.427	180.0	20:52:52.8	899.1	B	Kitt Peak	4	1 x 1