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INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE:            INT
DATE:                 1999 JUN 08/09
INT TAPE NR:          INTD4072
OBSERVER:             Driver, Couch, Cross
PROGRAMME:            WFS03
PATT/CAT:             WFS03
TELESCOPE OPERATOR:   None
SUPPORT ASTRONOMER:   None

FOCUS:                Prime
INSTRUMENT:           WFC
FILTER WHEEL (PF):    KPB,Z,r,g,i,U
CAMERA (IDS):         -
COLLIMATOR (IDS):     -
COLL. FOCUS (IDS):    -
GRATING (IDS):        -
DETECTOR:             EEV
PIXELS:               4X2148x4200
PIXEL SIZE (microns): 13.5
WINDOW:               Xstart=   , Xsize=   , Ystart=   , Ysize=
BINNING:              in X=1, in Y=1

WEATHER:              Good
OUTSIDE TEMP (deg C):   11.0           (FIRST HALF)
OUTSIDE TEMP (deg C):   9.0           (SECOND HALF)
HUMIDITY (%):           20%            (FIRST HALF)
HUMIDITY (%):           20%           (SECOND HALF)
CLOUD COVER (%):         0             (FIRST HALF)
CLOUD COVER (%):         0            (SECOND HALF)
DUST (0 - 2):            1             (FIRST HALF)
DUST (0 - 2):            1            (SECOND HALF)
SEEING (arcsec):         1.1             (FIRST HALF)
SEEING (arcsec):         0.9            (SECOND HALF)
AV. SEEING (arcsec):     1.0
NO. SEEING MEASURES:     0

UTC    TELESCOPE                CASELLA OUT   CASELLA IN    SEEING
       AZ   ZD  Focus  TubeTemp  Temp   Humid  Temp   Humid  Det./TV  Comments

DARK HOURS:           06:58
DOME OPEN (UTC):      19:30
MOON PHASE (D/G/B):       G
DK HRS LOST (WEATHER):00:00
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: Telescope overshooting.

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Run no. Object name             RA         Dec.     Equinox    AM    PA     UT       Exp. T.   Filter      Psys Channel  Binning Comments
 168624 Bias frame                                                      14:53:54.6      0.0        U        RGO    1      1 x 1
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168629	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:22:29.2	0.0	z	Gunn	1	1 x 1
168641	bias	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	16:32:42.0	0.0	z	Gunn	1	1 x 1
168645	bias	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	16:35:33.1	0.0	z	Gunn	1	1 x 1
168649	bias	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	16:38:24.4	0.0	z	Gunn	1	1 x 1
168653	bias	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	16:41:15.4	0.0	z	Gunn	1	1 x 1
168657	bias	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	16:44:06.7	0.0	z	Gunn	1	1 x 1
168664	Flat field	13:04:33.00	+29:50:49.0	B1950.00	1.009	179.8	20:35:36.2	3.6	B	Kitt Peak	1	1 x 1
168668	Flat field	13:04:33.00	+29:50:38.9	B1950.00	1.008	179.8	20:39:00.9	8.0	B	Kitt Peak	1	1 x 1
168672	Flat field	13:04:33.76	+29:50:38.9	B1950.00	1.006	179.8	20:42:24.6	17.7	B	Kitt Peak	1	1 x 1
168676	sa104-334 B	12:42:21.00	-00:40:27.9	J2000.00	1.149	179.8	20:56:48.6	19.6	B	Kitt Peak	1	1 x 1
168680	Focus run	12:42:21.00	-00:38:42.9	J2000.00	1.151	179.8	21:07:16.0	20.1	B	Kitt Peak	1	1 x 1
168684	sa104-334 KPB	12:42:21.00	-00:40:28.0	J2000.00	1.159	179.8	21:17:28.5	60.0	B	Kitt Peak	1	1 x 1
168692	sa104-334 KPB	12:42:21.00	-00:40:27.9	J2000.00	1.163	179.8	21:23:32.7	20.1	B	Kitt Peak	1	1 x 1
168709	wfsngc086 KPB	12:49:59.99	+00:00:00.0	J2000.00	1.167	179.8	21:37:13.6	749.3	B	Kitt Peak	1	1 x 1
168731	wfsngc087 KPB	12:52:00.00	+00:00:00.0	J2000.00	1.190	179.8	21:56:01.6	749.0	B	Kitt Peak	1	1 x 1
168735	wfsngc088 KPB	12:54:00.00	-00:00:00.0	J2000.00	1.219	179.8	22:14:28.6	749.3	B	Kitt Peak	1	1 x 1
168739	wfsngc089 KPB	12:56:00.00	+00:00:00.0	J2000.00	1.271	179.8	22:38:47.7	748.4	B	Kitt Peak	1	1 x 1
168743	wfsngc090 KPB	12:57:59.99	-00:00:00.1	J2000.00	1.318	179.8	22:56:10.8	749.2	B	Kitt Peak	1	1 x 1
168747	wfsngc098 KPB	13:14:00.00	-00:00:00.0	J2000.00	1.327	179.8	23:14:45.9	749.3	B	Kitt Peak	1	1 x 1
168751	wfsngc099 KPB	13:16:00.00	+00:00:00.0	J2000.00	1.385	179.8	23:32:09.3	749.1	B	Kitt Peak	1	1 x 1
168755	wfsngc113 KPB	13:44:00.00	+00:00:00.1	J2000.00	1.350	179.8	23:51:01.3	749.2	B	Kitt Peak	1	1 x 1
168759	wfsngc114 KPB	13:46:00.00	+00:00:00.1	J2000.00	1.413	179.8	00:08:21.0	749.1	B	Kitt Peak	1	1 x 1
168763	wfsngc115 KPB	13:48:00.00	-00:00:00.1	J2000.00	1.489	179.8	00:25:44.5	749.2	B	Kitt Peak	1	1 x 1
168767	wfsngc128 KPB	14:13:59.98	-00:00:00.0	J2000.00	1.450	179.8	00:44:14.4	749.4	B	Kitt Peak	1	1 x 1
168771	wfsngc129 KPB	14:15:59.99	-00:00:00.1	J2000.00	1.534	179.8	01:01:32.6	749.1	B	Kitt Peak	1	1 x 1
168775	sa107-602 KPB	15:39:19.00	-00:15:29.0	J2000.00	1.253	179.8	01:19:35.8	20.1	B	Kitt Peak	1	1 x 1
168779	sa107-602 i	15:39:19.00	-00:15:29.0	J2000.00	1.263	179.8	01:23:12.9	20.1	i	Sloan	1	1 x 1
168783	Focus run	15:39:19.00	-00:13:43.9	J2000.00	1.277	179.8	01:30:15.1	5.1	i	Sloan	1	1 x 1
168787	wfsj1610+5430_013	16:04:32.00	+54:10:00.0	J2000.00	1.166	179.8	01:40:59.6	599.5	i	Sloan	1	1 x 1
168791	wfsj1610+5430_014	16:04:29.39	+54:29:59.9	J2000.00	1.189	179.8	01:55:42.4	599.4	i	Sloan	1	1 x 1
168795	wfsj1610+5430_015	16:04:26.60	+54:50:00.0	J2000.00	1.216	179.8	02:10:14.6	598.8	i	Sloan	1	1 x 1
168799	wfsj1610+5430_022	16:08:10.70	+54:10:00.0	J2000.00	1.231	179.8	02:25:15.6	599.4	i	Sloan	1	1 x 1
168803	wfsj1610+5430_023	16:08:09.79	+54:29:59.9	J2000.00	1.264	179.8	02:39:53.4	599.4	i	Sloan	1	1 x 1
168807	wfsj1610+5430_024	16:08:08.90	+54:50:00.0	J2000.00	1.300	179.8	02:54:26.7	599.4	i	Sloan	1	1 x 1
168811	wfsj1610+5430_040	16:15:27.99	+54:09:59.9	J2000.00	1.323	179.8	03:12:15.2	599.4	z	Gunn	1	1 x 1
168815	wfsj1610+5430_031	16:11:49.30	+54:09:59.9	J2000.00	1.395	179.8	03:27:13.8	1198.7	z	Gunn	1	1 x 1
168819	wfsj1610+5430_032	16:11:50.20	+54:30:00.0	J2000.00	1.488	179.8	03:51:46.7	1198.9	z	Gunn	1	1 x 1
168823	wfsj1610+5430_033	16:11:51.10	+54:49:59.9	J2000.00	1.601	179.8	04:16:20.5	1198.8	z	Gunn	1	1 x 1
168827	sa110-361 I	18:42:45.00	+00:08:03.8	J2000.00	1.303	179.8	04:42:04.9	20.1	z	Gunn	1	1 x 1
168831	sa110-361 Z	18:42:45.00	+00:08:03.9	J2000.00	1.319	179.8	04:46:37.7	60.0	z	Gunn	1	1 x 1
168835	sa110-361 B	18:42:45.00	+00:08:04.0	J2000.00	1.332	179.8	04:50:43.8	20.1	z	Gunn	1	1 x 1
168839	sa110-361 I	18:42:44.99	+00:08:03.9	J2000.00	1.345	179.8	04:54:25.7	20.0	i	Sloan	1	1 x 1
168843	sa110-361 B	18:42:45.00	+00:08:04.0	J2000.00	1.358	179.8	04:57:44.5	20.1	B	Kitt Peak	1	1 x 1
168847	sa110-361 U	18:42:44.99	+00:08:03.9	J2000.00	1.373	179.8	05:01:12.3	60.1	U	RGO	1	1 x 1
168851	sa110-361 r	18:42:45.00	+00:08:04.0	J2000.00	1.388	179.8	05:05:18.5	19.6	r	Sloan	1	1 x 1
168855	sa110-361 g	18:42:45.00	+00:08:04.0	J2000.00	1.404	179.8	05:08:55.4	20.1	g	Sloan	1	1 x 1
168859	flat i	21:26:54.40	-08:51:40.9	B1950.00	1.258	179.8	05:32:59.3	40.1	i	Sloan	1	1 x 1
168863	flat i	21:26:55.07	-08:51:40.9	B1950.00	1.258	179.8	05:37:23.6	18.1	i	Sloan	1	1 x 1
168867	flat Z	21:26:55.07	-08:51:41.0	B1950.00	1.259	179.8	05:40:58.6	30.1	z	Gunn	1	1 x 1
168871	flat Z	21:26:55.07	-08:51:31.3	B1950.00	1.260	179.8	05:44:51.0	12.1	z	Gunn	1	1 x 1
168875	flat Z	21:26:55.07	-08:51:21.3	B1950.00	1.261	179.8	05:48:18.6	4.1	z	Gunn	1	1 x 1