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INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE:             INT
DATE:                  1999 JUN 07/08
INT TAPE NR:           INTD4071
OBSERVER:              Driver, Cross
PROGRAMME:             WFS03
PATT/CAT:              WFS03
TELESCOPE OPERATOR:    C. Martin
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):    10.0            (SECOND HALF)
HUMIDITY (%):            30%             (FIRST HALF)
HUMIDITY (%):            15%             (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):          1.0              (FIRST HALF)
SEEING (arcsec):          1.0              (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: Filter wheel still playing up.

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Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys	Channel	Binning	Comments
168429	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.8	14:19:15.7	0.0	U	RGO	1	1 x 1	

168433	Unspecified object	0:00:00.00	+00:00:00.0	A	1.000	179.8	14:31:29.1	2.7	U	RGO	1	1 x 1
168437	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.8	16:15:58.2	0.0	g	Sloan	1	1 x 1
168441	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.8	16:18:51.0	0.0	g	Sloan	1	1 x 1
168445	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.8	16:21:44.3	0.0	g	Sloan	1	1 x 1
168449	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.8	16:24:34.5	0.0	g	Sloan	1	1 x 1
168453	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.8	16:27:25.9	0.0	g	Sloan	1	1 x 1
168461	Flat field	13:04:33.00	+29:50:49.0	B1950.00	1.011	179.8	20:36:23.6	4.7	B	Kitt Peak	1	1 x 1
168469	Flat field	13:04:35.30	+29:50:49.0	B1950.00	1.009	179.8	20:40:07.4	11.6	B	Kitt Peak	1	1 x 1
168473	Flat field	13:04:34.53	+29:50:39.0	B1950.00	1.007	179.8	20:43:46.4	26.5	B	Kitt Peak	1	1 x 1
168477	Flat field	13:04:33.76	+29:50:34.0	B1950.00	1.005	179.8	20:47:34.5	57.8	B	Kitt Peak	1	1 x 1
168481	Focus run	12:42:21.00	-00:38:42.9	J2000.00	1.149	179.8	21:02:41.6	4.6	B	Kitt Peak	1	1 x 1
168486	sa104-334 B	12:42:20.99	-00:36:57.9	J2000.00	1.151	179.8	21:09:59.1	20.1	B	Kitt Peak	1	1 x 1
168494	Focus run	12:42:20.99	-00:38:43.1	J2000.00	1.160	179.8	21:24:19.6	4.6	B	Kitt Peak	1	1 x 1
168498	sa104-334 B	12:42:21.00	-00:36:58.0	J2000.00	1.164	179.8	21:29:37.6	20.1	B	Kitt Peak	1	1 x 1
168502	wfsngc081 KPB	12:39:59.99	+00:00:00.0	J2000.00	1.175	179.8	21:37:31.5	749.3	B	Kitt Peak	1	1 x 1
168506	wfsngc082 KPB	12:42:00.00	-00:00:00.0	J2000.00	1.197	179.8	21:54:53.5	749.2	B	Kitt Peak	1	1 x 1
168510	wfsngc083 KPB	12:43:59.99	-00:00:00.0	J2000.00	1.227	179.8	22:12:12.4	748.8	B	Kitt Peak	1	1 x 1
168514	wfsngc084 KPB	12:46:00.00	-00:00:00.0	J2000.00	1.262	179.8	22:29:14.5	749.4	B	Kitt Peak	1	1 x 1
168518	wfsngc085 KPB	12:48:00.00	+00:00:00.1	J2000.00	1.306	179.8	22:46:28.6	748.5	B	Kitt Peak	1	1 x 1
168522	wfsngc096 KPB	13:10:00.00	+00:00:00.0	J2000.00	1.309	179.8	23:09:18.6	748.8	B	Kitt Peak	1	1 x 1
168526	wfsngc097 KPB	13:11:59.99	+00:00:00.0	J2000.00	1.363	179.8	23:26:36.7	748.8	B	Kitt Peak	1	1 x 1
168530	wfsngc112 KPB	13:42:00.00	+00:00:00.0	J2000.00	1.322	179.8	23:45:04.4	749.3	B	Kitt Peak	1	1 x 1
168534	wfsngc117 KPB	13:52:00.00	+00:00:00.1	J2000.00	1.350	179.8	00:03:06.2	749.2	B	Kitt Peak	1	1 x 1
168538	wfsngc127 KPB	14:12:00.00	+00:00:00.0	J2000.00	1.343	179.8	00:21:12.5	749.4	B	Kitt Peak	1	1 x 1
168542	wfsngc130 KPB	14:17:59.99	-00:00:00.0	J2000.00	1.391	179.8	00:39:10.8	749.2	B	Kitt Peak	1	1 x 1
168546	wfsngc133 KPB	14:23:59.99	+00:00:00.0	J2000.00	1.445	179.8	00:57:01.7	749.3	B	Kitt Peak	1	1 x 1
168550	wfsngc136 KPB	14:29:59.99	+00:00:00.2	J2000.00	1.508	179.8	01:14:54.3	749.1	B	Kitt Peak	1	1 x 1
168554	wfsngc137 KPB	14:31:59.99	+00:00:00.1	J2000.00	1.604	179.8	01:32:14.9	749.3	B	Kitt Peak	1	1 x 1
168558	sa107-602 B	15:39:19.00	-00:15:28.9	J2000.00	1.333	179.8	01:50:18.1	20.1	B	Kitt Peak	1	1 x 1
168562	Focus run	15:39:19.00	-00:13:44.0	J2000.00	1.369	179.8	02:01:22.2	5.1	z	Gunn	1	1 x 1
168566	wsj1610_5430_040 Z	16:15:28.00	+54:09:59.9	J2000.00	1.184	179.8	02:08:34.0	598.9	z	Gunn	1	1 x 1
168570	wfsj1610+5430_041	16:15:30.59	+54:30:00.0	J2000.00	1.215	179.8	02:23:56.6	899.2	z	Gunn	1	1 x 1
168574	wfsj1610+5430_042	16:15:33.39	+54:50:00.0	J2000.00	1.263	179.8	02:44:27.3	1198.7	z	Gunn	1	1 x 1
168578	wfsj1610+5430_049	16:19:06.60	+54:10:00.1	J2000.00	1.309	179.8	03:09:37.7	1198.6	z	Gunn	1	1 x 1
168582	wfsj1610+5430_050	16:19:11.10	+54:30:00.0	J2000.00	1.383	179.8	03:34:14.7	1198.7	z	Gunn	1	1 x 1
168586	wfsj1610+5430_051	16:19:15.60	+54:50:00.1	J2000.00	1.473	179.8	03:58:51.1	1198.6	z	Gunn	1	1 x 1
168590	wfsj1610+5430_024	16:08:08.89	+54:49:59.8	J2000.00	1.646	179.8	04:25:10.9	1198.8	z	Gunn	1	1 x 1
168594	sa110-361 Z	18:42:45.00	+00:08:03.9	J2000.00	1.318	179.8	04:50:26.0	60.1	z	Gunn	1	1 x 1
168598	sa113-163 Z	21:42:35.00	+00:16:45.9	J2000.00	1.169	179.8	04:55:32.5	60.0	z	Gunn	1	1 x 1
168602	flat Z	21:26:54.39	-08:51:41.0	B1950.00	1.258	179.8	05:40:03.5	40.1	z	Gunn	1	1 x 1
168606	flat Z	21:26:55.07	-08:51:40.9	B1950.00	1.259	179.8	05:44:17.9	12.1	z	Gunn	1	1 x 1
168610	flat Z	21:26:55.07	-08:51:30.9	B1950.00	1.260	179.8	05:47:59.4	5.1	z	Gunn	1	1 x 1