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INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE:             INT
DATE:                  1998 SEP 01/02
INT TAPE NR:           INTD 3778/9
OBSERVER:              J. Lewis, P. Bunclark
PROGRAMME:             Cambridge WFC Survey
PATT/CAT:              WFS
TELESCOPE OPERATOR:    M. Azzaro
SUPPORT ASTRONOMER:    -

FOCUS:                 Prime
INSTRUMENT:            WFC
FILTER WHEEL (PF):     U,Z,V,B(KP),R,I
CAMERA (IDS):          -
COLLIMATOR (IDS):      -
COLL. FOCUS (IDS):     -
GRATING (IDS):         -
DETECTOR:              WFC
PIXELS:                4x2048x4200
PIXEL SIZE (microns): 13.5
WINDOW:                Xstart=0, Xsize=2048, Ystart=0, Ysize=4200

CLOUD COVER (%):          0              (FIRST HALF)
BINNING:               in X=1, in Y=1

WEATHER:               Good
OUTSIDE TEMP (deg C):    14.0            (FIRST HALF)
OUTSIDE TEMP (deg C):    14.5            (SECOND HALF)
HUMIDITY (%):            45              (FIRST HALF)
HUMIDITY (%):            25              (SECOND HALF)
CLOUD COVER (%):          0              (FIRST HALF)
CLOUD COVER (%):          0              (SECOND HALF)
DUST (0 - 2):             0              (FIRST HALF)
DUST (0 - 2):             0              (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    ZD  Focus  TubeTemp  Temp   Humid  Temp   Humid  Det./TV  Comments

DARK HOURS:            08:35
DOME OPEN (UTC):       18:20
MOON PHASE (D/G/B):        B
DK HRS LOST (WEATHER):00:00
DK HRS LOST (TELESC): 00:15
DK HRS LOST (DOME):    00:00
DK HRS LOST (INSTR.): 00:00
DK HRS LOST (DET.):    00:00
DK HRS LOST (COMPS.): 00:10
DK HRS LOST (A&G):     00:00
DK HRS LOST (OTHER):  00:00

COMMENTS:

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Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys	Channel	Binning	Comments
119971	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.8	13:18:35.3	0.0	B	Kitt Peak	1	1 x 1	
119975	Bias frame	0:00:00.00	+00:00:00.0	A	1.138	179.8	16:04:24.8	0.0	z	Gunn	1	1 x 1	

119979	Bias frame	0:00:00.00	+00:00:00.0	A	1.138	179.8	16:07:35.9	0.0	z	Gunn	1	1 x 1
119983	Bias frame	0:00:00.00	+00:00:00.0	A	1.138	179.8	16:19:42.3	0.0	z	Gunn	1	1 x 1
119987	Bias frame	0:00:00.00	+00:00:00.0	A	1.138	179.8	16:22:53.9	0.0	z	Gunn	1	1 x 1
119991	Bias frame	0:00:00.00	+00:00:00.0	A	1.138	179.8	16:27:07.6	0.0	z	Gunn	1	1 x 1
119995	Bias frame	0:00:00.00	+00:00:00.0	A	1.138	179.8	16:30:25.8	0.0	z	Gunn	1	1 x 1
119999	Flat field	18:00:00.00	+28:00:00.0	J2000.00	1.025	179.8	19:30:52.5	0.5	U	RGO	1	1 x 1
120003	Flat field	17:59:59.99	+27:59:59.9	J2000.00	1.021	179.8	19:35:06.0	0.5	U	RGO	1	1 x 1
120007	Flat field	17:59:59.99	+28:00:00.0	J2000.00	1.018	179.8	19:38:57.0	0.5	U	RGO	1	1 x 1
120011	Flat field	18:00:00.00	+27:59:59.9	J2000.00	1.015	179.8	19:43:42.8	1.1	U	RGO	1	1 x 1
120019	Flat field	18:00:00.00	+27:59:59.9	J2000.00	1.010	179.8	19:52:20.2	0.5	z	Gunn	1	1 x 1
120023	Flat field	18:00:00.00	+27:59:59.9	J2000.00	1.008	179.8	19:56:20.7	8.1	z	Gunn	1	1 x 1
120035	Flat field	18:00:00.00	+28:00:00.0	J2000.00	1.004	179.8	20:05:36.7	29.6	R	Harris	1	1 x 1
120039	Flat field	18:00:00.00	+28:00:00.0	J2000.00	1.002	179.8	20:10:20.9	40.1	R	Harris	1	1 x 1
120043	Flat field	13:00:00.00	+20:00:00.0	A	2.367	179.8	20:15:26.5	60.1	R	Harris	1	1 x 1
120047	Flat field	13:00:00.00	+19:59:59.9	A	2.461	179.8	20:20:10.6	60.0	I	INT-WFC	1	1 x 1
120051	snafu	18:00:38.71	+02:55:53.6	J2000.00	1.114	179.8	20:46:15.6	5.1	z	Gunn	1	1 x 1
120055	wfsj1610+5430_013						21:14:43.6	599.0	z	Gunn	1	1 x 1
120059	wfsj1610+5430_013	16:04:32.00	+54:10:00.0	J2000.00	1.362	179.8	21:39:35.8	599.3	z	Gunn	1	1 x 1
120067	wfsj1610+5430_015	16:04:26.60	+54:50:00.0	J2000.00	1.420	179.8	21:55:49.2	599.5	z	Gunn	1	1 x 1
120071	sa113-163	21:42:35.50	+00:16:45.9	J2000.00	1.305	179.8	22:12:47.9	20.1	U	RGO	1	1 x 1
120075	sa113-163	21:42:35.50	+00:16:46.0	J2000.00	1.293	179.8	22:16:34.4	10.1	B	Kitt Peak	1	1 x 1
120079	sa113-163	21:42:35.49	+00:16:46.0	J2000.00	1.282	179.8	22:20:05.1	9.6	V	Harris	1	1 x 1
120083	sa113-163	21:42:35.50	+00:16:46.0	J2000.00	1.272	179.8	22:23:38.6	9.6	R	Harris	1	1 x 1
120087	sa113-163	21:42:35.49	+00:16:45.9	J2000.00	1.263	179.8	22:27:09.7	9.6	I	INT-WFC	1	1 x 1
120095	sa113-163	21:42:35.50	+00:16:46.0	J2000.00	1.250	179.8	22:32:15.2	20.1	z	Gunn	1	1 x 1
120099	wfsj2240+0000_013	22:36:48.00	-00:19:59.9	J2000.00	1.383	179.8	22:42:58.5	599.4	z	Gunn	1	1 x 1
120103	wfsj2240+0000_014	22:36:48.00	-00:00:00.0	J2000.00	1.324	179.8	22:57:26.1	598.8	z	Gunn	1	1 x 1
120107	wfsj2240+0000_015	22:36:48.00	+00:19:59.9	J2000.00	1.275	179.8	23:11:48.8	599.6	z	Gunn	1	1 x 1
120111	wfsj2240+0000_022	22:38:56.00	-00:20:00.0	J2000.00	1.251	179.8	23:26:22.3	599.0	z	Gunn	1	1 x 1
120115	wfsj2240+0000_023	22:38:55.99	-00:00:00.0	J2000.00	1.215	179.8	23:40:51.7	599.4	z	Gunn	1	1 x 1
120119	wfsj2240+0000_024	22:38:56.00	+00:20:00.0	J2000.00	1.186	179.8	23:55:18.9	599.1	z	Gunn	1	1 x 1
120123	wfsj2240+0000_031	22:41:04.00	-00:19:59.9	J2000.00	1.176	179.8	00:10:10.9	599.5	z	Gunn	1	1 x 1
120127	wfsj2240+0000_032	22:41:04.00	-00:00:00.1	J2000.00	1.157	179.8	00:24:35.3	599.4	z	Gunn	1	1 x 1
120131	wfsj2240+0000_033	22:41:04.00	+00:19:59.9	J2000.00	1.144	179.8	00:38:56.6	599.5	z	Gunn	1	1 x 1
120135	sa113-163	21:42:35.50	+00:16:45.9	J2000.00	1.168	179.8	01:02:32.7	20.1	U	RGO	1	1 x 1
120139	sa113-163	21:42:35.50	+00:16:45.9	J2000.00	1.172	179.8	01:06:19.0	10.1	B	Kitt Peak	1	1 x 1
120143	sa113-163	21:42:35.50	+00:16:46.0	J2000.00	1.177	179.8	01:09:50.1	10.1	V	Harris	1	1 x 1
120147	sa113-163	21:42:35.50	+00:16:46.0	J2000.00	1.182	179.8	01:13:23.7	9.6	R	Harris	1	1 x 1
120151	sa113-163	21:42:35.49	+00:16:46.0	J2000.00	1.187	179.8	01:16:54.9	10.1	I	INT-WFC	1	1 x 1
120155	sa113-163	21:42:35.50	+00:16:46.0	J2000.00	1.193	179.8	01:20:28.5	19.6	z	Gunn	1	1 x 1
120159	pg2336+004	23:38:43.50	+00:42:58.9	J2000.00	1.145	179.8	01:32:37.9	40.1	U	RGO	1	1 x 1
120163	pg2336+004	23:38:43.50	+00:42:59.0	J2000.00	1.142	179.8	01:36:40.7	19.6	B	Kitt Peak	1	1 x 1
120167	pg2336+004	23:38:43.49	+00:42:58.9	J2000.00	1.140	179.8	01:40:18.1	20.1	V	Harris	1	1 x 1
120171	pg2336+004	23:38:43.49	+00:42:59.0	J2000.00	1.138	179.8	01:44:02.0	20.1	R	Harris	1	1 x 1
120175	pg2336+004	23:38:43.50	+00:42:58.9	J2000.00	1.136	179.8	01:47:43.8	40.1	I	INT-WFC	1	1 x 1
120179	pg2336+004	23:38:43.50	+00:42:58.9	J2000.00	1.135	179.8	01:51:48.4	60.0	z	Gunn	1	1 x 1
120183	M31 Hewett 1	0:41:30.00	+40:49:00.0	B1950.00	1.055	179.8	01:58:44.3	599.5	V	Harris	1	1 x 1
120187	M31 Hewett 1	0:41:30.00	+40:49:00.0	B1950.00	1.043	179.8	02:12:09.7	599.4	V	Harris	1	1 x 1
120191	M31 Hewett 2	0:39:00.00	+41:10:00.0	B1950.00	1.034	179.8	02:26:56.1	599.5	V	Harris	1	1 x 1
120195	M31 Hewett 2	0:39:00.00	+41:09:59.9	B1950.00	1.029	179.8	02:40:22.4	599.5	V	Harris	1	1 x 1
120199		0:39:00.00	+41:11:44.9	B1950.00	1.026	179.8	03:01:21.0	10.1	V	Harris	1	1 x 1
120203	M31_test	0:39:00.00	+41:13:29.9	B1950.00	1.027	179.8	03:26:35.3	60.0	V	Harris	1	1 x 1
120207	Focus run	0:39:00.00	+41:13:30.0	B1950.00	1.030	179.8	03:39:56.1	20.1	z	Gunn	1	1 x 1
120211	M31 Hewett 1	0:41:30.00	+40:48:59.9	B1950.00	1.036	179.8	03:50:07.6	599.5	V	Harris	1	1 x 1
120215	M31 Hewett 1	0:41:30.00	+40:49:00.0	B1950.00	1.045	179.8	04:03:30.3	599.5	V	Harris	1	1 x 1
120219	M31 Hewett 2	0:39:00.00	+41:10:00.0	B1950.00	1.062	179.8	04:18:19.8	599.3	V	Harris	1	1 x 1
120223	M31 Hewett 2	0:39:00.00	+41:09:59.9	B1950.00	1.078	179.8	04:31:44.9	598.8	V	Harris	1	1 x 1
120227	And VI	23:49:12.00	+24:19:00.0	B1950.00	1.221	179.8	04:50:04.7	599.3	I	INT-WFC	1	1 x 1
120231	And VI	23:49:12.00	+24:18:59.9	B1950.00	1.278	179.8	05:03:23.4	898.6	R	Harris	1	1 x 1
120235	And VII	23:24:06.00	+50:25:00.0	B1950.00	1.430	179.8	05:24:24.0	599.3	I	INT-WFC	1	1 x 1
120239	And VII	23:24:06.00	+50:24:59.9	B1950.00	1.494	179.8	05:39:18.4	598.9	R	Harris	1	1 x 1
120243	sa95-330	3:54:30.69	+00:29:05.0	J2000.00	1.143	179.8	05:55:01.7	20.1	U	RGO	1	1 x 1

120247	sa95-330	3:54:30.70	+00:29:04.9	J2000.00	1.141	179.8	05:58:50.3	10.0	B	Kitt Peak	1	1 x 1
120251	sa95-330	3:54:30.70	+00:29:04.9	J2000.00	1.139	179.8	06:02:20.2	10.1	V	Harris	1	1 x 1
120255	sa95-330	3:54:30.70	+00:29:04.9	J2000.00	1.138	179.8	06:05:53.3	10.1	R	Harris	1	1 x 1
120259	sa95-330	3:54:30.70	+00:29:04.9	J2000.00	1.137	179.8	06:09:27.3	10.1	I	INT-WFC	1	1 x 1
120263	sa95-330	3:54:30.69	+00:29:04.9	J2000.00	1.136	179.8	06:13:02.2	20.1	z	Gunn	1	1 x 1
120267	sa920335	0:54:58.29	+00:44:01.0	J2000.00	1.588	179.8	06:20:25.4	20.1	U	RGO	1	1 x 1
120271	sa920335	0:54:58.30	+00:44:01.0	J2000.00	1.614	179.8	06:24:15.5	9.7	B	Kitt Peak	1	1 x 1
120283	Flat field	0:54:58.30	+00:44:01.0	J2000.00	1.673	179.8	06:32:08.9	1.5	V	Harris	1	1 x 1
120287	Flat field	0:54:58.30	+00:44:01.0	J2000.00	1.704	179.8	06:36:03.0	0.5	V	Harris	1	1 x 1
120291	Flat field	0:54:58.30	+00:44:00.9	J2000.00	1.733	179.8	06:39:22.9	0.5	z	Gunn	1	1 x 1