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INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE:             INT
DATE:                  1998 OCT 12/13
INT TAPE NR:           INTD3815,16
OBSERVER:              R.McMahon, J.C.Hamilton, J.Mendez
PROGRAMME:             Wide Angle Survey 09
PATT/CAT:              WFS9
TELESCOPE OPERATOR:    N. O Mahony
SUPPORT ASTRONOMER:    N.Walton

FOCUS:                 Prime
INSTRUMENT:            WFC
FILTER WHEEL (PF):     Z,U,I,R,KpB,V
CAMERA (IDS):
COLLIMATOR (IDS):
COLL. FOCUS (IDS):
GRATING (IDS):
DETECTOR:              4 EEV 2kx4k
PIXELS:                2148x4200
PIXEL SIZE (microns): 13.5
WINDOW:                Xstart=0, Xsize=2148, Ystart=0, Ysize=4200
BINNING:               in X=1, in Y=1

WEATHER:               FAIR: high humidity
OUTSIDE TEMP (deg C): 10.0              (FIRST HALF)
OUTSIDE TEMP (deg C):  9.5              (SECOND HALF)
HUMIDITY (%):           85              (FIRST HALF)
HUMIDITY (%):           80              (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):       1.8              (FIRST HALF)
SEEING (arcsec):       1.8              (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:            09:47
DOME OPEN (UTC):       23:25
MOON PHASE (D/G/B):        B
DK HRS LOST (WEATHER):02:51
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:
Late opening due to wet conditions
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Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys	Channel	Binning	Comments
127112	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.8	17:06:35.6	0.0	U	RGO	1	1 x 1	
127116	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.8	17:11:39.7	0.0	U	RGO	1	1 x 1	
127120	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.8	17:14:47.0	0.0	U	RGO	1	1 x 1	
127124	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.8	17:17:38.2	0.0	U	RGO	1	1 x 1	

127128	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.8	17:20:28.5	0.0	U	RGO	1	1 x 1
127132	Bias frame						21:35:47.9	0.0	R	Harris	1	1 x 1
127136	Bias frame						21:49:30.5	0.0	R	Harris	1	1 x 1
127140	Bias frame						22:09:39.0	0.0	R	Harris	1	1 x 1
127144	Bias frame	0:00:00.00	+00:00:00.0	A	-1004	314.0	22:15:47.9	0.0	R	Harris	1	1 x 1
127148	Bias frame	22:03:20.28	+29:44:57.5	J2000.00	1.009	314.0	22:23:55.7	0.0	R	Harris	1	1 x 1
127152	Focus run	0:55:00.00	+00:45:57.7	J2000.00	1.226	179.8	23:12:00.9	5.1	V	Harris	1	1 x 1
127160	Bias frame	0:44:00.00	+41:33:59.9	J2000.00	1.049	179.8	23:30:49.3	0.0	V	Harris	1	1 x 1
127168	M31 Hewett 1	0:44:00.00	+41:33:59.9	J2000.00	1.036	179.8	23:44:19.0	599.6	V	Harris	1	1 x 1
127172	M31 Hewett 1	0:44:00.00	+41:34:00.0	J2000.00	1.031	179.8	23:57:24.7	598.9	V	Harris	1	1 x 1
127176	M31 Hewett 2	0:42:30.00	+41:00:00.0	J2000.00	1.024	179.8	00:12:12.9	599.5	V	Harris	1	1 x 1
127180	M31 Hewett 2	0:42:30.00	+40:59:59.9	J2000.00	1.023	179.8	00:25:17.9	599.0	V	Harris	1	1 x 1
127184	wfsj0219-0500_012	2:15:47.10	-05:39:59.9	J2000.00	1.284	179.8	00:41:51.9	599.6	z	Gunn	1	1 x 1
127188	wfsj0219-0500_021	2:17:55.69	-05:39:59.9	J2000.00	1.261	179.8	00:56:27.9	599.4	z	Gunn	1	1 x 1
127192	wfsj0219-0500_030	2:20:04.29	-05:39:59.9	J2000.00	1.243	179.8	01:11:02.3	599.5	z	Gunn	1	1 x 1
127196	wfsj0219-0500_039	2:22:12.90	-05:40:00.1	J2000.00	1.229	179.8	01:25:43.6	598.9	z	Gunn	1	1 x 1
127200	wfsj0219-0500_013	2:15:47.19	-05:20:00.2	J2000.00	1.210	179.8	01:40:32.3	599.4	z	Gunn	1	1 x 1
127204	wfsj0219-0500_022	2:17:55.70	-05:20:00.1	J2000.00	1.207	179.8	01:54:57.5	599.5	z	Gunn	1	1 x 1
127212	wfsj0219-0500_040	2:22:12.80	-05:19:59.9	J2000.00	1.208	179.8	02:11:26.3	599.5	z	Gunn	1	1 x 1
127216	wfsj0219-0500_031	2:20:04.29	-05:20:00.4	J2000.00	1.218	179.8	02:30:49.6	599.5	z	Gunn	1	1 x 1
127220	wfsj0219-0500_014	2:15:47.29	-04:59:59.8	J2000.00	1.265	179.8	03:06:49.6	599.4	z	Gunn	1	1 x 1
127224	wfsj0219-0500_023	2:17:55.80	-05:00:00.0	J2000.00	1.290	179.8	03:21:11.2	599.5	z	Gunn	1	1 x 1
127228	wfsj0219-0500_032	2:20:04.20	-05:00:00.0	J2000.00	1.321	179.8	03:35:55.0	599.4	z	Gunn	1	1 x 1
127232	wfsj0219-0500_041	2:22:12.70	-04:59:59.9	J2000.00	1.357	179.8	03:50:33.2	599.5	z	Gunn	1	1 x 1
127236	wfsj0219-0500_015	2:15:47.40	-04:40:00.1	J2000.00	1.428	179.8	04:05:17.8	599.4	z	Gunn	1	1 x 1
127240	wfsj0219-0500_024	2:17:55.80	-04:40:00.1	J2000.00	1.484	179.8	04:19:49.6	599.0	z	Gunn	1	1 x 1
127244	wfsj0219-0500_033	2:20:04.19	-04:40:00.0	J2000.00	1.550	179.8	04:34:26.8	599.4	z	Gunn	1	1 x 1
127248	wfsj0219-0500_042	2:22:12.60	-04:40:00.0	J2000.00	1.627	179.8	04:48:58.7	599.4	z	Gunn	1	1 x 1
127252	wfsj0347+2400_221	3:45:32.60	+23:45:00.0	J2000.00	1.088	179.8	05:07:10.4	599.5	z	Gunn	1	1 x 1
127256	wfsj0347+2400_222	3:45:32.29	+24:14:59.9	J2000.00	1.115	179.8	05:21:52.6	598.8	z	Gunn	1	1 x 1
127260	wfsj0347+2400_227	3:46:59.99	+23:45:00.0	J2000.00	1.147	179.8	05:36:36.8	599.5	z	Gunn	1	1 x 1
127264	wfsj0347+2400_228	3:47:00.00	+24:15:00.0	J2000.00	1.185	179.8	05:51:13.5	599.3	z	Gunn	1	1 x 1
127268	5	3:47:00.00	+24:14:59.9	J2000.00	1.209	179.8	06:04:28.8	0.0	z	Gunn	1	1 x 1
127272	Bias frame	3:47:00.00	+24:15:00.0	J2000.00	1.221	179.8	06:08:08.6	0.0	z	Gunn	1	1 x 1
127276	Bias frame	3:47:00.00	+24:15:00.0	J2000.00	1.231	179.8	06:10:59.3	0.0	z	Gunn	1	1 x 1
127280	Bias frame	3:47:00.00	+24:14:59.9	J2000.00	1.240	179.8	06:13:50.4	0.0	z	Gunn	1	1 x 1
127284	Bias frame	3:47:00.00	+24:14:59.9	J2000.00	1.250	179.8	06:16:42.0	0.0	z	Gunn	1	1 x 1
127288	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.269	179.8	06:22:17.0	0.0	z	Gunn	1	1 x 1
127292	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.269	179.8	06:25:07.7	0.0	z	Gunn	1	1 x 1