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INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE:             INT
DATE:                  1998 OCT 15/16
INT TAPE NR:           INTD3823,3824,3825
OBSERVER:              Nic Walton, R.McMahon, J.C.Hamilton, J.Mendez
PROGRAMME:             Wide Angle Survey
PATT/CAT:              WFS9
TELESCOPE OPERATOR:    -
SUPPORT ASTRONOMER:    -

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:               good
OUTSIDE TEMP (deg C): -              (FIRST HALF)
OUTSIDE TEMP (deg C): 7.5              (SECOND HALF)
HUMIDITY (%):          -                (FIRST HALF)
HUMIDITY (%):          60               (SECOND HALF)
CLOUD COVER (%):          -             (FIRST HALF)
CLOUD COVER (%):          10            (SECOND HALF)
DUST (0 - 2):             -             (FIRST HALF)
DUST (0 - 2):             1             (SECOND HALF)
SEEING (arcsec):          -             (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:            09:53
DOME OPEN (UTC):       00:26
MOON PHASE (D/G/B):      D
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.):    04:25
DK HRS LOST (COMPS.): 00:00
DK HRS LOST (A&G):     00:00
DK HRS LOST (OTHER):   00:00

COMMENTS:
CCD1 and CCD4 working
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Run no. Object name     RA      Dec     Equinox         AM      PA      UT      Exp. Time
Filter  Psys    Channel         Binning comments

 128002 Flat field                                                 11:22:03.9     10.1        V     Harris    1      1 x 1
 128006 Flat field           0:00:00.00 +00:00:00.0 A        1.494 179.8 11:43:48.1     10.1        R     Harris    1      1 x 1
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128014	Flat field	0:00:00.00	+00:00:00.0	A	1.494	179.8	12:27:10.5	10.1	V	Harris	1	1 x 1
128018	Flat field	0:00:00.00	+00:00:00.0	A	1.494	179.8	12:47:37.3	10.1	V	Harris	1	1 x 1
128022	Flat field	0:00:00.00	+00:00:00.0	A	1.494	179.8	13:06:44.5	10.1	V	Harris	1	1 x 1
128026	Flat field	0:00:00.00	+00:00:00.0	A	1.494	179.8	14:33:05.7	10.1	V	Harris	1	1 x 1
128030	Flat field	0:00:00.00	+00:00:00.0	A	1.494	179.8	16:27:00.5	9.7	V	Harris	1	1 x 1
128034	Flat field	0:00:00.00	+00:00:00.0	A	1.494	179.8	16:48:49.3	10.1	V	Harris	1	1 x 1
128044	Flat field	0:00:00.00	+00:00:00.0	A	1.494	179.8	18:27:34.6	10.1	V	Harris	1	1 x 1
128048	Flat field	0:00:00.00	+00:00:00.0	A	1.494	179.8	18:45:02.8	10.1	V	Harris	1	1 x 1
128052	Flat field	0:00:00.00	+00:00:00.0	A	1.494	179.8	20:03:26.4	10.1	V	Harris	1	1 x 1
128056	Flat field						20:19:19.8	10.1	V	Harris	1	1 x 1
128060	Flat field						20:24:09.0	30.1	V	Harris	1	1 x 1
128064	Flat field						22:17:00.5	10.1	V	Harris	1	1 x 1
128068	Flat field						22:36:48.9	10.1	V	Harris	1	1 x 1
128072	Flat field						22:52:25.4	9.7	V	Harris	1	1 x 1
128076	Flat field						23:11:28.1	10.1	V	Harris	1	1 x 1
128080	Bias frame						23:58:58.6	0.0	R	Harris	1	1 x 1
128084	Bias frame	0:54:59.99	+00:44:13.0	A	1.139	179.8	00:04:49.1	0.0	R	Harris	1	1 x 1
128088	Focus run	0:55:00.00	+00:45:58.0	A	1.136	179.8	00:10:55.6	4.6	R	Harris	1	1 x 1
128092	wfsj0219-0500_005	2:13:38.80	-04:59:59.8	J2000.00	1.267	179.8	00:26:06.9	1198.7	R	Harris	1	1 x 1
128096	wfsj0219-0500_991	2:14:43.30	-04:40:48.0	J2000.00	1.218	179.8	00:58:39.2	1198.8	R	Harris	1	1 x 1
128100	wfsj0219-0500_992	2:12:38.00	-05:18:16.0	J2000.00	1.208	179.8	01:33:02.2	599.6	R	Harris	1	1 x 1
128104	wfsj0219-0500_992	2:12:37.99	-05:18:16.0	J2000.00	1.207	179.8	01:45:55.2	599.5	R	Harris	1	1 x 1
128108	wfsj0219-0500_993	2:20:51.30	-05:35:28.9	J2000.00	1.215	179.8	02:02:51.5	1198.9	R	Harris	1	1 x 1
128112	wfsj0219-0500_994	2:20:42.50	-04:36:26.9	J2000.00	1.220	179.8	02:27:56.5	1198.6	R	Harris	1	1 x 1
128116	Bias frame	2:20:42.50	-04:36:27.0	J2000.00	1.251	179.8	03:00:32.4	0.0	R	Harris	1	1 x 1
128120	Bias frame	2:20:42.50	-04:36:27.0	J2000.00	1.256	179.8	03:03:24.8	0.0	R	Harris	1	1 x 1
128124	wfsj0354+0010_023	3:53:00.00	+00:10:00.0	J2000.00	1.142	179.8	03:07:25.8	199.9	U	RGO	1	1 x 1
128128	wfsj0354+0010_023	3:53:00.00	+00:09:59.9	J2000.00	1.140	179.8	03:13:52.4	40.1	B	KpnoB	1	1 x 1
128132	wfsj0354+0010_023	3:52:59.99	+00:10:00.0	J2000.00	1.139	179.8	03:17:33.3	40.1	V	Harris	1	1 x 1
128136	wfsj0354+0010_023	3:53:00.00	+00:09:59.9	J2000.00	1.139	179.8	03:21:18.5	40.1	R	Harris	1	1 x 1
128140	wfsj0354+0010_023	3:53:00.00	+00:09:59.9	J2000.00	1.139	179.8	03:24:59.7	40.1	I	INT-WFC	1	1 x 1
128144	wfsj0354+0010_023	3:53:00.00	+00:10:00.0	J2000.00	1.139	179.8	03:28:42.8	39.6	z	Gunn	1	1 x 1
128148	wfsj0354+0010_024	3:53:00.00	+00:30:00.0	J2000.00	1.136	179.8	03:32:36.4	199.9	U	RGO	1	1 x 1
128152	wfsj0354+0010_024	3:52:59.99	+00:30:00.0	J2000.00	1.137	179.8	03:39:07.9	40.1	B	KpnoB	1	1 x 1
128156	wfsj0354+0010_024	3:53:00.00	+00:29:59.9	J2000.00	1.138	179.8	03:42:50.7	40.1	V	Harris	1	1 x 1
128160	wfsj0354+0010_024	3:53:00.00	+00:30:00.0	J2000.00	1.139	179.8	03:46:34.0	40.1	R	Harris	1	1 x 1
128164	wfsj0354+0010_024	3:52:59.99	+00:30:00.0	J2000.00	1.141	179.8	03:50:14.8	40.1	I	INT-WFC	1	1 x 1
128168	wfsj0354+0010_024	3:53:00.00	+00:29:59.9	J2000.00	1.143	179.8	03:53:58.5	39.6	z	Gunn	1	1 x 1
128172	wfsj0354+0010_032	3:55:00.00	+00:10:00.0	J2000.00	1.149	179.8	03:57:55.7	199.9	U	RGO	1	1 x 1
128176	wfsj0354+0010_032	3:55:00.00	+00:09:59.9	J2000.00	1.153	179.8	04:04:22.9	39.6	B	KpnoB	1	1 x 1
128180	wfsj0354+0010_032	3:55:00.00	+00:10:00.0	J2000.00	1.156	179.8	04:08:03.3	40.1	V	Harris	1	1 x 1
128184	wfsj0354+0010_032	3:55:00.00	+00:09:59.9	J2000.00	1.159	179.8	04:11:46.6	40.1	R	Harris	1	1 x 1
128188	wfsj0354+0010_032	3:55:00.00	+00:10:00.0	J2000.00	1.163	179.8	04:15:27.5	40.1	I	INT-WFC	1	1 x 1
128192	wfsj0354+0010_032	3:55:00.00	+00:10:00.0	J2000.00	1.167	179.8	04:19:11.3	40.1	z	Gunn	1	1 x 1
128196	wfsj0354+0010_033	3:55:00.00	+00:29:59.9	J2000.00	1.170	179.8	04:23:03.6	199.8	U	RGO	1	1 x 1
128200	wfsj0354+0010_033	3:55:00.00	+00:29:59.9	J2000.00	1.177	179.8	04:29:29.7	40.1	B	KpnoB	1	1 x 1
128204	wfsj0354+0010_033	3:55:00.00	+00:29:59.9	J2000.00	1.182	179.8	04:33:12.0	40.1	V	Harris	1	1 x 1
128208	wfsj0354+0010_033	3:55:00.00	+00:30:00.0	J2000.00	1.188	179.8	04:36:55.0	40.1	R	Harris	1	1 x 1
128212	wfsj0354+0010_033	3:55:00.00	+00:30:00.0	J2000.00	1.194	179.8	04:40:35.7	39.1	I	INT-WFC	1	1 x 1
128216	wfsj0354+0010_033	3:55:00.00	+00:29:59.9	J2000.00	1.200	179.8	04:44:18.9	40.0	z	Gunn	1	1 x 1
128220	wfsj0354+0010_023	3:53:00.00	+00:09:59.9	J2000.00	1.239	179.8	04:54:18.9	599.4	U	RGO	1	1 x 1
128224	wfsj0354+0010_023	3:52:59.99	+00:10:00.0	J2000.00	1.272	179.8	05:07:24.8	599.0	B	KpnoB	1	1 x 1
128232	wfsj0354+0010_023	3:53:00.00	+00:10:00.0	J2000.00	1.357	179.8	05:33:27.9	599.1	R	Harris	1	1 x 1
128236	wfsj0354+0010_023	3:53:00.00	+00:09:59.9	J2000.00	1.412	179.8	05:46:28.0	599.5	I	INT-WFC	1	1 x 1
128240	wfsj0354+0010_023	3:52:59.99	+00:09:59.9	J2000.00	1.476	179.8	05:59:31.8	599.0	z	Gunn	1	1 x 1
128244	wfsj0354+0010_023	3:53:00.00	+00:09:59.9	J2000.00	1.552	179.8	06:12:50.1	599.5	V	Harris	1	1 x 1
128248	Flat field	4:25:46.00	+54:09:02.9	B1950.00	1.252	179.8	06:29:24.9	299.8	R	Harris	1	1 x 1
128252	Flat field	4:25:45.99	+54:09:03.0	B1950.00	1.269	179.8	06:38:56.0	91.5	R	Harris	1	1 x 1
128256	Flat field	4:25:47.13	+54:09:13.0	B1950.00	1.279	179.8	06:43:38.4	27.8	R	Harris	1	1 x 1
128260	Flat field	4:25:47.13	+54:08:52.9	B1950.00	1.287	179.8	06:47:17.4	10.4	R	Harris	1	1 x 1
128264	Flat field	4:25:44.86	+54:09:22.9	B1950.00	1.296	179.8	06:50:49.4	3.8	R	Harris	1	1 x 1
128285	Bias frame	4:25:43.72	+54:09:22.9	B1950.00	1.315	179.8	06:58:08.8	0.0	U	RGO	1	1 x 1

Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys	Channel	Binning	Comments
128289	Bias frame	0:00:00.00	+00:00:00.0	B1950.00	4.265	179.8	07:02:15.6	0.0	U	RGO	1	1 x 1	
128293	Bias frame	0:00:00.00	+00:00:00.0	B1950.00	4.265	179.8	07:05:06.3	0.0	U	RGO	1	1 x 1	
128297	Bias frame	0:00:00.00	+00:00:00.0	B1950.00	4.265	179.8	07:07:57.2	0.0	U	RGO	1	1 x 1	