INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:            INT
DATE:                 20001222
TAPE NR:
OBSERVER:             Javier Mendez, Samantha Rix
PROGRAMME:            WFS
PATT/CAT REF.:
TELESCOPE OPERATOR:   none
SUPPORT ASTRONOMER:   none

TELESCOPE FOCUS:      46.30 mm
CALIBRATE RESULTS:    HI  +/- , DI  +/- , HC  +/- , Sky sigma 0.01

INSTRUMENT:           WFC

WFC FILTER WHEEL:     Z, U, V, g, r, i

WEATHER:              (1st half) poor
                      (2nd half) bad
CLOUD COVER (%):      (1st half) 0
                      (2nd half) 100
DUST (0-2):           (1st half) 0
                      (2nd half) 0
SEEING (arcsec):      (1st half) 2.0
                      (2nd half) --

DOME OPENED (UT):     18:30
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METEOROLOGICAL PARAMETERS

LT	AirT	Hum%	Wspd	Gust	Wdir	Press	LocT	IntT	Mirr	LocRH	IntRH
19:00	3.6	56	27.3	30.0	257	764.0	3.8	6.4	8.2	55	48
20:00	1.0	96	26.0	28.5	251	764.0	2.0	6.6	7.7	84	63
21:00	3.0	100	36.7	41.0	238	764.3	3.2	7.6	8.2	99	71
22:00	1.6	98	34.6	37.8	264	764.4	1.9	7.9	8.2	96	70
23:00	2.7	82	37.4	44.7	240	764.6	3.7	5.2	7.8	73	68
00:00	1.8	99	44.3	54.7	273	764.3	2.6	3.8	7.1	90	91
01:00	2.8	100	35.4	41.5	237	763.8	3.2	7.0	7.1	99	77
02:00	1.5	97	29.3	33.4	243	763.7	1.9	7.2	7.4	89	70
03:00	2.3	67	33.5	35.6	239	763.5	2.7	6.9	7.3	64	67
04:00	1.3	100	37.6	44.4	194	762.7	1.7	6.6	7.2	99	73
05:00	1.4	100	38.3	46.8	210	762.3	1.8	6.6	7.8	100	77

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SUNSET(UT)            18:27
EVENING TWILIGHT(UT)  19:44
MORNING TWILIGHT(UT)  06:37
SUNRISE(UT)           07:53
MOON'S QUARTER (1-4)  4
DISK % OF ILLUM.      9
DARK TIME             10:53
TWILIGHT TIME         02:33
MOONRISE(UT)          05:46
MOONSET(UT)           No moonset within sunset-sunrise

TIME LOST(WEATHER):   9:08
TIME LOST(TECHNICAL): 00:00
TIME LOST(OTHER):     00:00
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Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys Channel	Binning	Comments
241889	test r	19:48:33.00	+45:45:45.0	A	1.061	180.0	14:05:57.7	5.1	r	Sloan	1 x 1	
241890	Bias	19:48:33.00	+45:45:44.9	A	1.059	180.0	14:09:05.2	0.0	r	Sloan	1 x 1	
241891	Bias	0:00:00.00	+00:00:00.0	A	1.000	180.0	17:23:51.9	0.0	r	Sloan	1 x 1	

241892	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	180.0	17:38:02.6	0.0	r	Sloan	1 x 1
241893	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	180.0	17:38:44.0	0.0	r	Sloan	1 x 1
241894	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	180.0	17:39:25.7	0.0	r	Sloan	1 x 1
241895	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	180.0	17:40:04.9	0.0	r	Sloan	1 x 1
241896	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	180.0	17:40:44.0	0.0	r	Sloan	1 x 1
241897	Flat field	22:57:59.99	+00:05:00.0	J2000.00	1.157	180.0	18:42:42.9	2.9	z	Gunn	1 x 1
241898	Flat field	22:58:01.99	+00:05:29.9	J2000.00	1.158	180.0	18:43:54.0	4.1	z	Gunn	1 x 1
241899	Flat field	22:58:04.00	+00:06:00.0	J2000.00	1.159	180.0	18:45:06.7	6.0	z	Gunn	1 x 1
241900	Flat field	22:58:06.00	+00:06:29.9	J2000.00	1.160	180.0	18:46:33.8	9.5	z	Gunn	1 x 1
241901	Flat field	22:58:07.99	+00:06:59.9	J2000.00	1.161	180.0	18:47:52.5	14.6	z	Gunn	1 x 1
241902	Flat field	22:58:08.00	+00:06:59.9	J2000.00	1.163	180.0	18:49:18.9	34.8	U	RGO	1 x 1
241903	Flat field	22:58:02.00	+00:05:29.9	J2000.00	1.165	180.0	18:50:49.6	38.5	U	RGO	1 x 1
241904	Flat field	22:58:04.00	+00:05:59.9	J2000.00	1.167	180.0	18:52:24.5	56.2	U	RGO	1 x 1
241905	Flat field	22:58:06.00	+00:06:30.0	J2000.00	1.169	180.0	18:54:33.5	93.2	U	RGO	1 x 1
241906	Flat field	22:57:58.00	+00:04:29.9	J2000.00	1.174	180.0	18:57:16.0	177.9	U	RGO	1 x 1
241907	Flat field	22:57:58.00	+00:04:30.0	J2000.00	1.178	180.0	19:01:23.5	60.5	i	Sloan	1 x 1
241908	Flat field	22:58:02.00	+00:05:30.0	J2000.00	1.181	180.0	19:03:32.5	88.1	i	Sloan	1 x 1
241909	Flat field	22:58:04.00	+00:05:59.9	J2000.00	1.185	180.0	19:06:08.7	139.4	i	Sloan	1 x 1
241910	Flat field	22:58:06.00	+00:06:30.0	J2000.00	1.192	180.0	19:09:37.0	254.0	i	Sloan	1 x 1
241911	Focus run	0:55:00.00	+00:46:43.1	J2000.00	1.144	180.0	19:27:42.3	10.1	i	Sloan	1 x 1
241912	Focus run	0:55:00.00	+00:46:43.1	J2000.00	1.138	180.0	19:37:46.9	10.1	V	Harris	1 x 1
241913	Focus run	0:55:00.00	+00:46:43.1	J2000.00	1.135	180.0	19:45:41.1	10.1	V	Harris	1 x 1
241914	sa92-335 V 10s	0:55:00.00	+00:49:13.0	J2000.00	1.132	180.0	19:55:21.7	10.1	V	Harris	1 x 1
241915	Focus run	3:54:30.99	+00:31:35.0	J2000.00	1.141	180.0	22:36:13.2	10.1	V	Harris	1 x 1
241916	SA95-330 V 10s	3:54:31.00	+00:34:05.0	J2000.00	1.137	180.0	22:44:19.0	10.1	V	Harris	1 x 1
241917	Focus run	3:54:31.00	+00:31:35.1	J2000.00	1.135	180.0	22:55:55.2	10.1	V	Harris	1 x 1
241918	SA95-330 V 10s	3:54:31.00	+00:29:05.0	J2000.00	1.135	180.0	23:01:36.9	10.1	V	Harris	1 x 1
241919	SA95-330 V 10s	3:54:31.00	+00:29:05.0	J2000.00	1.136	180.0	23:05:20.7	10.1	V	Harris	1 x 1 light leak. bad
241920	SA95-330 g 10s	3:54:31.00	+00:29:05.0	J2000.00	1.136	180.0	23:08:27.2	10.1	g	Sloan	1 x 1
241921	SA95-330 r 10s	3:54:30.99	+00:29:05.0	J2000.00	1.136	180.0	23:09:40.5	10.1	r	Sloan	1 x 1
241922	SA95-330 i 10s	3:54:30.99	+00:29:05.0	J2000.00	1.137	180.0	23:11:54.0	10.1	i	Sloan	1 x 1
241923	SA95-330 Z 20s	3:54:30.99	+00:29:04.9	J2000.00	1.139	180.0	23:18:04.5	10.1	z	Gunn	1 x 1
241924	SA95-330 U 60s	3:54:31.00	+00:29:05.0	J2000.00	1.140	180.0	23:19:14.3	10.1	U	RGO	1 x 1
241926	wfsj0347+2400-iz23	3:47:25.39	+22:28:39.8	J2000.00	1.022	180.0	23:31:43.2	599.5	z	Gunn	1 x 1
241927	wfsj0347+2400-iz74	3:58:42.83	+22:41:30.6	J2000.00	1.023	180.0	23:44:24.0	599.5	z	Gunn	1 x 1 Bad seeing 2.3
241928	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.030	180.0	23:58:01.0	0.0	z	Gunn	1 x 1