INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:            INT
DATE:                 20010222
TAPE NR:
OBSERVER:             D Lennon
PROGRAMME:            Local Group Census
PATT/CAT REF.:        WFS4
TELESCOPE OPERATOR:   none
SUPPORT ASTRONOMER:   D. Lennon

TELESCOPE FOCUS:      not specified
CALIBRATE RESULTS:    not specified

INSTRUMENT:           WFC

WFC FILTER WHEEL:     g,r,i,Ha,O3,StrY

WEATHER:              (1st half) good
                      (2nd half) good
CLOUD COVER (%):      (1st half) 0
                      (2nd half) 0
DUST (0-2):           (1st half) 0
                      (2nd half) 0
SEEING (arcsec):      (1st half) 1.0
                      (2nd half) 1.0

DOME OPENED (UT):     --:--
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METEOROLOGICAL PARAMETERS

LT	AirT	Hum%	Wspd	Gust	Wdir	Press	LocT	IntT	Mirr	LocRH	IntRH
20:00	4.1	4	26.1	28.6	277	766.4	4.6	6.3	9.3	3	5
21:00	4.7	3	30.0	33.4	291	766.6	5.3	6.9	8.4	2	4
22:00	4.1	4	31.8	34.1	313	766.7	4.5	5.5	8.7	3	5
23:00	4.0	5	33.5	35.9	308	766.9	4.5	5.2	8.5	4	6
00:00	3.9	4	34.6	35.8	334	766.6	4.4	5.0	8.0	3	5
01:00	4.0	4	29.4	30.2	329	766.4	4.5	5.2	7.7	3	5
02:00	4.1	3	26.3	27.2	309	766.1	4.7	4.9	7.6	2	4
03:00	4.6	3	15.6	17.6	303	766.0	5.2	6.3	6.9	2	8
04:00	4.4	3	18.4	19.5	285	765.7	5.0	5.6	7.1	2	4
05:00	4.7	4	21.5	22.5	295	765.2	5.2	5.7	7.2	2	4
06:00	4.4	10	16.4	16.7	272	765.5	6.0	6.2	7.4	4	7
07:00	5.3	8	17.7	18.2	288	765.7	5.9	6.6	7.3	7	9

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SUNSET(UT)             19:13
EVENING TWILIGHT(UT)   20:25
MORNING TWILIGHT(UT)   06:24
SUNRISE(UT)            07:36
MOON'S QUARTER (1-4)   4
DISK % OF ILLUM.       0
DARK TIME              09:59
TWILIGHT TIME          02:24
MOONRISE(UT)           No Moon all night
MOONSET(UT)            No Moon all night

TIME LOST(WEATHER):    00:00
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

249930	Bias frame	20:59:59.99	+15:00:00.0	A	1.190	180.0	14:10:47.7	0.0	g	Sloan	1 x 1	
249931	test	0:00:00.00	+00:00:00.0	A	4.536	180.0	15:23:56.9	10.0	g	Sloan	1 x 1	
249932	test	0:00:00.00	+00:00:00.0	A	4.536	180.0	16:32:01.9	10.0	[OIII]50	Narrow-ban	1 x 1	
249933	Bias	0:00:00.00	+00:00:00.0	A	4.536	180.0	16:38:57.6	0.0	[OIII]50	Narrow-ban	1 x 1	
249934	test	0:00:00.00	+00:00:00.0	A	4.536	180.0	16:46:42.7	20.0	[OIII]50	Narrow-ban	1 x 1	
249935	test	0:00:00.00	+00:00:00.0	A	4.536	180.0	16:49:28.2	20.0	[OIII]50	Narrow-ban	1 x 1	
249936	Flat field	4:25:46.00	+54:09:03.0	B1950.00	1.108	180.0	19:21:45.5	2.9	[OIII]50	Narrow-ban	1 x 1	
249937	Flat field	4:25:46.57	+54:09:07.9	B1950.00	1.108	180.0	19:23:26.2	7.5	[OIII]50	Narrow-ban	1 x 1	
249938	Flat field	4:25:45.43	+54:09:08.0	B1950.00	1.108	180.0	19:25:24.2	8.7	[OIII]50	Narrow-ban	1 x 1	
249939	Flat field	4:25:45.43	+54:09:08.0	B1950.00	1.108	180.0	19:27:43.0	15.6	[OIII]50	Narrow-ban	1 x 1	
249940	Flat field	4:25:45.43	+54:09:08.0	B1950.00	1.108	180.0	19:32:04.7	3.8	g	Sloan	1 x 1	
249941	Flat field	4:25:46.56	+54:09:07.9	B1950.00	1.108	180.0	19:33:25.8	8.6	g	Sloan	1 x 1	
249942	Flat field	4:25:46.00	+54:09:03.0	B1950.00	1.108	180.0	19:35:23.5	9.4	g	Sloan	1 x 1	
249943	Flat field	4:25:46.57	+54:08:58.0	B1950.00	1.108	180.0	19:37:22.9	15.7	g	Sloan	1 x 1	
249944	Flat field	4:25:46.57	+54:08:58.0	B1950.00	1.108	180.0	19:39:36.8	46.7	i	Sloan	1 x 1	
249945	Flat field	4:25:46.00	+54:09:02.9	B1950.00	1.109	180.0	19:41:48.6	75.5	i	Sloan	1 x 1	
249946	Bias	3:54:31.00	+00:29:04.3	J2000.00	1.168	180.0	19:49:15.9	0.0	i	Sloan	1 x 1	
249947	Bias	3:54:31.00	+00:29:05.0	J2000.00	1.168	180.0	19:49:55.1	0.0	i	Sloan	1 x 1	
249948	Bias	3:54:31.00	+00:29:04.9	J2000.00	1.169	180.0	19:50:34.4	0.0	i	Sloan	1 x 1	
249949	Bias	3:54:31.00	+00:29:04.9	J2000.00	1.170	180.0	19:51:13.5	0.0	i	Sloan	1 x 1	
249950	Focus run	3:54:30.99	+00:29:54.9	J2000.00	1.175	180.0	19:56:23.7	10.1	i	Sloan	1 x 1	
249951	Focus run	3:54:31.00	+00:29:55.0	J2000.00	1.185	180.0	20:03:09.0	10.1	r	Sloan	1 x 1	
249952	sa95-330 g	3:54:31.00	+00:30:45.0	J2000.00	1.198	180.0	20:09:47.5	5.1	g	Sloan	1 x 1	
249953	sa95-330 r	3:54:31.00	+00:30:45.0	J2000.00	1.201	180.0	20:11:39.3	5.1	r	Sloan	1 x 1	
249954	sa95-330 i	3:54:31.00	+00:30:45.0	J2000.00	1.204	180.0	20:13:24.0	5.1	i	Sloan	1 x 1	
249955	egb0427+63 g	4:32:01.00	+63:36:24.0	J2000.00	1.235	180.0	20:23:02.4	599.5	g	Sloan	1 x 1	
249956	egb0427+63 g	4:32:00.99	+63:36:24.0	J2000.00	1.243	180.0	20:34:37.5	599.6	g	Sloan	1 x 1	
249957	egb0427+63 r	4:32:01.00	+63:36:24.0	J2000.00	1.253	180.0	20:46:06.3	599.4	r	Sloan	1 x 1	
249958	egb0427+63 r	4:32:01.00	+63:36:24.0	J2000.00	1.264	180.0	20:57:42.2	599.5	r	Sloan	1 x 1	
249959	egb0427+63 i	4:32:01.00	+63:36:24.0	J2000.00	1.277	180.0	21:09:05.5	599.6	i	Sloan	1 x 1	
249960	egb0427+63 i	4:32:00.99	+63:36:23.8	J2000.00	1.291	180.0	21:20:43.8	599.5	i	Sloan	1 x 1	
249961	k39232 r	8:00:35.40	+15:53:18.0	J2000.00	1.083	180.0	21:38:36.3	200.0	r	Sloan	1 x 1	traied
249962	k41459 r	8:57:37.79	+16:51:35.0	J2000.00	1.182	180.0	21:45:24.0	199.9	r	Sloan	1 x 1	
249963	k39232 r	8:00:35.40	+15:53:17.9	J2000.00	1.065	180.0	21:51:52.0	199.9	r	Sloan	1 x 1	
249964	k41459 r	8:57:37.80	+16:51:34.9	J2000.00	1.152	180.0	21:56:53.6	199.9	r	Sloan	1 x 1	
249966	k39232 r	8:00:35.40	+15:53:18.0	J2000.00	1.052	180.0	22:03:52.2	199.9	r	Sloan	1 x 1	
249967	k41459 r	8:57:37.79	+16:51:34.8	J2000.00	1.121	180.0	22:10:55.5	199.9	r	Sloan	1 x 1	
249968	k39232 r	8:00:35.39	+15:53:18.1	J2000.00	1.041	180.0	22:17:12.8	199.9	r	Sloan	1 x 1	
249969	k39232 r	8:00:35.39	+15:53:18.0	J2000.00	1.037	180.0	22:22:39.7	200.1	r	Sloan	1 x 1	
249970	SexB g	10:00:00.00	+05:19:42.0	J2000.00	1.320	180.0	22:33:54.7	598.9	g	Sloan	1 x 1	
249971	SexB g	9:59:59.99	+05:19:41.8	J2000.00	1.278	180.0	22:45:29.6	599.0	g	Sloan	1 x 1	
249972	SexB r	9:59:59.99	+05:19:42.0	J2000.00	1.243	180.0	22:56:53.3	599.4	r	Sloan	1 x 1	
249973	SexB r	10:00:00.00	+05:19:42.2	J2000.00	1.212	180.0	23:08:31.4	599.5	r	Sloan	1 x 1	
249974	SexB i	9:59:59.99	+05:19:42.0	J2000.00	1.185	180.0	23:19:58.2	599.3	i	Sloan	1 x 1	
249975	SexB i	9:59:59.99	+05:19:41.8	J2000.00	1.162	180.0	23:31:33.4	599.4	i	Sloan	1 x 1	
249976	SexA g	10:11:06.00	-04:42:30.0	J2000.00	1.280	180.0	23:45:32.6	599.4	g	Sloan	1 x 1	
249977	SexA g	10:11:06.00	-04:42:30.1	J2000.00	1.257	180.0	23:57:08.2	599.4	g	Sloan	1 x 1	
249978	SexA r	10:11:05.99	-04:42:30.0	J2000.00	1.239	180.0	00:08:31.5	599.5	r	Sloan	1 x 1	
249979	SexA r	10:11:06.00	-04:42:29.8	J2000.00	1.224	180.0	00:20:05.2	599.5	i	Sloan	1 x 1	
249980	SexA i	10:11:05.99	-04:42:29.9	J2000.00	1.213	180.0	00:31:28.0	599.6	i	Sloan	1 x 1	
249981	SexA i	10:11:06.00	-04:42:30.1	J2000.00	1.205	180.0	00:43:02.2	599.5	i	Sloan	1 x 1	
249982	SexA O3	10:11:06.00	-04:42:30.0	J2000.00	1.199	180.0	01:00:03.5	1198.8	[OIII]50	Narrow-ban	1 x 1	
249983	SexA O3	10:11:05.99	-04:42:30.1	J2000.00	1.204	180.0	01:21:36.8	1198.8	[OIII]50	Narrow-ban	1 x 1	
249984	SexA O3	10:11:06.00	-04:42:29.8	J2000.00	1.221	180.0	01:43:10.9	1198.9	[OIII]50	Narrow-ban	1 x 1	
249985	SexA Ha	10:11:06.00	-04:42:29.9	J2000.00	1.249	180.0	02:04:33.1	1198.6	Halpha	Narrow-ban	1 x 1	
249986	SexA Ha	10:11:06.00	-04:42:29.9	J2000.00	1.292	180.0	02:26:07.8	1198.7	Halpha	Narrow-ban	1 x 1	
249987	SexA Ha	10:11:06.00	-04:42:30.1	J2000.00	1.351	180.0	02:47:43.7	1198.3	Halpha	Narrow-ban	1 x 1	
249988	SexA stY	10:11:06.00	-04:42:30.0	J2000.00	1.408	180.0	03:09:05.4	599.3		ubvy	1 x 1	
249989	SexA stY	10:11:06.00	-04:42:30.1	J2000.00	1.456	180.0	03:20:38.7	598.8		ubvy	1 x 1	
249990	SexA stY	10:11:05.99	-04:42:29.8	J2000.00	1.512	180.0	03:32:12.4	599.3		ubvy	1 x 1	
249991	gr8 O3	12:58:40.00	+14:13:00.0	J2000.00	1.033	180.0	03:46:41.9	1198.9	[OIII]50	Narrow-ban	1 x 1	
249992	gr8 O3	12:58:40.00	+14:12:59.9	J2000.00	1.037	180.0	04:08:20.3	1198.7	[OIII]50	Narrow-ban	1 x 1	

249993	gr8 O3	12:58:40.00	+14:12:59.9	J2000.00	1.049	180.0	04:29:58.9	1198.8	[OIII]50	Narrow-ban	1 x 1
249994	gr8 stY	12:58:40.00	+14:13:00.0	J2000.00	1.064	180.0	04:51:24.9	599.6		ubvy	1 x 1
249995	gr8 stY	12:58:39.99	+14:12:59.9	J2000.00	1.077	180.0	05:03:04.7	598.9		ubvy	1 x 1
249996	gr8 stY	12:58:40.00	+14:13:00.0	J2000.00	1.094	180.0	05:14:44.1	599.5		ubvy	1 x 1
249997	gr8 Ha	12:58:40.00	+14:12:59.9	J2000.00	1.128	180.0	05:28:22.5	1199.0	Halpha	Narrow-ban	1 x 1
249998	sa107-602 g	15:39:19.00	-00:15:29.0	J2000.00	1.165	180.0	05:53:21.5	5.1	g	Sloan	1 x 1
249999	sa107-602 r	15:39:18.99	-00:15:29.0	J2000.00	1.164	180.0	05:54:49.4	5.1	r	Sloan	1 x 1
250000	sa107-602 i	15:39:19.00	-00:15:29.0	J2000.00	1.163	180.0	05:56:13.5	5.1	i	Sloan	1 x 1
250001	bd+332642 O3	15:51:59.85	+32:56:54.8	J2000.00	1.020	180.0	06:00:44.7	10.1	[OIII]50	Narrow-ban	1 x 1
250002	bd+332642 Ha	15:51:59.85	+32:56:54.7	J2000.00	1.019	180.0	06:03:09.9	10.1	Halpha	Narrow-ban	1 x 1
250003	bd+332642 stY	15:51:59.86	+32:56:54.8	J2000.00	1.017	180.0	06:05:51.0	5.1		ubvy	1 x 1
250004	grb010222 r	14:52:12.50	+43:01:06.2	J2000.00	1.039	180.0	06:20:41.6	449.1	r	Sloan	1 x 1
250005	grb010222 r	14:52:12.50	+43:01:06.3	J2000.00	1.046	180.0	06:34:34.6	449.6	r	Sloan	1 x 1
250006	grb010222 r	14:52:12.50	+43:01:06.4	J2000.00	1.054	180.0	06:45:29.0	449.7	r	Sloan	1 x 1
250007	Flat field	16:47:52.49	-15:17:44.0	B1950.00	1.418	180.0	07:08:16.0	58.8	r	Sloan	1 x 1
250008	Flat field	16:47:52.84	-15:17:39.0	B1950.00	1.416	180.0	07:10:31.6	32.8	r	Sloan	1 x 1
250009	Flat field	16:47:53.18	-15:17:34.0	B1950.00	1.413	180.0	07:12:30.2	18.5	r	Sloan	1 x 1
250010	Flat field	16:47:53.19	-15:17:34.0	B1950.00	1.411	180.0	07:14:01.8	28.8	i	Sloan	1 x 1
250011	Flat field	16:47:52.84	-15:17:39.0	B1950.00	1.410	180.0	07:15:42.8	7.7	i	Sloan	1 x 1
250012	Flat field	16:47:52.50	-15:17:43.8	B1950.00	1.408	180.0	07:17:27.7	4.9	i	Sloan	1 x 1
250013	Flat field	16:47:52.49	-15:17:44.0	B1950.00	1.407	180.0	07:18:48.7	23.1		ubvy	1 x 1
250014	Flat field	16:47:52.84	-15:17:38.9	B1950.00	1.405	180.0	07:20:50.7	12.6		ubvy	1 x 1
250015	Flat field	16:47:53.19	-15:17:34.0	B1950.00	1.403	180.0	07:22:33.5	8.2		ubvy	1 x 1
250016	Flat field	16:47:52.50	-15:17:43.9	B1950.00	1.402	180.0	07:24:06.6	5.5		ubvy	1 x 1
250017	Flat field	16:47:52.50	-15:17:44.0	B1950.00	1.401	180.0	07:25:27.7	7.5	Halpha	Narrow-ban	1 x 1
250018	Flat field	16:47:52.84	-15:17:38.9	B1950.00	1.400	180.0	07:27:00.6	5.2	Halpha	Narrow-ban	1 x 1
250019	Flat field	16:47:53.19	-15:17:34.0	B1950.00	1.399	180.0	07:28:31.0	4.0	Halpha	Narrow-ban	1 x 1