INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE: INT
DATE: 20010220
TAPE NR:
OBSERVER: D.J. Lennon
PROGRAMME: WFS: The Local Group Census
PATT/CAT REF.: WFS4
TELESCOPE OPERATOR: P. Sorensen
SUPPORT ASTRONOMER: D. Lennon

TELESCOPE FOCUS: 46.20 mm
CALIBRATE RESULTS: not specified

INSTRUMENT: WFC

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

WEATHER: (1st half) good
(2nd half) good
CLOUD COVER (%): (1st half) 0
(2nd half) 10
DUST (0-2): (1st half) 0
(2nd half) 0
SEEING (arcsec): (1st half) 1.0
(2nd half) 1.0

DOME OPENED (UT): --:--

METEOROLOGICAL PARAMETERS

LT	AirT	Hum%	Wspd	Gust	Wdir	Press	LocT	IntT	Mirr	LocRH	IntRH
20:00	4.8	9	30.9	31.8	276	766.6	5.2	6.7	9.8	7	8
21:00	4.2	10	27.0	28.7	281	766.9	4.8	6.6	8.7	10	9
22:00	3.4	20	22.0	23.0	292	767.3	3.9	5.8	8.6	20	18
23:00	3.7	17	23.4	24.4	276	767.3	4.0	5.8	8.4	16	16
00:00	4.4	10	19.9	21.3	261	767.4	5.4	5.8	8.5	5	10
01:00	4.9	7	22.4	24.9	272	767.2	5.5	6.3	8.5	6	7
02:00	5.0	7	18.5	19.8	255	767.1	5.6	6.7	8.1	6	7
03:00	5.2	8	16.0	18.8	247	766.9	5.5	6.9	7.9	6	6
04:00	5.1	7	12.9	14.7	251	766.8	5.3	7.1	7.8	7	8
05:00	5.0	11	14.4	17.7	260	766.7	5.5	6.9	7.9	11	10
06:00	5.0	11	17.6	20.6	246	766.6	5.8	6.6	7.8	14	10
07:00	4.8	16	17.0	18.3	250	766.9	5.1	6.9	7.7	14	13

SUNSET(UT) 19:12
EVENING TWILIGHT(UT) 20:24
MORNING TWILIGHT(UT) 06:26
SUNRISE(UT) 07:38
MOON'S QUARTER (1-4) 4
DISK % OF ILLUM. 5
DARK TIME 10:02
TWILIGHT TIME 02:24
MOONRISE(UT) 06:37
MOONSET(UT) No moonset within sunset-sunrise

TIME LOST(WEATHER): 00:00
TIME LOST(TECHNICAL): 00:00
TIME LOST(OTHER): 00:00

COMMENTS:
Some cloud around second half of night, probably not
photometric.

Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys Channel	Binning	Comments
249745	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.930	180.0	14:34:13.2	0.0	z	Gunn	1 x 1	
249746	Bias	0:00:00.00	+00:00:00.0	A	1.000	180.0	18:21:32.1	0.0		ubvy	1 x 1	
249747	Bias	0:00:00.00	+00:00:00.0	A	1.000	180.0	18:27:56.6	0.0		ubvy	1 x 1	
249748	Flat field	4:25:46.00	+54:09:02.9	B1950.00	1.110	180.0	19:20:22.3	3.4	[OIII]50	Narrow-ban	1 x 1	
249749	Flat field	4:25:47.13	+54:09:12.9	B1950.00	1.109	180.0	19:21:39.1	4.7	[OIII]50	Narrow-ban	1 x 1	
249750	Flat field	4:25:44.86	+54:08:52.9	B1950.00	1.109	180.0	19:22:56.2	7.5	[OIII]50	Narrow-ban	1 x 1	
249751	Flat field	4:25:44.86	+54:08:53.0	B1950.00	1.109	180.0	19:24:21.6	19.3	Halpha	Narrow-ban	1 x 1	
249752	Flat field	4:25:47.13	+54:09:12.9	B1950.00	1.109	180.0	19:25:56.1	38.7	Halpha	Narrow-ban	1 x 1	
249753	Flat field	4:25:46.00	+54:09:03.0	B1950.00	1.108	180.0	19:28:01.0	47.3	Halpha	Narrow-ban	1 x 1	
249754	Flat field	4:25:45.99	+54:09:02.9	B1950.00	1.108	180.0	19:30:33.3	12.3	g	Sloan	1 x 1	
249755	Flat field	4:25:46.00	+54:09:03.0	B1950.00	1.108	180.0	19:32:09.8	5.4	g	Sloan	1 x 1	
249756	Flat field	4:25:47.13	+54:09:13.0	B1950.00	1.108	180.0	19:33:36.2	8.2	g	Sloan	1 x 1	
249757	Flat field	4:25:44.86	+54:08:52.9	B1950.00	1.108	180.0	19:35:06.8	12.4	g	Sloan	1 x 1	
249758	Flat field	23:54:08.89	+59:28:17.9	B1950.00	1.729	180.0	19:38:59.6	23.8	r	Sloan	1 x 1	
249759	Flat field	23:54:10.21	+59:28:27.9	B1950.00	1.739	180.0	19:40:40.4	43.1	r	Sloan	1 x 1	
249760	Flat field	23:54:10.21	+59:28:08.0	B1950.00	1.752	180.0	19:42:45.0	70.2	r	Sloan	1 x 1	
249761	Focus run	3:54:31.00	+00:31:05.0	J2000.00	1.162	180.0	19:53:40.6	10.1	r	Sloan	1 x 1	
249762	sa95-330	3:54:31.00	+00:29:04.9	J2000.00	1.175	180.0	20:02:50.2	5.1	r	Sloan	1 x 1	
249763	sa95-330 i	3:54:31.00	+00:29:04.9	J2000.00	1.178	180.0	20:05:08.3	5.1	i	Sloan	1 x 1	
249764	sa95-330 g	3:54:31.00	+00:29:05.0	J2000.00	1.180	180.0	20:06:37.8	5.1	g	Sloan	1 x 1	
249765	sa95-330 strY	3:54:31.00	+00:29:05.0	J2000.00	1.184	180.0	20:08:40.1	30.1		ubvy	1 x 1	
249766	g191b2b strY	5:05:30.62	+52:49:54.0	J2000.00	1.095	180.0	20:14:20.6	30.1		ubvy	1 x 1	
249767	g191b2b strY	5:05:30.61	+52:49:54.0	J2000.00	1.095	180.0	20:21:28.0	30.1		ubvy	1 x 1	
249768	g191b2b strY	5:05:30.61	+52:49:54.0	J2000.00	1.096	180.0	20:25:44.6	30.1		ubvy	1 x 1	
249769	Focus run	5:05:30.62	+52:52:24.1	J2000.00	1.097	180.0	20:33:09.6	10.1		ubvy	1 x 1	
249770	Focus run	5:05:30.62	+52:52:24.0	J2000.00	1.101	180.0	20:44:02.6	10.1		ubvy	1 x 1	
249771	Focus run	5:05:30.62	+52:51:54.0	J2000.00	1.105	180.0	20:54:43.8	10.1	[OIII]50	Narrow-ban	1 x 1	
249772	Focus run	5:05:30.61	+52:52:24.1	J2000.00	1.109	180.0	21:01:33.5	10.1	[OIII]50	Narrow-ban	1 x 1	
249773	Focus run	5:05:30.62	+52:52:24.0	J2000.00	1.115	180.0	21:11:15.7	10.1	Halpha	Narrow-ban	1 x 1	
249774	Focus run	5:05:30.62	+52:52:08.9	J2000.00	1.121	180.0	21:19:57.5	10.1	r	Sloan	1 x 1	
249775	g191b26 strY	5:05:30.62	+52:49:53.9	J2000.00	1.132	180.0	21:30:12.0	30.1		ubvy	1 x 1	
249776	g191b26 Halpha	5:05:30.62	+52:49:53.9	J2000.00	1.134	180.0	21:32:22.7	30.1	Halpha	Narrow-ban	1 x 1	
249777	g191b26 [OIII]	5:05:30.62	+52:49:53.9	J2000.00	1.136	180.0	21:34:11.0	30.1	[OIII]50	Narrow-ban	1 x 1	
249778	g191b26 [OIII]	5:05:30.62	+52:49:53.9	J2000.00	1.138	180.0	21:36:21.0	30.1	[OIII]50	Narrow-ban	1 x 1	
249779	g191b26 Halpha	5:05:30.62	+52:49:54.0	J2000.00	1.142	180.0	21:39:50.9	30.1	Halpha	Narrow-ban	1 x 1	
249780	ngc2403 g	7:36:50.99	+65:36:10.1	J2000.00	1.258	180.0	21:59:01.5	599.5	g	Sloan	1 x 1	
249781	ngc2403 g	7:36:50.99	+65:36:10.1	J2000.00	1.253	180.0	22:10:33.7	599.5	g	Sloan	1 x 1	
249782	ngc2403 r	7:36:51.00	+65:36:10.0	J2000.00	1.251	180.0	22:21:53.1	599.4	r	Sloan	1 x 1	
249783	ngc2403 r	7:36:51.00	+65:36:10.1	J2000.00	1.249	180.0	22:33:23.8	599.5	r	Sloan	1 x 1	
249784	ngc2403 i	7:36:51.00	+65:36:10.0	J2000.00	1.249	180.0	22:44:44.3	599.3	i	Sloan	1 x 1	
249785	ngc2403 i	7:36:50.99	+65:36:10.1	J2000.00	1.250	180.0	22:56:16.9	599.4	i	Sloan	1 x 1	
249786	LeoA g	9:59:24.00	+30:44:42.2	J2000.00	1.088	180.0	23:15:25.5	599.6	g	Sloan	1 x 1	
249787	LeoA g	9:59:24.00	+30:44:41.7	J2000.00	1.069	180.0	23:26:56.3	599.5	g	Sloan	1 x 1	
249788	LeoA r	9:59:24.00	+30:44:42.0	J2000.00	1.053	180.0	23:38:16.2	599.5	r	Sloan	1 x 1	
249789	LeoA r	9:59:24.00	+30:44:42.2	J2000.00	1.039	180.0	23:49:50.0	599.4	r	Sloan	1 x 1	
249790	LeoA i	9:59:24.00	+30:44:42.0	J2000.00	1.028	180.0	00:01:10.6	598.9	i	Sloan	1 x 1	
249791	LeoA i	9:59:23.99	+30:44:41.8	J2000.00	1.018	180.0	00:12:43.0	599.4	i	Sloan	1 x 1	
249792	LeoA O3	9:59:24.00	+30:44:41.9	J2000.00	1.007	180.0	00:28:38.0	1198.7	[OIII]50	Narrow-ban	1 x 1	
249793	LeoA O3	9:59:24.00	+30:44:42.0	J2000.00	1.001	180.0	00:50:13.9	1199.0	[OIII]50	Narrow-ban	1 x 1	
249794	LeoA O3	9:59:24.00	+30:44:42.0	J2000.00	1.002	180.0	01:11:50.7	1198.8	[OIII]50	Narrow-ban	1 x 1	
249795	LeoA Ha	9:59:24.00	+30:44:42.0	J2000.00	1.010	180.0	01:33:13.9	1198.7	Halpha	Narrow-ban	1 x 1	
249796	LeoA Ha	9:59:24.00	+30:44:41.9	J2000.00	1.025	180.0	01:54:48.4	1198.7	Halpha	Narrow-ban	1 x 1	
249797	LeoA Ha	9:59:23.99	+30:44:42.0	J2000.00	1.048	180.0	02:16:24.2	1198.6	Halpha	Narrow-ban	1 x 1	
249798	LeoA stY	9:59:24.00	+30:44:42.0	J2000.00	1.071	180.0	02:37:47.7	599.6		ubvy	1 x 1	
249799	LeoA stY	9:59:23.99	+30:44:41.9	J2000.00	1.090	180.0	02:49:23.6	599.5		ubvy	1 x 1	
249800	LeoA stY	9:59:23.99	+30:44:41.9	J2000.00	1.112	180.0	03:00:59.0	599.5		ubvy	1 x 1	
249801	SA101-427 g	9:57:26.00	-00:17:16.0	J2000.00	1.359	180.0	03:15:14.3	5.1	g	Sloan	1 x 1	
249802	SA101-427 g	9:57:25.99	-00:17:16.0	J2000.00	1.398	180.0	03:24:25.5	60.1	g	Sloan	1 x 1	
249803	SA101-427 r	9:57:25.99	-00:17:16.0	J2000.00	1.411	180.0	03:27:36.2	30.1	r	Sloan	1 x 1	

249804	SA101-427 i	9:57:25.99	-00:17:16.0	J2000.00	1.418	180.0	03:29:12.0	30.1	i	Sloan		1 x 1	
249805	f34 stY	10:39:36.71	+43:06:09.9	J2000.00	1.115	180.0	03:36:12.6	29.6		ubvy		1 x 1	
249806	f34 stY	10:39:36.71	+43:06:10.0	J2000.00	1.127	180.0	03:41:05.7	299.8		ubvy		1 x 1	
249807	f34 stY	10:39:36.71	+43:06:10.0	J2000.00	1.141	180.0	03:51:16.5	60.1		ubvy		1 x 1	
249808	f34 Ha	10:39:36.71	+43:06:10.1	J2000.00	1.149	180.0	03:55:16.8	60.0	Halpha	Narrow-ban		1 x 1	
249809	f34 O3	10:39:36.70	+43:06:10.0	J2000.00	1.155	180.0	03:58:03.2	60.0	[OIII]50	Narrow-ban		1 x 1	
249810	f34 O3	10:39:36.71	+43:06:10.2	J2000.00	1.162	180.0	04:01:35.5	60.0	[OIII]50	Narrow-ban		1 x 1	cloudy now
249812	LeoII g	11:13:29.00	+22:09:11.8	J2000.00	1.136	180.0	04:17:55.5	599.6	g	Sloan		1 x 1	
249813	LeoII g	11:13:29.00	+22:09:12.0	J2000.00	1.165	180.0	04:29:31.6	599.5	g	Sloan		1 x 1	
249814	LeoII r	11:13:29.00	+22:09:12.0	J2000.00	1.197	180.0	04:40:56.5	599.0	r	Sloan		1 x 1	
249815	LeoII r	11:13:29.00	+22:09:12.1	J2000.00	1.234	180.0	04:52:31.1	599.4	r	Sloan		1 x 1	
249816	LeoII i	11:13:28.99	+22:09:11.9	J2000.00	1.276	180.0	05:03:54.3	599.4	i	Sloan		1 x 1	
249817	LeoII i	11:13:28.99	+22:09:11.8	J2000.00	1.324	180.0	05:15:26.3	599.4	i	Sloan		1 x 1	
249818	gr8 g	12:58:40.00	+14:13:00.0	J2000.00	1.109	180.0	05:31:33.9	599.5	g	Sloan		1 x 1	
249819	gr8 g	12:58:39.99	+14:12:59.8	J2000.00	1.131	180.0	05:43:06.7	599.4	g	Sloan		1 x 1	some cloud about
249820	gr8 r	12:58:39.99	+14:13:00.0	J2000.00	1.156	180.0	05:54:28.0	599.5	r	Sloan		1 x 1	
249821	gr8 r	12:58:40.00	+14:13:00.1	J2000.00	1.185	180.0	06:05:59.7	599.5	r	Sloan		1 x 1	
249822	gr8 i	12:58:40.00	+14:12:59.9	J2000.00	1.218	180.0	06:17:20.6	599.0	i	Sloan		1 x 1	
249823	gr8 i	12:58:40.00	+14:13:00.0	J2000.00	1.257	180.0	06:28:52.3	599.6	i	Sloan		1 x 1	
249824	sa107-602 i	15:39:18.99	-00:15:29.0	J2000.00	1.143	180.0	06:43:43.8	10.1	i	Sloan		1 x 1	
249825	sa107-602 r	15:39:18.99	-00:15:29.0	J2000.00	1.143	180.0	06:45:00.7	10.1	r	Sloan		1 x 1	
249826	sa107-602 g	15:39:19.00	-00:15:29.0	J2000.00	1.143	180.0	06:46:37.6	10.1	g	Sloan		1 x 1	
249827	sa107-602 g	15:39:19.00	-00:15:29.0	J2000.00	1.144	180.0	06:53:41.6	10.1	g	Sloan		1 x 1	
249828	Flat field	16:47:52.50	-15:17:44.0	B1950.00	1.426	180.0	07:10:19.2	57.8	i	Sloan		1 x 1	
249829	Flat field	16:47:53.19	-15:17:33.9	B1950.00	1.423	180.0	07:12:40.5	34.6	i	Sloan		1 x 1	
249830	Flat field	16:47:53.19	-15:17:53.9	B1950.00	1.420	180.0	07:14:47.8	20.8	i	Sloan	1	1 x 1	
249831	Flat field	16:47:51.80	-15:17:54.0	B1950.00	1.418	180.0	07:16:29.8	11.8	i	Sloan	1	1 x 1	
249832	Flat field	16:47:51.80	-15:17:53.9	B1950.00	1.416	180.0	07:18:02.1	8.9	r	Sloan	1	1 x 1	
249833	Flat field	16:47:53.19	-15:17:54.0	B1950.00	1.415	180.0	07:19:31.3	5.4	r	Sloan	1	1 x 1	
249834	Flat field	16:47:53.19	-15:17:33.9	B1950.00	1.413	180.0	07:21:07.9	3.0	r	Sloan	1	1 x 1	
249835	Flat field	16:47:53.19	-15:17:34.0	B1950.00	1.411	180.0	07:22:22.6	13.4		ubvy	1	1 x 1	
249836	Flat field	16:47:53.19	-15:17:53.9	B1950.00	1.409	180.0	07:24:00.7	8.7		ubvy	1	1 x 1	
249837	Flat field	16:47:51.81	-15:17:54.0	B1950.00	1.407	180.0	07:26:12.5	4.8		ubvy	1	1 x 1	
249838	Bias	16:47:51.80	-15:17:53.9	B1950.00	1.406	180.0	07:27:44.0	0.0		ubvy	1	1 x 1	
249839	Bias	0:00:00.00	+00:00:00.0	B1950.00	1.057	180.0	07:28:25.4	0.0		ubvy	1	1 x 1	
249840	Bias	0:00:00.00	+00:00:00.0	B1950.00	1.388	180.0	07:29:05.5	0.0		ubvy	1	1 x 1	
249841	Bias	0:00:00.00	+00:00:00.0	B1950.00	2.856	180.0	07:29:44.9	0.0		ubvy	1	1 x 1	