INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE: INT
DATE: 20010925
TAPE NR:
OBSERVER: Telting
PROGRAMME: LGC
PATT/CAT REF.: WFS4
TELESCOPE OPERATOR: none
SUPPORT ASTRONOMER: none

TELESCOPE FOCUS: 43.95 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) 30
(2nd half) 10
DUST (0-2): (1st half) 0
(2nd half) 0
SEEING (arcsec): (1st half) 1.3-1.5
(2nd half) 1.1-1.3

DOME OPENED (UT): 19:10

METEOROLOGICAL PARAMETERS

LT	AirT	Hum%	Wspd	Gust	Wdir	Press	LocT	IntT	Mirr	LocRH	IntRH
20:00	9.4	90	21.4	24.7	264	772.2	10.1	14.3	15.4	78	65
21:00	9.3	82	34.2	35.7	269	772.2	9.6	11.8	14.8	79	70
22:00	9.0	85	37.2	38.4	269	772.6	9.4	11.0	14.3	80	73
23:00	8.7	87	31.5	33.7	270	773.0	9.1	10.6	13.7	80	75
00:00	8.9	83	29.7	30.8	267	773.2	9.2	10.7	13.1	79	72
01:00	8.4	83	26.8	29.5	263	772.9	9.2	10.4	13.8	75	70
02:00	7.9	84	25.5	27.5	249	772.8	8.2	9.7	13.7	80	74
03:00	8.1	79	24.3	28.1	255	772.5	8.3	9.9	12.7	76	70
04:00	9.3	72	24.1	25.4	256	771.9	9.4	10.1	11.9	69	68
05:00	8.4	85	25.1	26.5	256	771.6	8.7	10.2	12.2	81	74
06:00	8.0	90	19.1	21.6	252	771.5	8.6	10.3	11.8	84	76

SUNSET(UT) 19:13
EVENING TWILIGHT(UT) 20:24
MORNING TWILIGHT(UT) 05:43
SUNRISE(UT) 06:55
MOON'S QUARTER (1-4) 2
DISK % OF ILLUM. 66
DARK TIME 09:19
TWILIGHT TIME 02:23
MOONRISE(UT) No moonrise within sunset-sunrise
MOONSET(UT) 01:41

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

COMMENTS:
about 80% humidity all night
not photometric

Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys	Channel	Binning	Comments
280530	Bias frame	12:45:12.00	+47:12:00.0	J2000.00	1.063	180.0	14:17:17.0	0.0	Halpha	Narrow-ban		1 x 1	
280531	Flat field	12:45:11.99	+47:11:59.9	J2000.00	1.064	180.0	14:18:31.6	15.1	Halpha	Narrow-ban		1 x 1	
280532	Bias	0:00:00.00	+00:00:00.0	B1950.00	1.074	180.0	19:13:18.3	0.0	Halpha	Narrow-ban		1 x 1	
280533	Flat field	19:19:09.00	+12:22:04.9	B1950.00	1.070	180.0	19:18:44.5	3.5	[OIII]50	Narrow-ban		1 x 1	
280534	Flat field	19:19:09.00	+12:22:04.9	B1950.00	1.068	180.0	19:19:58.6	4.8	[OIII]50	Narrow-ban		1 x 1	
280535	Flat field	19:19:09.00	+12:22:04.9	B1950.00	1.067	180.0	19:21:32.4	6.8	[OIII]50	Narrow-ban		1 x 1	
280536	Flat field	19:19:08.93	+12:22:05.0	B1950.00	1.065	180.0	19:22:58.4	17.3	Halpha	Narrow-ban		1 x 1	
280537	Flat field	19:19:09.61	+12:22:15.0	B1950.00	1.064	180.0	19:24:23.4	26.2	Halpha	Narrow-ban		1 x 1	
280538	Flat field	19:19:09.61	+12:22:14.9	B1950.00	1.062	180.0	19:25:57.6	40.1	Halpha	Narrow-ban		1 x 1	
280539	Flat field	19:19:09.61	+12:22:15.0	B1950.00	1.061	180.0	19:27:59.0	31.0		ubvy		1 x 1	stromgren y
280540	Flat field	19:19:09.61	+12:22:04.9	B1950.00	1.059	180.0	19:29:43.0	45.1		ubvy		1 x 1	stromgren y
280541	StrY	19:19:09.64	+12:22:00.0	B1950.00	1.057	180.0	19:31:30.8	55.1	g	Sloan		1 x 1	stromgren y,
280542	Flat field	19:19:08.99	+12:22:04.9	B1950.00	1.055	180.0	19:35:00.8	20.8	g	Sloan		1 x 1	
280543	Flat field	19:19:09.68	+12:22:04.8	B1950.00	1.054	180.0	19:36:49.5	32.3	g	Sloan		1 x 1	
280544	Flat field	19:19:09.68	+12:21:55.0	B1950.00	1.053	180.0	19:38:41.4	40.1	g	Sloan		1 x 1	
280545	sloanR	19:19:09.00	+12:22:05.0	B1950.00	1.052	180.0	19:40:51.6	30.0	r	Sloan		1 x 1	
280546	sloanR	19:19:09.00	+12:21:54.9	B1950.00	1.050	180.0	19:42:42.3	130.1	r	Sloan		1 x 1	
280547	Focus run	19:19:08.31	+12:24:45.1	B1950.00	1.047	180.0	19:50:20.7	10.1		ubvy		1 x 1	
280548	Focus run	19:19:08.31	+12:24:14.9	B1950.00	1.043	180.0	20:01:17.8	15.1		ubvy		1 x 1	
280549	Focus run	19:19:08.31	+12:22:45.0	B1950.00	1.042	180.0	20:05:50.7	20.1		ubvy		1 x 1	
280551	ngc6822NE-O3	19:46:08.20	-14:34:11.0	J2000.00	1.374	180.0	20:29:28.0	1198.8	[OIII]50	Narrow-ban		1 x 1	moon close: 15
280553	ngc6822NE-O3	19:46:08.19	-14:34:11.0	J2000.00	1.391	180.0	21:02:25.4	1198.9	[OIII]50	Narrow-ban		1 x 1	cirrus&moon
280554	ngc6822NE-O3	19:46:08.20	-14:34:10.9	J2000.00	1.426	180.0	21:26:08.5	1198.8	[OIII]50	Narrow-ban		1 x 1	moon: 15 degr
280555	ngc6822NE-O3	19:46:08.20	-14:34:11.0	J2000.00	1.480	180.0	21:49:23.7	1198.9	[OIII]50	Narrow-ban		1 x 1	
280556	ngc6822NE-StrY	19:46:08.19	-14:34:11.0	J2000.00	1.539	180.0	22:12:49.3	599.4		ubvy		1 x 1	
280557	ngc6822NE-StrY	19:46:08.20	-14:34:11.0	J2000.00	1.590	180.0	22:25:30.2	599.6		ubvy		1 x 1	
280558	ngc6822NE-StrY	19:46:08.20	-14:34:10.9	J2000.00	1.649	180.0	22:37:52.5	599.5		ubvy		1 x 1	
280559	Bias	0:20:00.00	+59:17:34.6	J2000.00	1.280	180.0	22:52:52.2	0.0		ubvy		1 x 1	
280560	Bias	0:20:00.00	+59:17:34.6	J2000.00	1.278	180.0	22:53:44.6	0.0		ubvy		1 x 1	
280561	Bias	0:20:00.00	+59:17:34.7	J2000.00	1.277	180.0	22:54:37.1	0.0		ubvy		1 x 1	
280562	Bias	0:20:00.00	+59:17:34.7	J2000.00	1.275	180.0	22:55:36.9	0.0		ubvy		1 x 1	
280563	Bias	0:20:00.00	+59:17:34.7	J2000.00	1.273	180.0	22:56:36.7	0.0		ubvy		1 x 1	
280564	Focus run	0:20:00.00	+59:19:04.8	J2000.00	1.262	180.0	23:04:16.2	20.1	r	Sloan		1 x 1	
280565	ic10 g	0:19:59.99	+59:17:34.6	J2000.00	1.244	180.0	23:11:14.6	399.7	g	Sloan		1 x 1	
280566	ic10 g	0:20:00.01	+59:17:34.7	J2000.00	1.232	180.0	23:19:55.2	399.6	g	Sloan		1 x 1	
280567	ic10 g	0:20:00.01	+59:17:34.5	J2000.00	1.220	180.0	23:28:31.7	399.7	g	Sloan		1 x 1	
280568	ic10 r	0:20:00.00	+59:17:34.7	J2000.00	1.210	180.0	23:37:20.0	399.7	r	Sloan		1 x 1	
280569	ic10 r	0:20:00.01	+59:17:34.8	J2000.00	1.201	180.0	23:45:54.7	399.2	r	Sloan		1 x 1	
280570	ic10 r	0:19:59.99	+59:17:34.5	J2000.00	1.193	180.0	23:54:29.5	399.7	r	Sloan		1 x 1	
280571	ic10 i	0:20:00.00	+59:17:34.6	J2000.00	1.186	180.0	00:03:15.9	399.7	i	Sloan		1 x 1	
280572	ic10 i	0:20:00.00	+59:17:34.7	J2000.00	1.179	180.0	00:11:51.6	399.7	i	Sloan		1 x 1	
280573	ic10 i	0:20:00.01	+59:17:34.5	J2000.00	1.174	180.0	00:20:27.1	399.6	i	Sloan		1 x 1	
280574	ic10 Ha	0:19:59.99	+59:17:34.7	J2000.00	1.166	180.0	00:31:53.4	1198.0	Halpha	Narrow-ban		1 x 1	
280575	ic10 Ha	0:20:00.00	+59:17:34.6	J2000.00	1.161	180.0	00:53:53.7	1198.3	Halpha	Narrow-ban		1 x 1	
280576	ic10 Ha	0:19:59.99	+59:17:34.7	J2000.00	1.162	180.0	01:15:52.9	1198.9	Halpha	Narrow-ban		1 x 1	
280577	ic10 O3	0:19:59.99	+59:17:34.5	J2000.00	1.169	180.0	01:39:02.4	1198.8	[OIII]50	Narrow-ban		1 x 1	
280578	ic10 O3	0:20:00.00	+59:17:34.5	J2000.00	1.181	180.0	02:01:03.4	1198.7	[OIII]50	Narrow-ban		1 x 1	
280579	ic10 O3	0:19:59.99	+59:17:34.6	J2000.00	1.200	180.0	02:23:03.0	1198.8	[OIII]50	Narrow-ban		1 x 1	
280580	ic10 StrY	0:19:59.99	+59:17:34.6	J2000.00	1.218	180.0	02:45:18.8	599.4		ubvy		1 x 1	
280581	ic10 StrY	0:20:00.00	+59:17:34.6	J2000.00	1.234	180.0	02:57:18.8	599.4		ubvy		1 x 1	
280582	ic10 StrY	0:20:00.00	+59:17:34.7	J2000.00	1.251	180.0	03:09:18.7	599.4		ubvy		1 x 1	
280583	M31-microfld1	0:43:59.97	+41:34:00.0	J2000.00	1.110	180.0	03:23:24.4	319.6	r	Sloan		1 x 1	
280584	M31-microfld1	0:44:00.00	+41:34:00.0	J2000.00	1.122	180.0	03:30:02.9	319.8	r	Sloan		1 x 1	
280585	M31-microfld1	0:44:00.00	+41:34:00.0	J2000.00	1.134	180.0	03:36:41.0	319.8	i	Sloan		1 x 1	
280586	M31-microfld1	0:44:00.00	+41:33:59.9	J2000.00	1.147	180.0	03:43:20.8	319.7	i	Sloan		1 x 1	
280587	M31-microfld2	0:21:35.00	+20:29:07.4	J2000.00	1.163	180.0	03:51:04.3	319.8	r	Sloan		1 x 1	
280588	M31-microfld2	0:43:10.00	+40:58:14.9	J2000.00	1.179	180.0	03:57:41.8	319.8	r	Sloan		1 x 1	
280589	M31-microfld2	0:43:10.00	+40:58:15.0	J2000.00	1.195	180.0	04:04:21.7	319.8	i	Sloan		1 x 1	
280590	M31-microfld2	0:43:10.00	+40:58:15.0	J2000.00	1.213	180.0	04:10:58.9	319.8	i	Sloan		1 x 1	
280591	m3111 g	0:40:50.00	+40:42:06.0	J2000.00	1.244	180.0	04:19:13.8	399.7	g	Sloan		1 x 1	

280592	m3111 g	0:40:50.00	+40:42:06.0	J2000.00	1.272	180.0	04:27:51.7	399.7	g	Sloan	1 x 1	
280593	m3111 g	0:40:49.99	+40:42:06.1	J2000.00	1.302	180.0	04:36:32.7	399.7	g	Sloan	1 x 1	
280594	m3111 r	0:40:50.00	+40:42:06.1	J2000.00	1.335	180.0	04:45:24.3	399.6	r	Sloan	1 x 1	
280595	m3111 r	0:40:50.00	+40:42:06.1	J2000.00	1.370	180.0	04:54:02.1	399.7	r	Sloan	1 x 1	
280596	m3111 r	0:40:49.99	+40:42:06.1	J2000.00	1.408	180.0	05:02:39.7	399.5	r	Sloan	1 x 1	
280597	m3111 i	0:40:50.00	+40:42:05.9	J2000.00	1.451	180.0	05:11:28.8	399.7	i	Sloan	1 x 1	
280598	m3111 i	0:40:50.00	+40:42:06.0	J2000.00	1.496	180.0	05:20:07.0	399.6	i	Sloan	1 x 1	
280599	m3111 i	0:40:49.99	+40:42:06.1	J2000.00	1.546	180.0	05:28:44.5	399.7	i	Sloan	1 x 1	
280600	m33a1 g	1:34:00.00	+30:52:59.9	J2000.00	1.355	180.0	05:39:10.1	399.5	g	Sloan	1 x 1	
280601	m33a1 r	1:33:59.99	+30:53:00.0	J2000.00	1.398	180.0	05:48:04.6	399.2	r	Sloan	1 x 1	
280602	m33a1 i	1:34:00.00	+30:53:00.0	J2000.00	1.444	180.0	05:56:57.4	399.6	i	Sloan	1 x 1	
280603	Bias	1:34:00.00	+30:53:00.0	J2000.00	1.473	180.0	06:05:20.8	0.0	i	Sloan	1 x 1	
280604	Bias	1:34:00.00	+30:53:00.0	J2000.00	1.478	180.0	06:06:13.2	0.0	i	Sloan	1 x 1	
280605	Bias	1:33:59.99	+30:53:00.0	J2000.00	1.483	180.0	06:07:05.6	0.0	i	Sloan	1 x 1	
280606	Bias	1:34:00.00	+30:52:59.9	J2000.00	1.489	180.0	06:08:07.6	0.0	i	Sloan	1 x 1	
280607	Bias	1:34:00.00	+30:53:00.0	J2000.00	1.495	180.0	06:09:00.4	0.0	i	Sloan	1 x 1	
280608	sa98-670 g	6:52:12.00	-00:19:16.7	J2000.00	1.237	180.0	06:13:51.1	10.0	r	Sloan	1 x 1	crap
280609	sa98-670 r	6:52:12.00	-00:19:16.9	J2000.00	1.234	180.0	06:14:57.7	10.1	i	Sloan	1 x 1	crap
280610	sa98-670 i	6:52:12.00	-00:19:17.0	J2000.00	1.232	180.0	06:16:02.3	10.1	i	Sloan	1 x 1	crap
280611	sa95-330 g	3:54:31.00	+00:29:05.0	J2000.00	1.235	180.0	06:18:44.0	10.1	r	Sloan	1 x 1	crap
280612	sa95-330 r	0:00:00.00	+00:00:00.0	J2000.00	1.239	180.0	06:19:51.6	10.1	r	Sloan	1 x 1	crap
280613	sa95-330r	0:00:00.00	+00:00:00.0	J2000.00	1.239	180.0	06:21:25.9	10.1	r	Sloan	1 x 1	crap
280614	sa95-330i	0:00:00.00	+00:00:00.0	J2000.00	1.239	180.0	06:22:41.4	10.1	i	Sloan	1 x 1	crap
280615	sa95-330g	0:00:00.00	+00:00:00.0	J2000.00	1.239	180.0	06:23:53.5	10.2	g	Sloan	1 x 1	crap
280616	Flat field	8:01:00.00	+49:59:59.9	J2000.00	1.212	180.0	06:27:46.8	41.4	i	Sloan	1 x 1	
280617	Flat field	8:01:01.03	+50:00:10.0	J2000.00	1.208	180.0	06:29:53.6	26.2	i	Sloan	1 x 1	
280618	Flat field	8:01:00.00	+50:00:19.9	J2000.00	1.204	180.0	06:31:53.4	14.6	i	Sloan	1 x 1	
280619	Flat field	8:01:00.00	+49:59:59.9	J2000.00	1.201	180.0	06:33:29.9	10.0	r	Sloan	1 x 1	
280620	sloanR	8:01:00.00	+49:59:59.9	J2000.00	1.198	180.0	06:34:44.2	8.1	r	Sloan	1 x 1	
280621	sloanR	8:01:01.03	+50:00:09.9	J2000.00	1.196	180.0	06:36:15.6	7.1	r	Sloan	1 x 1	
280622	sloanR	8:01:00.00	+50:00:19.9	J2000.00	1.192	180.0	06:37:52.7	4.1	r	Sloan	1 x 1	
280623	Flat field	8:01:00.00	+50:00:00.0	J2000.00	1.190	180.0	06:39:05.5	3.9	g	Sloan	1 x 1	
280624	Flat field	8:01:00.00	+49:59:59.9	J2000.00	1.187	180.0	06:40:47.5	18.6		ubvy	1 x 1	Str Y
280625	Flat field	8:00:58.96	+50:00:09.9	J2000.00	1.183	180.0	06:42:43.6	5.6		ubvy	1 x 1	Str Y
280626	Flat field	8:00:59.99	+49:59:59.9	J2000.00	1.181	180.0	06:43:58.6	6.2	Halpha	Narrow-ban	1 x 1	
280627	Flat field	8:01:01.03	+50:00:10.0	J2000.00	1.178	180.0	06:45:53.6	4.0	Halpha	Narrow-ban	1 x 1	