INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE: INT
DATE: 20010316
TAPE NR:
OBSERVER: Jonathan Davies, Sabina Sabatini
PROGRAMME: WFS virgo
PATT/CAT REF.: WFS2
TELESCOPE OPERATOR: P. Sorensen
SUPPORT ASTRONOMER: T. Augusteijn

TELESCOPE FOCUS: 46.20 mm
CALIBRATE RESULTS: not specified

INSTRUMENT: WFC

WFC FILTER WHEEL: UBVriHa

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) 1.5
(2nd half) 2.

DOME OPENED (UT): 19:00

METEOROLOGICAL PARAMETERS

LT	AirT	Hum%	Wspd	Gust	Wdir	Press	LocT	IntT	Mirr	LocRH	IntRH
20:00	3.4	28	32.8	34.9	273	766.6	3.6	5.8	8.3	27	22
21:00	2.6	28	22.2	24.8	266	767.2	3.2	4.4	8.3	22	22
22:00	2.4	42	26.9	31.6	281	767.2	3.0	4.2	7.9	41	41
23:00	3.5	13	31.9	36.4	281	767.2	3.9	5.0	8.0	13	14
00:00	3.3	9	22.2	27.3	294	767.1	3.6	5.0	7.8	9	10
01:00	3.4	9	26.3	32.3	253	766.4	3.9	5.3	7.5	9	10
02:00	3.6	34	24.0	26.4	308	766.3	4.2	5.6	7.4	30	28
03:00	3.5	18	41.9	46.8	312	765.8	4.4	5.6	7.4	16	18
04:00	3.5	15	37.0	40.9	328	765.4	3.6	5.2	7.1	15	16
05:00	2.8	14	43.5	48.9	325	765.0	3.1	5.0	6.8	17	16
06:00	1.6	25	44.5	49.5	317	765.0	2.5	4.3	6.3	18	21
07:00	1.0	35	49.6	55.5	316	765.1	1.6	4.7	6.5	35	33

SUNSET(UT) 19:27
EVENING TWILIGHT(UT) 20:39
MORNING TWILIGHT(UT) 06:01
SUNRISE(UT) 07:12
MOON'S QUARTER (1-4) 4
DISK % OF ILLUM. 49
DARK TIME 09:22
TWILIGHT TIME 02:23
MOONRISE(UT) 02:13
MOONSET(UT) No moonset within sunset-sunrise

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

COMMENTS:
Everything fine

Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys	Channel	Binning	Comments
251919	Bias frame	0:00:00.00	+00:00:00.0	B1950.00	4.331	180.0	13:52:39.3	0.0	V	Harris		1 x 1	
251920	Bias	0:00:00.00	+00:00:00.0	B1950.00	4.331	180.0	16:34:47.0	0.0	Halpha	Narrow-ban		1 x 1	
251921	Bias	0:00:00.00	+00:00:00.0	B1950.00	4.331	180.0	17:04:37.3	0.0	Halpha	Narrow-ban		1 x 1	
251922	Flat field	4:25:46.00	+54:09:03.1	B1950.00	1.174	180.0	19:46:40.5	5.0	i	Sloan		1 x 1	
251923	Flat field	4:25:47.13	+54:09:13.0	B1950.00	1.176	180.0	19:48:04.1	7.9	i	Sloan		1 x 1	
251924	Flat field	4:25:44.86	+54:08:52.9	B1950.00	1.178	180.0	19:49:49.8	12.9	i	Sloan		1 x 1	
251925	Flat field	4:25:47.13	+54:08:53.1	B1950.00	1.181	180.0	19:51:29.3	20.3	i	Sloan		1 x 1	
251926	Flat field	4:25:44.86	+54:09:12.9	B1950.00	1.184	180.0	19:53:29.9	34.4	i	Sloan		1 x 1	
251927	Flat field	4:25:47.13	+54:09:23.0	B1950.00	1.187	180.0	19:55:30.3	61.6	i	Sloan		1 x 1	
251928	Flat field	4:25:44.85	+54:08:43.1	B1950.00	1.194	180.0	19:59:09.0	146.7	i	Sloan		1 x 1	
251929	Focus run	6:52:11.80	-00:15:53.8	J2000.00	1.145	180.0	20:15:38.9	15.1	i	Sloan		1 x 1	
251930	98-671	6:52:11.80	-00:18:24.0	J2000.00	1.144	180.0	20:28:58.6	10.1	i	Sloan		1 x 1	
251931	98-671	6:52:11.80	-00:18:24.0	J2000.00	1.145	180.0	20:36:06.1	10.1	i	Sloan		1 x 1	
251932	100-280	8:53:35.40	-00:36:42.0	J2000.00	1.281	180.0	20:41:36.6	9.6	i	Sloan		1 x 1	
251933	100-280	8:53:35.40	-00:36:41.9	J2000.00	1.275	180.0	20:43:34.6	9.6	i	Sloan		1 x 1	
251934	101-421	9:57:16.10	-00:17:19.0	J2000.00	1.508	180.0	20:47:59.1	10.1	i	Sloan		1 x 1	
251935	POS_B	10:06:38.70	+51:55:37.9	J2000.00	1.210	90.0	21:13:46.9	1198.8	U	RGO		1 x 1	
251936	POS_B	10:06:38.70	+51:55:37.9	J2000.00	1.179	90.0	21:36:05.2	599.5	B	Harris		1 x 1	
251937	POS_B	10:06:38.69	+51:55:38.0	J2000.00	1.160	90.0	21:48:24.6	599.4	V	Harris		1 x 1	
251938	POS_B	10:06:38.70	+51:55:37.9	J2000.00	1.143	90.0	22:00:57.1	599.4	r	Sloan		1 x 1	
251939	VIRGO231	12:31:28.80	+11:03:59.7	J2000.00	1.616	180.0	22:27:10.3	998.7	i	Sloan		1 x 1	
251940	VIRGO232	12:33:35.10	+11:04:00.0	J2000.00	1.481	180.0	22:48:50.9	999.1	i	Sloan		1 x 1	
251941	VIRGO233	12:35:41.50	+11:04:00.0	J2000.00	1.364	180.0	23:12:55.2	998.8	i	Sloan		1 x 1	
251942	VIRGO234	12:37:47.79	+11:04:00.0	J2000.00	1.282	180.0	23:34:49.5	998.9	i	Sloan		1 x 1	
251943	VIRGO235	12:39:54.20	+11:04:00.0	J2000.00	1.220	180.0	23:55:24.9	998.9	i	Sloan		1 x 1	
251944	VIRGO236	12:42:00.50	+11:04:00.0	J2000.00	1.172	180.0	00:15:28.3	999.0	i	Sloan		1 x 1	
251945	VIRGO237	12:44:06.90	+11:03:59.9	J2000.00	1.135	180.0	00:34:31.7	998.9	i	Sloan		1 x 1	
251946	VIRGO238	12:46:13.19	+11:03:59.9	J2000.00	1.105	180.0	00:54:09.5	998.8	i	Sloan		1 x 1	
251947	VIRGO239	12:48:19.59	+11:03:59.9	J2000.00	1.081	180.0	01:15:05.5	999.0	i	Sloan		1 x 1	
251948	VIRGO240	12:50:25.90	+11:04:00.1	J2000.00	1.064	180.0	01:35:31.9	999.0	i	Sloan		1 x 1	
251949	101-330	9:56:20.59	-00:27:23.0	J2000.00	1.426	180.0	01:55:01.8	10.1	i	Sloan		1 x 1	
251950	104-367	12:43:58.50	-00:33:35.0	J2000.00	1.151	180.0	01:57:12.5	10.1	i	Sloan		1 x 1	
251951	107-592	15:38:50.30	-00:17:09.0	J2000.00	1.704	180.0	02:00:01.6	9.6	i	Sloan		1 x 1	
251952	VIRGO251	12:31:28.80	+11:24:00.0	J2000.00	1.049	180.0	02:04:15.3	998.8	i	Sloan		1 x 1	
251953	VIRGO252	12:33:35.30	+11:24:00.1	J2000.00	1.054	180.0	02:24:12.3	999.0	i	Sloan		1 x 1	
251954	VIRGO253	12:35:41.79	+11:23:59.9	J2000.00	1.066	180.0	02:44:22.3	998.9	i	Sloan		1 x 1	
251955	VIRGO254	12:37:48.30	+11:24:00.0	J2000.00	1.084	180.0	03:04:23.5	999.1	i	Sloan		1 x 1	
251956	VIRGO255	12:39:44.80	+11:25:59.9	J2000.00	1.114	180.0	03:27:53.4	998.9	i	Sloan		1 x 1	
251957	VIRGO256	12:42:01.29	+11:24:00.2	J2000.00	1.146	180.0	03:47:01.1	998.9	i	Sloan		1 x 1	
251958	VIRGO257	12:44:07.80	+11:24:00.0	J2000.00	1.192	180.0	04:08:16.0	999.0	i	Sloan		1 x 1	
251959	VIRGO258	12:46:14.30	+11:24:00.0	J2000.00	1.243	180.0	04:27:36.6	999.0	i	Sloan		1 x 1	
251960	VIRGO259	12:48:20.80	+11:23:59.8	J2000.00	1.304	180.0	04:46:41.6	999.0	i	Sloan		1 x 1	
251961	VIRGO260	12:50:27.30	+11:23:59.9	J2000.00	1.383	180.0	05:06:42.0	999.0	i	Sloan		1 x 1	
251962	107-592	15:38:50.30	-00:17:08.9	J2000.00	1.146	180.0	05:25:54.1	10.1	i	Sloan		1 x 1	
251963	104-367	12:43:58.50	-00:33:34.9	J2000.00	1.717	180.0	05:28:15.5	10.1	i	Sloan		1 x 1	
251964	110-361	18:42:45.00	+00:08:05.0	J2000.00	1.504	180.0	05:31:23.0	10.1	i	Sloan		1 x 1	
251965	VIRGO271	12:31:28.89	+11:43:59.9	J2000.00	1.705	180.0	05:36:36.1	999.1	i	Sloan		1 x 1	
251966	VIRGO272	12:33:35.49	+11:43:59.9	J2000.00	1.897	180.0	05:57:31.3	999.0	i	Sloan		1 x 1	
251967	Bias	16:47:52.50	-15:17:43.9	B1950.00	1.393	180.0	06:17:49.9	0.0	i	Sloan		1 x 1	
251968	Bias	16:47:52.50	-15:17:43.9	B1950.00	1.392	180.0	06:19:09.6	0.0	i	Sloan		1 x 1	
251969	Bias	16:47:52.50	-15:17:43.9	B1950.00	1.392	180.0	06:20:32.4	0.0	i	Sloan		1 x 1	
251970	Flat field	16:47:52.50	-15:17:44.0	B1950.00	1.399	180.0	06:42:22.2	74.7	i	Sloan	1	1 x 1	
251971	Flat field	16:47:53.19	-15:17:34.0	B1950.00	1.400	180.0	06:45:02.2	43.2	i	Sloan	1	1 x 1	
251972	Flat field	16:47:53.19	-15:17:54.0	B1950.00	1.402	180.0	06:46:58.7	26.4	i	Sloan	1	1 x 1	
251973	Flat field	16:47:51.80	-15:17:33.9	B1950.00	1.403	180.0	06:48:42.0	18.0	i	Sloan	1	1 x 1	
251974	Flat field	16:47:51.80	-15:17:54.0	B1950.00	1.404	180.0	06:50:15.2	12.2	i	Sloan	1	1 x 1	
251975	Flat field	16:47:51.80	-15:17:53.9	B1950.00	1.406	180.0	06:51:50.8	7.9	i	Sloan	1	1 x 1	