INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:            INT
DATE:                 20010721
TAPE NR:
OBSERVER:             P. Vreeswijk
PROGRAMME:            FSV survey
PATT/CAT REF.:        WFS1
TELESCOPE OPERATOR:   M. Azzaro
SUPPORT ASTRONOMER:   none

TELESCOPE FOCUS:      43.95 mm
CALIBRATE RESULTS:    not specified

INSTRUMENT:           WFC

WFC FILTER WHEEL:     V

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) 1.2
                      (2nd half) 1.2

DOME OPENED (UT):     19:30
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METEOROLOGICAL PARAMETERS

LT	AirT	Hum%	Wspd	Gust	Wdir	Press	LocT	IntT	Mirr	LocRH	IntRH
21:00	12.0	3	36.7	37.8	25	771.8	12.4	13.7	15.9	2	3
22:00	12.3	2	35.2	37.0	22	772.1	12.5	13.2	15.5	1	2
23:00	12.1	3	38.1	40.3	23	772.6	12.3	13.3	15.1	2	3
00:00	11.7	4	40.8	43.2	10	772.9	12.0	13.1	15.0	3	4
01:00	11.7	5	37.9	40.3	18	772.9	12.3	12.8	14.8	2	5
02:00	12.6	2	38.6	40.8	28	772.9	12.9	13.2	14.5	2	4
03:00	12.2	3	33.4	35.6	23	772.5	12.7	13.1	14.2	1	3
04:00	12.1	3	33.8	36.8	36	772.2	12.6	13.2	14.7	1	2
05:00	12.7	3	24.7	29.2	40	772.2	12.9	13.6	14.5	1	6
06:00	13.4	5	27.2	29.2	40	772.2	13.3	13.4	14.4	1	3

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SUNSET(UT)              20:17
EVENING TWILIGHT(UT)    21:40
MORNING TWILIGHT(UT)    04:56
SUNRISE(UT)             06:19
MOON'S QUARTER (1-4)    1
DISK % OF ILLUM.        2
DARK TIME               07:16
TWILIGHT TIME           02:46
MOONRISE(UT)            No moonrise within sunset-sunrise
MOONSET(UT)             21:13

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
268078	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.251	180.0	12:06:41.3	0.0	B	Harris	1 x 1	
268079	Dark frame	0:00:00.00	+00:00:00.0	J2000.00	4.251	180.0	12:08:14.2	600.0	B	Harris	1 x 1	

268080	Bias	0:00:00.00	+00:00:00.0	A	1.001	180.1	12:32:58.4	0.0	z	Gunn	1 x 1
268081	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.001	180.1	20:15:59.4	0.0	U	RGO	1 x 1 dome open!
268082	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.001	180.1	20:16:53.2	0.0	U	RGO	1 x 1
268083	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.001	180.1	20:17:46.2	0.0	U	RGO	1 x 1
268084	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.001	180.1	20:18:40.3	0.0	U	RGO	1 x 1
268085	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.001	180.1	20:19:35.1	0.0	U	RGO	1 x 1
268086	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.001	180.1	20:20:31.7	0.0	U	RGO	1 x 1
268087	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.001	180.1	20:21:29.6	0.0	U	RGO	1 x 1
268088	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.001	180.1	20:22:27.2	0.0	U	RGO	1 x 1
268089	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.001	180.1	20:23:25.3	0.0	U	RGO	1 x 1
268090	Bias	0:00:00.00	+00:00:00.0	J2000.00	1.001	180.1	20:24:23.4	0.0	U	RGO	1 x 1
268091	Flat field	15:01:59.99	+29:55:00.1	J2000.00	1.003	180.1	20:34:35.8	3.6	V	Harris	1 x 1
268092	Flat field	15:02:00.00	+29:54:59.8	J2000.00	1.003	180.1	20:36:02.0	5.2	V	Harris	1 x 1 no offset
268093	Flat field	15:02:01.54	+29:55:19.8	J2000.00	1.004	180.1	20:37:28.4	7.3	V	Harris	1 x 1
268094	Flat field	15:02:01.53	+29:55:20.0	J2000.00	1.004	180.1	20:38:45.6	10.1	V	Harris	1 x 1 no offset
268095	Flat field	15:02:03.07	+29:55:40.0	J2000.00	1.005	180.1	20:40:14.5	14.0	V	Harris	1 x 1
268096	Flat field	15:01:56.92	+29:54:20.0	J2000.00	1.006	180.1	20:41:44.5	32.8	V	Harris	1 x 1
268097	Flat field	15:02:04.61	+29:55:59.9	J2000.00	1.006	180.1	20:43:45.7	31.4	V	Harris	1 x 1
268098	Flat field	15:01:58.46	+29:54:40.0	J2000.00	1.007	180.1	20:45:31.0	48.2	V	Harris	1 x 1
268099	Flat field	15:01:55.38	+29:54:00.0	J2000.00	1.008	180.1	20:47:29.6	73.1	V	Harris	1 x 1
268100	Flat field	15:02:00.77	+29:55:09.9	J2000.00	1.010	180.1	20:50:04.2	122.1	V	Harris	1 x 1
268101	Flat field	15:01:59.23	+29:54:50.0	J2000.00	1.012	180.1	20:53:34.9	230.8	V	Harris	1 x 1
268102	Bias	15:02:02.30	+29:55:30.0	J2000.00	1.015	180.1	20:59:39.9	0.0	V	Harris	1 x 1 funky structures
268103	Bias	15:02:02.31	+29:55:29.9	J2000.00	1.018	180.1	21:03:54.9	0.0	V	Harris	1 x 1 same
268104	Bias	15:02:02.30	+29:55:29.9	J2000.00	1.018	180.1	21:04:49.1	0.1	V	Harris	1 x 1 same
268105	Bias	15:02:02.30	+29:55:29.9	J2000.00	1.019	180.1	21:05:49.4	0.0	V	Harris	1 x 1 same
268106	Bias	15:02:02.30	+29:55:29.9	J2000.00	1.020	180.1	21:06:48.5	0.0	V	Harris	1 x 1 same
268107	Bias	15:02:02.30	+29:55:30.0	J2000.00	1.022	180.1	21:09:21.2	0.0	V	Harris	1 x 1 guide off-->good
268108	Focus run	17:23:15.00	+27:31:59.9	J2000.00	1.050	180.1	21:16:12.7	10.1	V	Harris	1 x 1
268109	f_63 V	17:23:14.99	+27:29:59.9	J2000.00	1.032	180.1	21:26:27.6	599.5	V	Harris	1 x 1
268110	f_63 V	17:23:14.99	+27:30:00.0	J2000.00	1.021	180.1	21:38:18.9	599.4	V	Harris	1 x 1
268111	f_63 V	17:23:15.00	+27:30:00.0	J2000.00	1.013	180.1	21:50:14.7	599.4	V	Harris	1 x 1
268112	f_63 V	17:23:14.99	+27:29:59.9	J2000.00	1.006	180.1	22:02:06.0	599.5	V	Harris	1 x 1
268113	f_63 V	17:23:15.00	+27:29:59.9	J2000.00	1.002	180.1	22:14:06.7	599.4	V	Harris	1 x 1
268114	f_64 V	17:25:44.99	+27:29:59.6	J2000.00	1.001	180.1	22:26:59.0	599.4	V	Harris	1 x 1
268115	f_64 V	17:25:44.99	+27:29:59.7	J2000.00	1.001	180.1	22:40:35.9	599.5	V	Harris	1 x 1
268116	f_64 V	17:25:44.99	+27:29:59.9	J2000.00	1.004	180.1	22:55:04.7	599.5	V	Harris	1 x 1
268117	f_64 V	17:25:44.99	+27:29:59.9	J2000.00	1.009	180.1	23:08:11.9	599.4	V	Harris	1 x 1
268118	f_64 V	17:25:45.00	+27:30:00.0	J2000.00	1.016	180.1	23:19:33.1	599.5	V	Harris	1 x 1
268119	f_65 V	17:28:15.00	+27:29:59.9	J2000.00	1.025	180.1	23:33:10.6	599.0	V	Harris	1 x 1
268120	f_65 V	17:28:15.00	+27:29:59.9	J2000.00	1.036	180.1	23:44:30.7	599.4	V	Harris	1 x 1
268121	f_65 V	17:28:14.99	+27:30:00.0	J2000.00	1.050	180.1	23:55:51.4	599.3	V	Harris	1 x 1
268122	f_65 V	17:28:15.00	+27:29:59.9	J2000.00	1.066	180.1	00:07:10.5	599.4	V	Harris	1 x 1
268123	f_65 V	17:28:14.99	+27:30:00.0	J2000.00	1.084	180.1	00:18:29.5	599.0	V	Harris	1 x 1
268124	f_66 V	17:28:14.99	+26:56:00.1	J2000.00	1.107	180.1	00:30:19.7	599.4	V	Harris	1 x 1
268125	f_66 V	17:28:15.00	+26:55:59.9	J2000.00	1.131	180.1	00:41:39.2	599.3	V	Harris	1 x 1
268126	f_66 V	17:28:15.00	+26:56:00.0	J2000.00	1.159	180.1	00:52:58.6	599.5	V	Harris	1 x 1
268127	f_66 V	17:28:15.00	+26:56:00.0	J2000.00	1.190	180.1	01:04:24.3	599.3	V	Harris	1 x 1
268128	f_66 V	17:28:14.99	+26:56:00.0	J2000.00	1.225	180.1	01:15:43.8	599.5	V	Harris	1 x 1
268129	f_63 V	17:23:14.99	+27:30:00.0	J2000.00	1.286	180.1	01:28:15.1	599.5	V	Harris	1 x 1
268130	f_64 V	17:25:44.99	+27:29:59.9	J2000.00	1.325	180.1	01:40:04.4	599.4	V	Harris	1 x 1
268131	f_65 V	17:28:14.99	+27:29:59.8	J2000.00	1.368	180.1	01:51:57.1	599.4	V	Harris	1 x 1
268132	f_66 V	17:28:14.99	+26:56:00.0	J2000.00	1.432	180.1	02:03:46.0	599.5	V	Harris	1 x 1
268133	f_68 V	22:00:00.00	+27:39:59.9	J2000.00	1.019	180.1	02:16:40.8	599.6	V	Harris	1 x 1
268134	f_68 V	22:00:00.00	+27:40:00.0	J2000.00	1.012	180.1	02:28:00.4	599.3	V	Harris	1 x 1
268135	f_68 V	22:00:00.00	+27:40:00.0	J2000.00	1.006	180.1	02:39:19.4	599.4	V	Harris	1 x 1
268136	f_68 V	22:00:00.00	+27:40:00.0	J2000.00	1.002	180.1	02:50:38.4	599.4	V	Harris	1 x 1
268138	f_69 V	22:02:30.00	+27:39:59.9	J2000.00	1.000	180.1	03:04:42.9	599.5	V	Harris	1 x 1
268139	f_69 V	22:02:30.00	+27:39:59.9	J2000.00	1.001	180.1	03:16:02.6	599.5	V	Harris	1 x 1
268140	f_69 V	22:02:29.99	+27:39:59.9	J2000.00	1.003	180.1	03:27:21.3	599.5	V	Harris	1 x 1
268141	f_69 V	22:02:30.00	+27:40:00.0	J2000.00	1.007	180.1	03:38:41.3	599.4	V	Harris	1 x 1
268142	f_70 V	22:04:59.99	+27:40:00.0	J2000.00	1.011	180.1	03:50:16.5	599.5	V	Harris	1 x 1

268143	f_70 V	22:04:59.99	+27:40:00.0	J2000.00	1.019	180.1	04:01:36.4	599.4	V	Harris		1 x 1
268144	f_70 V	22:05:00.00	+27:39:59.9	J2000.00	1.029	180.1	04:12:54.6	599.1	V	Harris		1 x 1
268145	f_70 V	22:05:00.00	+27:40:00.0	J2000.00	1.040	180.1	04:24:14.7	599.5	V	Harris		1 x 1
268146	f_71 V	22:05:00.00	+27:06:00.1	J2000.00	1.056	180.1	04:36:03.8	599.3	V	Harris		1 x 1
268147	f_71 V	22:04:59.99	+27:06:00.0	J2000.00	1.073	180.1	04:47:26.5	599.5	V	Harris		1 x 1
268148	f_71 V	22:05:00.00	+27:05:59.9	J2000.00	1.092	180.1	04:58:46.4	599.4	V	Harris		1 x 1
268149	f_71 V	22:04:59.99	+27:06:00.0	J2000.00	1.114	180.1	05:10:06.5	599.4	V	Harris		1 x 1
268150	NGC7319	22:33:46.00	+33:42:59.2	J1950.00	1.094	180.1	05:36:46.5	60.0	Halpha	Narrow-ban		1 x 1
268151	Flat field	2:58:00.00	-00:06:00.0	J2000.00	1.411	180.1	05:44:25.9	104.1	V	Harris		1 x 1
268152	Flat field	2:58:01.33	-00:05:39.9	J2000.00	1.397	180.1	05:47:53.0	53.8	V	Harris		1 x 1
268154	Flat field	2:57:58.66	-00:06:19.8	J2000.00	1.386	180.1	05:50:36.5	31.4	V	Harris		1 x 1
268155	Flat field	2:58:02.66	-00:05:19.9	J2000.00	1.380	180.1	05:52:17.0	22.2	V	Harris		1 x 1
268156	Flat field	2:57:57.33	-00:06:40.0	J2000.00	1.373	180.1	05:54:00.5	14.3	V	Harris		1 x 1
268157	Flat field	2:58:00.00	-00:06:00.0	J2000.00	1.362	180.1	05:56:09.0	91.1	Halpha	Narrow-ban		1 x 1
268158	Flat field	2:58:01.33	-00:05:40.0	J2000.00	1.353	180.1	05:59:01.1	47.2	Halpha	Narrow-ban	1	1 x 1
268159	Flat field	2:57:58.66	-00:06:20.0	J2000.00	1.346	180.1	06:00:56.5	30.6	Halpha	Narrow-ban	1	1 x 1
268160	Flat field	2:58:02.66	-00:05:19.9	J2000.00	1.338	180.1	06:03:22.9	16.3	Halpha	Narrow-ban	1	1 x 1
268161	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.207	180.1	06:36:01.9	0.0	Halpha	Narrow-ban	1	1 x 1
268162	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.207	180.1	06:36:55.9	0.0	Halpha	Narrow-ban	1	1 x 1
268163	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.207	180.1	06:37:50.9	0.0	Halpha	Narrow-ban	1	1 x 1
268164	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.207	180.1	06:38:43.9	0.0	Halpha	Narrow-ban	1	1 x 1
268165	Bias	0:00:00.00	+00:00:00.0	J2000.00	4.207	180.1	06:39:36.8	0.0	Halpha	Narrow-ban	1	1 x 1