INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:            INT
DATE:                 20000626
TAPE NR:              INTD4418
OBSERVER:             M. Irwin, S. Hodgkin, R. Sharp
PROGRAMME:            The Wideangle Survey
PATT/CAT REF.:        WFS9
TELESCOPE OPERATOR:   STH,MJI
SUPPORT ASTRONOMER:

TELESCOPE FOCUS:      46 mm
CALIBRATE RESULTS:    HI 32.6 +/- 4.43, DI -75.39 +/- 1.36, HC 54.33 +/- 3.43, Sky sigma 3.34

INSTRUMENT:           WFC

WFC FILTER WHEEL:     r,Z,i,g,U,KPB

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) 0.8
                      (2nd half) 0.8

DOME OPENED (UT):     20:30

METEOROLOGICAL PARAMETERS
 UT     AirT  Hum%  Wspd  Gust  Wdir  Press LocT IntT  Mirr  LocRH IntRH

SUNSET(UT)            20:21
EVENING TWILIGHT(UT)  21:48
MORNING TWILIGHT(UT)  04:41
SUNRISE(UT)           06:07
MOON'S QUARTER (1-4)  4
DISK % OF ILLUM.      23
DARK TIME             06:53
TWILIGHT TIME         02:53
MOONRISE(UT)          02:31
MOONSET(UT)           No moonset within sunset-sunrise

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

COMMENTS:
  Photometric all night and sub-arcsec seeing
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Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys Channel	Binning	Comments
219863	Bias frame	0:00:00.00	+00:00:00.0	A	1.138	180.0	18:52:03.0	0.0	U	RGO	1 x 1	
219864	Bias frame	0:00:00.00	+00:00:00.0	A	1.138	180.0	18:52:49.1	0.0	U	RGO	1 x 1	
219865	Bias frame	0:00:00.00	+00:00:00.0	A	1.138	180.0	18:53:35.8	0.0	U	RGO	1 x 1	
219866	Bias frame	0:00:00.00	+00:00:00.0	A	1.138	180.0	18:54:22.1	0.0	U	RGO	1 x 1	
219867	Bias frame	0:00:00.00	+00:00:00.0	A	1.138	180.0	18:55:10.1	0.0	U	RGO	1 x 1	
219868	Flat field	13:04:35.99	+29:50:59.8	J2000.00	1.010	180.0	20:32:29.2	2.4	U	RGO	1 x 1	10k counts
219869	Flat field	13:04:36.00	+29:51:30.2	J2000.00	1.011	180.0	20:33:48.0	6.1	U	RGO	1 x 1	35k counts
219870	Flat field	13:04:36.00	+29:51:30.0	J2000.00	1.012	180.0	20:35:52.3	5.1	z	Gunn	1 x 1	45k too bright
219871	Flat field	13:04:38.30	+29:50:59.9	J2000.00	1.013	180.0	20:37:04.0	5.1	z	Gunn	1 x 1	

219872	Flat field	13:04:38.30	+29:51:00.0	J2000.00	1.014	180.0	20:38:25.6	7.1	z	Gunn	1 x 1	
219873	Flat field	13:04:38.30	+29:50:59.9	J2000.00	1.015	180.0	20:39:47.5	4.6	i	Sloan	1 x 1	45k too bright
219874	Flat field	13:04:33.69	+29:50:30.0	J2000.00	1.016	180.0	20:41:25.8	5.1	i	Sloan	1 x 1	
219875	Flat field	13:04:33.69	+29:50:30.0	J2000.00	1.017	180.0	20:42:53.6	7.1	i	Sloan	1 x 1	
219876	Flat field	13:04:33.69	+29:50:30.0	J2000.00	1.018	180.0	20:44:43.9	11.1	r	Sloan	1 x 1	
219877	Flat field	13:04:38.30	+29:51:29.9	J2000.00	1.020	180.0	20:46:33.9	17.1	r	Sloan	1 x 1	
219878	Flat field	13:04:38.30	+29:51:29.9	J2000.00	1.021	180.0	20:48:42.3	22.1	g	Sloan	1 x 1	
219879	Flat field	13:04:38.30	+29:51:29.9	J2000.00	1.023	180.0	20:50:29.9	25.1	g	Sloan	1 x 1	
219880	Flat field	13:04:38.30	+29:51:29.9	J2000.00	1.025	180.0	20:52:45.0	30.1	B	Kitt Peak	1 x 1	
219881	Flat field	13:04:38.30	+29:51:29.9	J2000.00	1.027	180.0	20:54:44.1	55.1	B	Kitt Peak	1 x 1	
219882	Focus run	12:42:21.00	-00:38:57.9	J2000.00	1.252	180.0	21:07:31.7	10.1	r	Sloan	1 x 1	best 45.99mm
219883	sa104-334 U	12:42:21.00	-00:40:28.0	J2000.00	1.272	180.0	21:14:17.2	20.1	U	RGO	1 x 1	
219884	sa104-334 g	12:42:20.99	-00:40:27.9	J2000.00	1.275	180.0	21:15:38.0	10.1	g	Sloan	1 x 1	
219885	sa104-334 i	12:42:21.00	-00:40:28.0	J2000.00	1.278	180.0	21:16:49.4	10.1	i	Sloan	1 x 1	
219886	sa104-334 r	12:42:21.00	-00:40:28.0	J2000.00	1.282	180.0	21:17:59.9	10.1	r	Sloan	1 x 1	
219887	sa104-334 Z	12:42:20.99	-00:40:27.9	J2000.00	1.285	180.0	21:19:10.1	10.1	z	Gunn	1 x 1	
219888	WFSJ1637+4116_043	16:41:02.00	+41:55:59.6	J2000.00	1.134	180.0	21:23:04.6	599.5	g	Sloan	1 x 1	
219889	wfsj1637+4116_017	16:32:56.80	+42:15:59.9	J2000.00	1.100	180.0	21:36:03.8	599.4	i	Sloan	1 x 1	
219890	wfsj1637+4116_017	16:32:56.80	+42:15:59.9	J2000.00	1.085	180.0	21:47:10.8	599.5	r	Sloan	1 x 1	
219891	wfsj1637+4116_017	16:32:56.80	+42:16:00.0	J2000.00	1.071	180.0	21:58:16.9	599.4	z	Gunn	1 x 1	
219892	wfsj1637+4116_017	16:32:56.80	+42:16:00.0	J2000.00	1.060	180.0	22:09:23.0	599.3	g	Sloan	1 x 1	
219893	wfsj1637+4116_026	16:35:38.89	+42:15:59.9	J2000.00	1.050	180.0	22:24:23.4	599.6	i	Sloan	1 x 1	
219894	wfsj1637+4116_026	16:35:38.90	+42:16:00.0	J2000.00	1.042	180.0	22:35:29.6	599.4	r	Sloan	1 x 1	
219895	wfsj1637+4116_026	16:35:38.90	+42:16:00.0	J2000.00	1.036	180.0	22:46:37.0	599.5	z	Gunn	1 x 1	
219896	wfsj1637+4116_026	16:35:38.90	+42:16:00.0	J2000.00	1.032	180.0	22:57:49.6	599.0	g	Sloan	1 x 1	
219897	wfsj1637+4116_035	16:38:21.09	+42:15:59.9	J2000.00	1.029	180.0	23:11:45.4	599.5	i	Sloan	1 x 1	
219898	wfsj1637+4116_035	16:38:21.10	+42:16:00.0	J2000.00	1.028	180.0	23:22:52.5	599.7	r	Sloan	1 x 1	
219899	wfsj1637+4116_035	16:38:21.10	+42:16:00.0	J2000.00	1.029	180.0	23:33:59.0	599.5	z	Gunn	1 x 1	
219900	wfsj1637+4116_035	16:38:21.09	+42:15:59.9	J2000.00	1.032	180.0	23:45:05.6	599.3	g	Sloan	1 x 1	
219901	sa107-602 U	15:39:19.00	-00:15:28.9	J2000.00	1.241	180.0	00:00:30.0	20.1	U	RGO	1 x 1	
219902	sa107-602 g	15:39:19.00	-00:15:28.9	J2000.00	1.244	180.0	00:01:51.8	10.1	g	Sloan	1 x 1	
219903	sa107-602 i	15:39:19.00	-00:15:28.9	J2000.00	1.247	180.0	00:03:08.8	10.1	i	Sloan	1 x 1	
219904	sa107-602 r	15:39:19.00	-00:15:29.0	J2000.00	1.249	180.0	00:04:20.3	10.1	r	Sloan	1 x 1	
219905	sa107-602 Z	15:39:19.00	-00:15:28.9	J2000.00	1.252	180.0	00:05:31.3	10.1	z	Gunn	1 x 1	
219906	Focus run	16:41:03.20	+42:17:30.0	J2000.00	1.039	180.0	00:11:15.9	10.1	r	Sloan	1 x 1	
219907	wfsj1637+4116_044	16:41:03.19	+42:15:59.9	J2000.00	1.045	180.0	00:16:28.6	599.5	i	Sloan	1 x 1	
219908	wfsj1637+4116_044	16:41:03.19	+42:16:00.0	J2000.00	1.054	180.0	00:27:36.8	599.5	r	Sloan	1 x 1	
219909	wfsj1637+4116_044	16:41:03.20	+42:16:00.0	J2000.00	1.065	180.0	00:39:31.9	599.4	z	Gunn	1 x 1	
219910	wfsj1637+4116_044	16:41:03.19	+42:16:00.0	J2000.00	1.077	180.0	00:50:42.5	599.5	g	Sloan	1 x 1	
219911	WFSJ1637+4116_044	16:41:03.19	+42:16:00.0	J2000.00	1.093	180.0	01:02:58.5	599.4	U	RGO	1 x 1	
219912	wfsj1637+4116_045	16:41:04.49	+42:35:59.9	J2000.00	1.114	180.0	01:16:28.6	599.4	i	Sloan	1 x 1	
219913	wfsj1637+4116_045	16:41:04.50	+42:35:59.9	J2000.00	1.134	180.0	01:27:36.3	599.6	r	Sloan	1 x 1	
219914	wfsj1637+4116_045	16:41:04.50	+42:35:59.9	J2000.00	1.155	180.0	01:38:44.5	599.5	z	Gunn	1 x 1	
219915	wfsj1637+4116_045	16:41:04.50	+42:35:59.9	J2000.00	1.180	180.0	01:50:01.0	599.4	g	Sloan	1 x 1	
219916	WFSJ1637+4116_045	16:41:04.50	+42:35:59.9	J2000.00	1.211	180.0	02:02:42.2	599.4	U	RGO	1 x 1	
219917	wfsj1637+4116_036	16:38:21.49	+42:36:00.2	J2000.00	1.256	180.0	02:15:40.3	599.4	i	Sloan	1 x 1	
219918	wfsj1637+4116_036	16:38:21.50	+42:36:00.0	J2000.00	1.291	180.0	02:26:48.9	599.6	r	Sloan	1 x 1	
219919	wfsj1637+4116_036	16:38:21.50	+42:35:59.9	J2000.00	1.331	180.0	02:37:56.3	599.5	z	Gunn	1 x 1	
219920	wfsj1637+4116_036	16:38:21.49	+42:36:00.0	J2000.00	1.375	180.0	02:49:05.7	599.4	g	Sloan	1 x 1	
219921	WFSJ1637+4116_036	16:38:21.49	+42:36:00.0	J2000.00	1.428	180.0	03:01:09.6	599.6	U	RGO	1 x 1	
219922	DRACO	17:19:29.99	+57:57:59.8	B1950.00	1.386	180.0	03:15:30.8	599.5	r	Sloan	1 x 1	
219923	DRACO	17:19:30.00	+57:58:00.0	B1950.00	1.420	180.0	03:26:48.5	599.5	g	Sloan	1 x 1	
219924	DRACO	17:19:30.00	+57:57:59.9	B1950.00	1.460	180.0	03:38:50.4	599.5	U	RGO	1 x 1	
219925	sa113-163 U	21:42:35.00	+00:16:46.0	J2000.00	1.154	180.0	03:52:15.7	20.1	U	RGO	1 x 1	
219926	sa113-163 g	21:42:35.00	+00:16:45.9	J2000.00	1.153	180.0	03:53:37.9	10.1	g	Sloan	1 x 1	
219927	sa113-163 i	21:42:35.00	+00:16:46.0	J2000.00	1.152	180.0	03:54:49.6	9.6	i	Sloan	1 x 1	
219928	sa113-163 r	21:42:34.99	+00:16:45.9	J2000.00	1.151	180.0	03:56:01.9	10.1	r	Sloan	1 x 1	
219929	sa113-163 Z	21:42:35.00	+00:16:46.0	J2000.00	1.150	180.0	03:57:13.0	10.1	z	Gunn	1 x 1	
219930	Focus run	22:43:12.00	+00:21:29.9	J2000.00	1.228	180.0	04:03:47.6	10.1	r	Sloan	1 x 1	
219931	WFSJ2240+0000_042	22:43:11.99	+00:20:00.0	J2000.00	1.207	180.0	04:08:42.5	599.3	z	Gunn	1 x 1	
219932	WFSJ2240+0000_044	22:43:12.00	+00:59:59.9	J2000.00	1.178	180.0	04:21:21.1	599.4	z	Gunn	1 x 1	
219933	WFSJ2240+0000_045	22:43:12.10	+01:20:00.0	J2000.00	1.150	180.0	04:40:43.7	599.5	z	Gunn	1 x 1	

219934	WFSJ2240+0000_046	22:45:20.10	-01:20:00.0	J2000.00	1.169	180.0	04:54:37.7	599.6	z	Gunn	1 x 1
219935	sa113-163 U	21:42:35.00	+00:16:45.9	J2000.00	1.151	180.0	05:06:21.5	20.1	U	RGO	1 x 1
219936	sa113-163 g	21:42:34.99	+00:16:45.9	J2000.00	1.152	180.0	05:07:45.2	10.1	g	Sloan	1 x 1
219937	sa113-163 i	21:42:34.99	+00:16:46.0	J2000.00	1.153	180.0	05:08:58.8	10.1	i	Sloan	1 x 1
219938	sa113-163 r	21:42:35.00	+00:16:45.9	J2000.00	1.154	180.0	05:10:11.8	10.1	r	Sloan	1 x 1
219939	sa113-163 Z	21:42:35.00	+00:16:46.0	J2000.00	1.155	180.0	05:11:42.9	10.1	z	Gunn	1 x 1