INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:            INT
DATE:                 20000625
TAPE NR:              INTD4417
OBSERVER:             M. Irwin, S. Hodgkin, R. Sharp
PROGRAMME:            The Wideangle Survey
PATT/CAT REF.:        WFS9
TELESCOPE OPERATOR:   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) 0.9

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.      32
DARK TIME             06:53
TWILIGHT TIME         02:53
MOONRISE(UT)          01:54
MOONSET(UT)           No moonset within sunset-sunrise

TIME LOST(WEATHER):   00:00
TIME LOST(TECHNICAL): 00:20
TIME LOST(OTHER):     00:00

COMMENTS:
  Time lost due to Telescope RA oscillation & camlinkdown problem
  Photometric all night
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Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys Channel	Binning	Comments
219751	File not available											
219752	File not available											
219753	File not available											
219754	File not available											
219755	File not available											
219756	File not available											
219757	Flat field	13:04:33.99	+29:50:59.8	B1950.00	1.007	180.0	20:32:41.2	2.2	U	RGO	1 x 1	
219758	Flat field	13:04:36.31	+29:51:29.4	B1950.00	1.008	180.0	20:33:56.2	5.1	U	RGO	1 x 1	
219759	Flat field	13:04:38.61	+29:51:59.5	B1950.00	1.009	180.0	20:35:32.0	8.1	U	RGO	1 x 1	

219760	Flat field	13:04:38.61	+29:51:59.9	B1950.00	1.009	180.0	20:37:05.0	5.1	z	Gunn	1 x 1
219761	Flat field	13:04:36.30	+29:51:30.0	B1950.00	1.010	180.0	20:38:27.3	8.1	z	Gunn	1 x 1
219762	Flat field	13:04:36.30	+29:51:30.0	B1950.00	1.011	180.0	20:40:38.8	3.1	i	Sloan	1 x 1
219763	Flat field	13:04:34.00	+29:50:59.9	B1950.00	1.012	180.0	20:42:02.5	5.1	i	Sloan	1 x 1
219764	Flat field	13:04:34.00	+29:50:59.9	B1950.00	1.013	180.0	20:43:46.6	9.1	r	Sloan	1 x 1
219765	Flat field	13:04:34.00	+29:51:00.0	B1950.00	1.014	180.0	20:45:06.2	14.1	r	Sloan	1 x 1
219766	Flat field	13:04:33.99	+29:51:00.0	B1950.00	1.015	180.0	20:46:36.9	10.1	g	Sloan	1 x 1
219767	Flat field	13:04:38.61	+29:51:59.9	B1950.00	1.016	180.0	20:48:02.2	15.1	g	Sloan	1 x 1
219768	Flat field	13:04:38.61	+29:51:59.9	B1950.00	1.017	180.0	20:49:20.9	25.1	B	Kitt Peak	1 x 1
219769	Flat field	13:04:33.99	+29:50:59.9	B1950.00	1.019	180.0	20:51:01.6	39.6	B	Kitt Peak	1 x 1
219772	Focus run	12:42:21.00	-00:38:57.9	J2000.00	1.291	180.0	21:26:15.9	10.1	r	Sloan	1 x 1
219773	sa104-334 U	12:42:21.00	-00:40:27.9	J2000.00	1.310	180.0	21:31:28.0	20.1	U	RGO	1 x 1
219774	sa104-334 g	12:42:20.99	-00:40:27.9	J2000.00	1.314	180.0	21:32:50.3	10.1	g	Sloan	1 x 1
219775	sa104-334 i	12:42:21.00	-00:40:28.0	J2000.00	1.318	180.0	21:34:02.5	10.1	i	Sloan	1 x 1
219776	sa104-334 r	12:42:21.00	-00:40:28.0	J2000.00	1.322	180.0	21:35:14.1	10.1	r	Sloan	1 x 1
219777	sa104-334 Z	12:42:20.99	-00:40:28.0	J2000.00	1.326	180.0	21:36:24.7	9.6	z	Gunn	1 x 1
219778	LOCKMAN	10:53:23.10	+57:32:56.9	J2000.00	1.558	180.0	21:42:36.0	599.5	U	RGO	1 x 1
219779	LOCKMAN	10:53:23.10	+57:32:57.0	J2000.00	1.608	180.0	21:53:51.6	598.9	g	Sloan	1 x 1
219780	LOCKMAN	10:53:23.10	+57:32:56.9	J2000.00	1.666	180.0	22:05:35.1	599.4	z	Gunn	1 x 1
219781	WFSNGC136	14:30:00.01	-00:00:00.0	J2000.00	1.180	180.0	22:18:54.3	599.4	r	Sloan	1 x 1
219782	sa107-602 U	15:39:18.99	-00:15:29.0	J2000.00	1.143	180.0	22:30:43.5	20.1	U	RGO	1 x 1
219783	sa107-602 g	15:39:19.00	-00:15:28.9	J2000.00	1.143	180.0	22:32:04.3	10.1	g	Sloan	1 x 1
219784	sa107-602 i	15:39:19.00	-00:15:29.0	J2000.00	1.143	180.0	22:33:15.6	10.1	i	Sloan	1 x 1
219785	sa107-602 r	15:39:19.00	-00:15:29.0	J2000.00	1.143	180.0	22:34:27.0	10.1	r	Sloan	1 x 1
219786	sa107-602 Z	15:39:19.00	-00:15:28.9	J2000.00	1.143	180.0	22:35:38.4	10.1	z	Gunn	1 x 1
219787	wfsj1637+4116_012	16:33:02.90	+40:36:00.0	J2000.00	1.034	180.0	22:40:00.7	599.4	i	Sloan	1 x 1
219789	WFSJ1637+4116_012	16:33:02.90	+40:35:59.9	J2000.00	1.026	180.0	22:56:53.2	599.4	r	Sloan	1 x 1
219790	WFSJ1637+4116_012	16:33:02.90	+40:36:00.0	J2000.00	1.023	180.0	23:08:15.2	599.5	z	Gunn	1 x 1
219791	WFSJ1637+4116_012	16:33:02.90	+40:35:59.9	J2000.00	1.022	180.0	23:19:41.0	599.5	g	Sloan	1 x 1
219792	Focus run	16:33:02.90	+40:37:30.3	J2000.00	1.022	180.0	23:33:00.9	10.1	r	Sloan	1 x 1
219793	Focus run	16:33:02.89	+40:37:29.9	J2000.00	1.023	180.0	23:39:55.8	10.1	r	Sloan	1 x 1
219794	WFSJ1637+4116_012	16:33:02.90	+40:36:00.0	J2000.00	1.025	180.0	23:45:42.0	599.5	U	RGO	1 x 1
219795	wfsj1637+4116_016	16:32:58.00	+41:56:00.0	J2000.00	1.036	180.0	23:58:33.9	599.5	i	Sloan	1 x 1
219796	wfsj1637+4116_016	16:32:57.99	+41:56:00.0	J2000.00	1.042	180.0	00:09:47.0	599.4	r	Sloan	1 x 1
219797	wfsj1637+4116_016	16:32:57.99	+41:56:00.0	J2000.00	1.050	180.0	00:20:54.9	599.3	z	Gunn	1 x 1
219800	WFSJ1637+4116_016	16:32:58.00	+41:56:00.0	J2000.00	1.066	180.0	00:37:25.1	599.5	g	Sloan	1 x 1
219801	WFSJ1637+4116_016	16:32:58.00	+41:55:59.9	J2000.00	1.079	180.0	00:49:23.8	599.5	U	RGO	1 x 1
219802	WFSJ1637+4116_025	16:35:39.30	+41:55:59.9	J2000.00	1.093	180.0	01:02:10.9	599.3	U	RGO	1 x 1
219803	WFSJ1637+4116_025	16:35:39.30	+41:55:59.9	J2000.00	1.109	180.0	01:13:23.6	599.4	g	Sloan	1 x 1
219804	WFSJ1637+4116_034	16:38:20.69	+41:55:59.8	J2000.00	1.126	180.0	01:25:43.2	599.5	U	RGO	1 x 1
219805	WFSJ1637+4116_034	16:38:20.69	+41:55:59.9	J2000.00	1.147	180.0	01:37:02.2	599.5	g	Sloan	1 x 1
219806	wfsj1637+4116_034	16:38:20.69	+41:56:00.1	J2000.00	1.174	180.0	01:49:39.2	599.4	i	Sloan	1 x 1
219807	wfsj1637+4116_034	16:38:20.70	+41:55:59.9	J2000.00	1.201	180.0	02:00:46.3	599.5	r	Sloan	1 x 1
219808	wfsj1637+4116_034	16:38:20.70	+41:56:00.0	J2000.00	1.231	180.0	02:11:53.0	599.4	z	Gunn	1 x 1
219809	wfsj1637+4116_025	16:35:39.30	+41:56:00.2	J2000.00	1.277	180.0	02:24:11.2	599.5	i	Sloan	1 x 1
219810	wfsj1637+4116_025	16:35:39.30	+41:55:59.9	J2000.00	1.316	180.0	02:35:29.3	599.4	r	Sloan	1 x 1
219811	wfsj1637+4116_025	16:35:39.29	+41:56:00.0	J2000.00	1.360	180.0	02:46:41.4	599.4	z	Gunn	1 x 1
219812	sa113-163 U	21:42:34.99	+00:16:46.0	J2000.00	1.245	180.0	02:59:24.4	20.1	U	RGO	1 x 1
219813	sa113-163 g	21:42:35.00	+00:16:46.0	J2000.00	1.242	180.0	03:00:45.4	10.1	g	Sloan	1 x 1
219814	sa113-163 i	21:42:34.99	+00:16:46.0	J2000.00	1.239	180.0	03:01:56.9	10.1	i	Sloan	1 x 1
219815	sa113-163 r	21:42:34.99	+00:16:46.0	J2000.00	1.237	180.0	03:03:08.8	10.1	r	Sloan	1 x 1
219816	sa113-163 Z	21:42:35.00	+00:16:46.0	J2000.00	1.234	180.0	03:04:20.7	10.1	z	Gunn	1 x 1
219817	wfsj1637+4116_043	16:41:02.00	+41:56:00.0	J2000.00	1.434	180.0	03:08:56.5	599.4	i	Sloan	1 x 1
219818	wfsj1637+4116_043	16:41:02.00	+41:55:59.9	J2000.00	1.490	180.0	03:20:03.6	599.5	r	Sloan	1 x 1
219819	wfsj1637+4116_043	16:41:02.00	+41:55:59.9	J2000.00	1.553	180.0	03:31:10.2	599.4	z	Gunn	1 x 1
219820	WFSJ2240+0000_028	22:41:04.00	-01:19:59.9	J2000.00	1.284	180.0	03:46:22.8	599.6	z	Gunn	1 x 1
219821	WFSJ2240+0000_029	22:41:04.00	-00:59:59.9	J2000.00	1.236	180.0	04:04:18.4	599.4	z	Gunn	1 x 1
219822	WFSJ2240+0000_037	22:43:12.09	-01:20:00.2	J2000.00	1.216	180.0	04:19:04.3	599.4	z	Gunn	1 x 1
219823	WFSJ2240+0000_038	22:43:12.00	-01:00:00.0	J2000.00	1.191	180.0	04:32:25.3	599.4	z	Gunn	1 x 1
219824	WFSJ2240+0000_040	22:43:11.99	-00:19:59.7	J2000.00	1.168	180.0	04:44:22.5	599.3	z	Gunn	1 x 1
219825	sa113-163 U	21:42:35.00	+00:16:46.0	J2000.00	1.142	180.0	04:56:12.0	20.1	U	RGO	1 x 1
219826	sa113-163 g	21:42:34.99	+00:16:45.9	J2000.00	1.143	180.0	04:57:35.2	10.1	g	Sloan	1 x 1

219827	sa113-163 i	21:42:35.00	+00:16:45.9	J2000.00	1.143	180.0	04:58:46.9	10.1	i	Sloan	1 x 1
219828	sa113-163 r	21:42:34.99	+00:16:45.9	J2000.00	1.144	180.0	04:59:58.2	10.1	r	Sloan	1 x 1
219829	sa113-163 Z	21:42:34.99	+00:16:46.0	J2000.00	1.144	180.0	05:01:09.8	10.1	z	Gunn	1 x 1
219830	Bias frame	21:42:35.00	+00:16:45.9	J2000.00	1.145	180.0	05:02:56.7	0.0	z	Gunn	1 x 1
219831	Bias frame	21:42:35.00	+00:16:45.9	J2000.00	1.146	180.0	05:03:42.9	0.0	z	Gunn	1 x 1
219832	Bias frame	21:42:35.00	+00:16:46.0	J2000.00	1.147	180.0	05:04:41.7	0.0	z	Gunn	1 x 1
219833	Bias frame	21:42:34.99	+00:16:45.9	J2000.00	1.147	180.0	05:05:36.7	0.0	z	Gunn	1 x 1
219834	Bias frame	21:42:35.00	+00:16:46.0	J2000.00	1.148	180.0	05:06:23.3	0.0	z	Gunn	1 x 1