INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:            INT
DATE:                 20000627
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) 0.9

DOME OPENED (UT):     20:20

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

SUNSET(UT)            20:22
EVENING TWILIGHT(UT)  21:48
MORNING TWILIGHT(UT)  04:42
SUNRISE(UT)           06:08
MOON'S QUARTER (1-4)  4
DISK % OF ILLUM.      14
DARK TIME             06:54
TWILIGHT TIME         02:52
MOONRISE(UT)          03:10
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
219949	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	180.0	15:32:01.6	0.0	r	Sloan	1 x 1	
219950	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	180.0	15:33:07.6	0.0	r	Sloan	1 x 1	
219951	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	180.0	15:33:53.7	0.0	r	Sloan	1 x 1	
219952	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	180.0	15:34:40.1	0.0	r	Sloan	1 x 1	
219953	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	180.0	15:35:29.9	0.0	r	Sloan	1 x 1	
219954	Flat field	13:04:59.99	+29:49:59.9	B1950.00	1.011	180.0	20:32:10.3	2.0	U	RGO	1 x 1	8k counts
219955	Flat field	13:05:02.30	+29:50:29.8	B1950.00	1.012	180.0	20:33:51.2	5.1	U	RGO	1 x 1	25k
219956	Flat field	13:05:04.61	+29:51:00.0	B1950.00	1.013	180.0	20:35:12.7	10.1	U	RGO	1 x 1	40k
219957	Flat field	13:05:04.61	+29:51:00.0	B1950.00	1.013	180.0	20:36:39.6	5.1	U	RGO	1 x 1	15k

219958	Flat field	13:05:00.00	+29:50:00.0	B1950.00	1.015	180.0	20:38:16.1	5.1	z	Gunn	1 x 1 17k
219959	Flat field	13:05:02.30	+29:50:30.0	B1950.00	1.015	180.0	20:39:37.8	8.1	z	Gunn	1 x 1 18k
219960	Flat field	13:05:00.00	+29:50:00.0	B1950.00	1.017	180.0	20:41:15.1	4.1	i	Sloan	1 x 1 25k
219961	Flat field	13:05:03.48	+29:50:45.0	B1950.00	1.018	180.0	20:42:44.8	6.1	i	Sloan	1 x 1 24k
219962	Flat field	13:05:00.00	+29:50:00.0	B1950.00	1.019	180.0	20:44:27.5	12.1	r	Sloan	1 x 1 26k
219963	Flat field	13:05:02.30	+29:50:29.9	B1950.00	1.020	180.0	20:46:17.5	20.1	r	Sloan	1 x 1 26k
219964	Flat field	13:05:00.00	+29:50:00.0	B1950.00	1.022	180.0	20:48:16.0	17.1	g	Sloan	1 x 1 25k
219965	Flat field	13:05:02.30	+29:50:30.0	B1950.00	1.024	180.0	20:50:01.8	25.1	g	Sloan	1 x 1 24k
219966	Flat field	13:05:02.30	+29:50:29.9	B1950.00	1.025	180.0	20:51:44.1	25.1	B	Kitt Peak	1 x 1 15k
219967	Flat field	13:05:00.00	+29:49:59.9	B1950.00	1.027	180.0	20:53:25.0	40.1	B	Kitt Peak	1 x 1 16k
219968	Focus run	12:42:21.00	-00:38:57.9	J2000.00	1.258	180.0	21:06:00.6	10.1	B	Kitt Peak	1 x 1
219969	sa104-334 U	12:42:21.00	-00:40:27.9	J2000.00	1.278	180.0	21:12:49.6	20.1	U	RGO	1 x 1
219970	sa104-334 g	12:42:21.00	-00:40:28.0	J2000.00	1.282	180.0	21:14:11.6	10.1	g	Sloan	1 x 1
219971	sa104-334 i	12:42:20.99	-00:40:27.9	J2000.00	1.285	180.0	21:15:23.3	10.1	i	Sloan	1 x 1
219972	sa104-334 r	12:42:21.00	-00:40:28.0	J2000.00	1.289	180.0	21:16:34.5	10.1	r	Sloan	1 x 1
219973	sa104-334 Z	12:42:20.99	-00:40:27.9	J2000.00	1.292	180.0	21:17:44.9	10.1	z	Gunn	1 x 1
219974	Focus run	16:35:38.49	+42:37:29.9	J2000.00	1.129	180.0	21:23:37.9	10.1	r	Sloan	1 x 1
219975	wfsj1637+4116_027	16:35:38.49	+42:35:59.9	J2000.00	1.108	180.0	21:30:26.7	599.4	i	Sloan	1 x 1
219976	wfsj1637+4116_027	16:35:38.49	+42:36:00.0	J2000.00	1.091	180.0	21:41:51.8	599.5	r	Sloan	1 x 1
219977	wfsj1637+4116_027	16:35:38.49	+42:36:00.0	J2000.00	1.077	180.0	21:53:17.5	599.5	z	Gunn	1 x 1
219978	wfsj1637+4116_027	16:35:38.49	+42:36:00.0	J2000.00	1.065	180.0	22:04:44.1	599.4	g	Sloan	1 x 1
219979	WFSJ1637+4116_027	16:35:38.50	+42:36:00.0	J2000.00	1.054	180.0	22:16:10.1	599.4	U	RGO	1 x 1
219980	wfsj1637+4116_018	16:32:55.50	+42:35:59.9	J2000.00	1.043	180.0	22:29:20.6	599.5	i	Sloan	1 x 1
219981	wfsj1637+4116_018	16:32:55.50	+42:35:59.9	J2000.00	1.037	180.0	22:40:46.6	599.6	r	Sloan	1 x 1
219982	wfsj1637+4116_018	16:32:55.50	+42:35:59.9	J2000.00	1.033	180.0	22:52:12.2	599.5	z	Gunn	1 x 1
219983	wfsj1637+4116_018	16:32:55.50	+42:35:59.9	J2000.00	1.031	180.0	23:03:36.4	599.5	g	Sloan	1 x 1
219984	WFSJ1637+4116_018	16:32:55.50	+42:36:00.0	J2000.00	1.030	180.0	23:16:32.7	599.0	U	RGO	1 x 1
219985	wfsj1637+4116_038	16:40:55.90	+40:16:00.1	J2000.00	1.021	180.0	23:29:35.3	599.5	i	Sloan	1 x 1
219986	wfsj1637+4116_038	16:40:55.90	+40:16:00.0	J2000.00	1.023	180.0	23:41:07.5	599.5	r	Sloan	1 x 1
219987	wfsj1637+4116_038	16:40:55.90	+40:16:00.0	J2000.00	1.027	180.0	23:52:34.8	599.5	z	Gunn	1 x 1
219988	wfsj1637+4116_038	16:40:55.90	+40:16:00.0	J2000.00	1.032	180.0	00:03:59.2	599.5	g	Sloan	1 x 1
219989	wfsj1637+4116_029	16:38:18.60	+40:16:00.0	J2000.00	1.042	180.0	00:16:05.1	599.5	i	Sloan	1 x 1
219990	wfsj1637+4116_029	16:38:18.60	+40:15:59.9	J2000.00	1.052	180.0	00:27:30.1	599.4	r	Sloan	1 x 1
219991	wfsj1637+4116_029	16:38:18.60	+40:16:00.0	J2000.00	1.064	180.0	00:38:56.4	599.5	z	Gunn	1 x 1
219992	wfsj1637+4116_029	16:38:18.59	+40:16:00.0	J2000.00	1.078	180.0	00:50:24.0	599.5	g	Sloan	1 x 1
219993	WFSJ1637+4116_029	16:38:18.60	+40:15:59.9	J2000.00	1.095	180.0	01:02:06.0	599.5	U	RGO	1 x 1
219994	wfsj1637+4116_020	16:35:41.39	+40:15:59.9	J2000.00	1.120	180.0	01:14:53.6	599.5	i	Sloan	1 x 1
219995	wfsj1637+4116_020	16:35:41.40	+40:16:00.0	J2000.00	1.142	180.0	01:26:20.2	599.4	r	Sloan	1 x 1
219996	wfsj1637+4116_020	16:35:41.40	+40:16:00.1	J2000.00	1.167	180.0	01:37:46.2	599.5	z	Gunn	1 x 1
219997	wfsj1637+4116_020	16:35:41.40	+40:16:00.0	J2000.00	1.195	180.0	01:49:13.6	599.5	g	Sloan	1 x 1
219998	Focus run	16:33:04.09	+40:17:29.9	J2000.00	1.228	180.0	02:04:33.7	10.1	r	Sloan	1 x 1
219999	wfsj1637+4116_011	16:33:04.10	+40:16:00.0	J2000.00	1.262	180.0	02:09:40.6	599.1	i	Sloan	1 x 1
220000	wfsj1637+4116_011	16:33:04.09	+40:16:00.1	J2000.00	1.301	180.0	02:21:16.5	599.4	r	Sloan	1 x 1
220001	wfsj1637+4116_011	16:33:04.09	+40:16:00.0	J2000.00	1.345	180.0	02:32:44.4	599.4	z	Gunn	1 x 1
220002	wfsj1637+4116_011	16:33:04.10	+40:15:59.9	J2000.00	1.394	180.0	02:44:09.1	599.5	g	Sloan	1 x 1
220003	WFSJ1637+4116_011	16:33:04.09	+40:15:59.9	J2000.00	1.447	180.0	02:55:23.9	599.4	U	RGO	1 x 1
220004	sa113-163 U	21:42:35.00	+00:16:45.9	J2000.00	1.207	180.0	03:09:33.9	20.1	U	RGO	1 x 1
220005	sa113-163 g	21:42:35.00	+00:16:45.9	J2000.00	1.204	180.0	03:10:58.1	10.1	g	Sloan	1 x 1
220006	sa113-163 i	21:42:35.00	+00:16:46.0	J2000.00	1.202	180.0	03:12:09.9	10.1	i	Sloan	1 x 1
220007	sa113-163 r	21:42:34.99	+00:16:45.9	J2000.00	1.200	180.0	03:13:21.8	10.1	r	Sloan	1 x 1
220008	sa113-163 Z	21:42:34.99	+00:16:45.9	J2000.00	1.198	180.0	03:14:33.3	10.1	z	Gunn	1 x 1
220009	Focus run	21:42:34.99	+00:18:15.9	J2000.00	1.193	180.0	03:18:21.7	10.1	z	Gunn	1 x 1
220010	wfsj2240+0000_001	22:34:39.90	-01:20:00.1	J2000.00	1.306	180.0	03:24:39.4	599.3	i	Sloan	1 x 1
220011	wfsj2240+0000_001	22:34:39.90	-01:19:59.9	J2000.00	1.273	180.0	03:36:13.1	599.4	r	Sloan	1 x 1
220012	WFSJ2240+0000_002	22:34:40.00	-00:59:59.8	J2000.00	1.238	180.0	03:49:16.6	598.8	r	Sloan	1 x 1
220013	Focus run	22:36:47.90	-01:18:29.9	J2000.00	1.228	180.0	04:03:44.7	10.1	r	Sloan	1 x 1
220014	WFSJ2240+0000_010	22:36:47.90	-01:17:00.4	J2000.00	1.212	180.0	04:07:02.6	598.9	r	Sloan	1 x 1
220015	WFSJ2240+0000_011	22:36:48.00	-00:59:59.7	J2000.00	1.189	180.0	04:19:43.7	599.0	r	Sloan	1 x 1
220016	WFSJ2240+0000_011	22:36:47.99	-00:59:59.9	J2000.00	1.175	180.0	04:31:10.3	599.5	i	Sloan	1 x 1
220017	WFSJ2240+0000_019	22:38:56.00	-01:20:00.1	J2000.00	1.170	180.0	04:43:08.7	598.9	r	Sloan	1 x 1
220018	WFSJ2240+0000_019	22:38:56.00	-01:20:00.1	J2000.00	1.162	180.0	04:54:39.8	599.5	i	Sloan	1 x 1
220019	sa113-163 U	21:42:35.00	+00:16:46.0	J2000.00	1.154	180.0	05:06:43.7	20.1	U	RGO	1 x 1

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220020 sa113-163 g        21:42:35.00 +00:16:46.0 J2000.00 1.155 180.0 05:08:05.6     9.6       g      Sloan          1 x 1
220021 sa113-163 i        21:42:35.00 +00:16:46.0 J2000.00 1.156 180.0 05:09:19.7    10.1       i      Sloan          1 x 1
220022 sa113-163 r        21:42:35.00 +00:16:46.0 J2000.00 1.157 180.0 05:10:32.9    10.1       r      Sloan          1 x 1
220023 sa113-163 Z        21:42:35.00 +00:16:46.0 J2000.00 1.159 180.0 05:11:45.8    10.1       z       Gunn          1 x 1
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