INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE:	INT
DATE:	20010215
TAPE NR:	
OBSERVER:	S. Hodgkin, P. Tzanavaris
PROGRAMME:	Wide Angle Survey
PATT/CAT REF.:	WFS9
TELESCOPE OPERATOR:	J. Rey
SUPPORT ASTRONOMER:	none
TELESCOPE FOCUS:	46.15 mm
CALIBRATE RESULTS:	not specified
INSTRUMENT:	WFC
WFC FILTER WHEEL:	U,g,r,i,Z,KPB
WEATHER:	(1st half) good
	(2nd half) good
CLOUD COVER (%):	(1st half) 0
	(2nd half) 0
DUST (0-2):	(1st half) 1
	(2nd half) 1
SEEING (arcsec):	(1st half) 1.0 - 1.2
	(2nd half) 1.0 - 1.2
DOME OPENED (UT):	18:00

METEOROLOGICAL PARAMETERS

LT	AirT	Hum%	Wspd	Gust	Wdir	Press	LocT	IntT	Mirr	LocRH	IntRH
20:00	6.2	12	22.0	23.8	313	770.8	6.6	7.8	10.4	11	11
21:00	6.7	9	18.4	20.1	297	771.3	6.9	7.8	10.3	9	10
22:00	7.3	7	18.6	22.2	310	771.4	7.8	8.0	10.1	6	8
23:00	5.3	12	22.1	24.1	302	771.5	5.5	7.8	10.0	13	13
00:00	4.8	13	21.6	23.5	316	771.3	5.2	6.7	9.6	12	12
01:00	5.4	10	19.0	20.4	321	771.1	5.7	6.8	9.2	10	10
02:00	6.2	8	21.7	22.7	326	770.8	6.3	7.3	8.7	8	9
03:00	6.4	7	18.4	19.3	316	770.3	6.7	7.4	8.7	6	10
04:00	7.1	6	18.9	19.6	301	770.0	7.4	8.1	8.4	5	9
05:00	7.5	5	19.8	20.1	324	769.8	8.1	7.9	8.7	4	6
06:00	7.4	5	15.0	16.4	320	769.8	7.8	7.8	8.6	4	6
07:00	7.5	5	13.0	14.1	318	770.1	8.1	8.1	8.7	4	6

SUNSET(UT)	19:08
EVENING TWILIGHT(UT)	20:21
MORNING TWILIGHT(UT)	06:30
SUNRISE(UT)	07:42
MOON'S QUARTER (1-4)	4
DISK % OF ILLUM.	41
DARK TIME	10:09
TWILIGHT TIME	02:25
MOONRISE(UT)	02:32
MOONSET(UT)	No moonset within sunset-sunrise
TIME LOST(WEATHER):	00:00
TIME LOST(TECHNICAL):	00:00
TIME LOST(OTHER):	00:00

COMMENTS:
No internet connection.

Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys Channel	Binning	Comments
249117	Bias frame	0:00:00.00	+00:00:00.0	J2001.10	4.441	180.0	14:33:18.6	0.0	z	Gunn	1 x 1	
249118	Bias frame	20:00:00.00	+20:00:00.0	A	1.383	180.0	14:38:22.3	0.0	z	Gunn	1 x 1	
249119	Bias	0:00:00.00	+00:00:00.0	A	1.000	180.0	18:27:38.0	0.0	U	RGO	1 x 1	
249120	Bias	0:00:00.00	+00:00:00.0	A	1.000	180.0	18:59:29.8	0.0	U	RGO	1 x 1	
249121	Bias	0:00:00.00	+00:00:00.0	A	1.000	180.0	19:00:17.1	0.0	U	RGO	1 x 1	
249122	Bias	0:00:00.00	+00:00:00.0	A	1.000	180.0	19:00:59.2	0.0	U	RGO	1 x 1	
249123	Bias	0:00:00.00	+00:00:00.0	A	1.000	180.0	19:01:38.4	0.0	U	RGO	1 x 1	
249124	skyflat	2:58:00.00	-00:05:59.9	J2000.00	1.166	180.0	19:13:17.8	2.0	U	RGO	1 x 1	
249125	skyflat	2:58:02.00	-00:05:30.0	J2000.00	1.168	180.0	19:14:49.3	2.1	U	RGO	1 x 1	
249126	skyflat	2:57:58.00	-00:06:30.0	J2000.00	1.169	180.0	19:16:12.7	2.1	U	RGO	1 x 1	
249127	skyflat	2:58:00.00	-00:06:00.0	J2000.00	1.171	180.0	19:17:50.6	1.6	z	Gunn	1 x 1	
249128	skyflat	2:58:01.99	-00:05:29.9	J2000.00	1.173	180.0	19:19:36.6	2.1	z	Gunn	1 x 1	
249129	skyflat	2:57:58.00	-00:06:30.0	J2000.00	1.175	180.0	19:20:52.5	2.1	z	Gunn	1 x 1	
249130	skyflat	2:58:02.00	-00:06:29.9	J2000.00	1.177	180.0	19:22:11.2	3.1	z	Gunn	1 x 1	
249131	skyflat	2:58:00.00	-00:05:59.9	J2000.00	1.178	180.0	19:23:43.5	2.1	g	Sloan	1 x 1	
249132	skyflat	2:58:02.00	-00:05:30.0	J2000.00	1.180	180.0	19:25:08.0	2.1	g	Sloan	1 x 1	
249133	skyflat	2:57:57.99	-00:06:30.1	J2000.00	1.182	180.0	19:26:23.6	1.6	g	Sloan	1 x 1	
249134	skyflat	2:57:58.00	-00:05:30.0	J2000.00	1.184	180.0	19:27:50.4	4.1	g	Sloan	1 x 1	
249135	skyflat	2:58:00.00	-00:05:59.9	J2000.00	1.186	180.0	19:29:15.0	4.1	r	Sloan	1 x 1	
249136	skyflat	2:58:02.00	-00:05:30.0	J2000.00	1.188	180.0	19:30:36.9	8.1	r	Sloan	1 x 1	
249138	skyflat	2:57:57.99	-00:06:30.0	J2000.00	1.193	180.0	19:33:13.4	16.1	r	Sloan	1 x 1	
249139	skyflat	2:58:00.00	-00:05:59.9	J2000.00	1.195	180.0	19:34:58.8	25.1	i	Sloan	1 x 1	
249140	skyflat	2:58:02.00	-00:05:29.9	J2000.00	1.198	180.0	19:36:43.9	38.1	i	Sloan	1 x 1	
249141	skyflat	2:57:58.00	-00:06:29.9	J2000.00	1.202	180.0	19:38:32.1	60.0	i	Sloan	1 x 1	
249142	Focus run	3:54:31.00	+00:31:05.1	J2000.00	1.142	180.0	19:49:31.6	10.1	i	Sloan	1 x 1	
249143	sa95-330 g	3:54:31.00	+00:29:04.9	J2000.00	1.146	180.0	19:54:12.3	10.1	g	Sloan	1 x 1	
249144	sa95-330 r	3:54:31.00	+00:29:04.9	J2000.00	1.147	180.0	19:55:21.4	10.1	r	Sloan	1 x 1	
249145	sa95-330 i	3:54:30.99	+00:29:05.0	J2000.00	1.148	180.0	19:56:28.7	10.1	i	Sloan	1 x 1	
249146	sa95-330 Z	3:54:31.00	+00:29:04.9	J2000.00	1.149	180.0	19:57:36.5	20.1	z	Gunn	1 x 1	
249147	sa95-330 U	3:54:31.00	+00:29:04.8	J2000.00	1.150	180.0	19:58:58.4	60.1	U	RGO	1 x 1	
249148	sa92-335 g	0:55:00.00	+00:44:12.9	J2000.00	1.943	180.0	20:01:35.8	10.1	g	Sloan	1 x 1	
249149	sa92-335 r	0:55:00.00	+00:44:13.0	J2000.00	1.958	180.0	20:02:47.9	10.1	r	Sloan	1 x 1	
249150	sa92-335 i	0:55:00.00	+00:44:13.0	J2000.00	1.972	180.0	20:03:59.3	10.1	i	Sloan	1 x 1	
249151	sa92-335 Z	0:55:00.00	+00:44:13.0	J2000.00	1.988	180.0	20:05:11.8	20.1	z	Gunn	1 x 1	
249152	sa92-335 U	0:54:59.99	+00:44:13.0	J2000.00	2.010	180.0	20:06:36.6	60.0	U	RGO	1 x 1	
249153	sa93 g	1:55:00.00	+00:55:09.9	J2000.00	1.509	180.0	20:09:47.6	10.2	g	Sloan	1 x 1	
249154	sa93 r	1:55:00.00	+00:55:10.0	J2000.00	1.515	180.0	20:10:55.4	10.1	r	Sloan	1 x 1	
249155	sa93 i	1:55:00.00	+00:55:10.0	J2000.00	1.522	180.0	20:12:03.9	10.1	i	Sloan	1 x 1	
249156	sa93 Z	1:54:59.99	+00:55:09.9	J2000.00	1.529	180.0	20:13:12.2	20.1	z	Gunn	1 x 1	
249157	sa93 U	1:55:00.00	+00:55:09.9	J2000.00	1.539	180.0	20:14:29.9	60.1	U	RGO	1 x 1	
249158	sa93 g	1:55:00.00	+00:55:10.0	J2000.00	1.572	180.0	20:20:00.8	3.1	g	Sloan	1 x 1	
249159	sa93 r	1:55:00.00	+00:55:09.9	J2000.00	1.578	180.0	20:21:00.5	2.6	r	Sloan	1 x 1	
249160	sa93 i	1:55:00.00	+00:55:10.0	J2000.00	1.585	180.0	20:22:00.8	3.1	i	Sloan	1 x 1	
249161	sa93 Z	1:55:00.00	+00:55:10.0	J2000.00	1.592	180.0	20:23:01.8	6.1	z	Gunn	1 x 1	
249162	sa93 U	1:55:00.00	+00:55:09.9	J2000.00	1.600	180.0	20:24:05.6	10.1	U	RGO	1 x 1	
249163	sa97 g	5:57:59.99	+00:05:42.0	J2000.00	1.179	180.0	20:26:29.6	2.6	g	Sloan	1 x 1	
249164	sa97 r	5:58:00.00	+00:05:42.0	J2000.00	1.177	180.0	20:27:29.6	2.6	r	Sloan	1 x 1	
249165	sa97 i	5:58:00.00	+00:05:42.0	J2000.00	1.176	180.0	20:28:30.7	3.1	i	Sloan	1 x 1	
249166	sa97 Z	5:58:00.00	+00:05:41.9	J2000.00	1.175	180.0	20:29:31.2	6.1	z	Gunn	1 x 1	
249167	sa97 U	5:58:00.00	+00:05:42.0	J2000.00	1.173	180.0	20:30:53.6	10.1	U	RGO	1 x 1	
249168	sa98-670 g	6:52:12.00	-00:19:17.0	J2000.00	1.282	180.0	20:32:56.2	3.1	g	Sloan	1 x 1	
249169	sa98-670 r	6:52:12.00	-00:19:17.0	J2000.00	1.279	180.0	20:33:58.1	3.1	r	Sloan	1 x 1	
249170	sa98-670 i	6:52:12.00	-00:19:16.9	J2000.00	1.276	180.0	20:34:59.2	3.1	i	Sloan	1 x 1	
249171	sa98-670 Z	6:52:11.99	-00:19:16.9	J2000.00	1.273	180.0	20:35:59.5	6.1	z	Gunn	1 x 1	
249172	sa98-670 U	6:52:12.00	-00:19:16.9	J2000.00	1.270	180.0	20:37:03.7	10.1	U	RGO	1 x 1	
249173	sa100 g	8:53:35.99	-00:36:41.0	J2000.00	1.991	180.0	20:42:31.6	3.1	g	Sloan	1 x 1	
249174	sa100 r	8:53:36.00	-00:36:40.9	J2000.00	1.977	180.0	20:43:37.1	3.1	r	Sloan	1 x 1	
249175	sa100 i	8:53:35.99	-00:36:40.9	J2000.00	1.964	180.0	20:44:42.6	2.6	i	Sloan	1 x 1	
249176	sa100 Z	8:53:36.00	-00:36:41.0	J2000.00	1.951	180.0	20:45:48.2	6.1	z	Gunn	1 x 1	
249177	sa100 U	8:53:36.00	-00:36:40.9	J2000.00	1.937	180.0	20:46:56.7	10.1	U	RGO	1 x 1	

249178	wfsj0801+4019_002	7:55:14.19	+39:19:00.0	J2000.00	1.175	180.0	20:52:43.6	599.4	r	Sloan	1 x 1
249179	wfsj0801+4019_002	7:55:14.19	+39:19:00.0	J2000.00	1.149	180.0	21:03:44.8	599.5	g	Sloan	1 x 1
249180	wfsj0801+4019_002	7:55:14.20	+39:19:00.1	J2000.00	1.123	180.0	21:16:46.6	599.0	U	RGO	1 x 1
249181	wfsj0801+4019_003	7:55:12.39	+39:38:59.9	J2000.00	1.101	180.0	21:29:47.6	599.3	r	Sloan	1 x 1
249182	wfsj0801+4019_003	7:55:12.40	+39:38:59.9	J2000.00	1.084	180.0	21:40:48.9	599.5	g	Sloan	1 x 1
249183	wfsj0801+4019_003	7:55:12.40	+39:39:00.0	J2000.00	1.069	180.0	21:52:11.2	599.4	U	RGO	1 x 1
249184	wfsj0801+4019_009	7:55:00.50	+41:39:00.0	J2000.00	1.061	180.0	22:05:46.1	599.5	U	RGO	1 x 1
249185	wfsj0801+4019_011	7:57:49.29	+39:19:00.1	J2000.00	1.044	180.0	22:18:09.6	599.0	U	RGO	1 x 1
249186	wfsj0801+4019_011	7:57:49.30	+39:18:59.9	J2000.00	1.034	180.0	22:30:14.0	599.4	g	Sloan	1 x 1
249188	wfsj0801+4019_012	7:57:48.19	+39:39:00.1	J2000.00	1.028	180.0	22:42:49.0	599.4	g	Sloan	1 x 1
249189	wfsj0801+4019_012	7:57:48.19	+39:39:00.0	J2000.00	1.023	180.0	22:54:29.6	599.0	U	RGO	1 x 1
249190	wfsj0801+4019_014	7:57:45.89	+40:18:59.9	J2000.00	1.022	180.0	23:07:40.7	599.4	r	Sloan	1 x 1
249191	wfsj0801+4019_014	7:57:45.89	+40:19:00.1	J2000.00	1.021	180.0	23:18:42.1	599.4	g	Sloan	1 x 1
249192	wfsj0801+4019_014	7:57:45.90	+40:18:59.9	J2000.00	1.022	180.0	23:31:29.5	599.4	U	RGO	1 x 1
249193	wfsj0801+4019_013	7:57:47.10	+39:58:59.9	J2000.00	1.023	180.0	23:44:39.5	599.3	r	Sloan	1 x 1
249194	wfsj0801+4019_013	7:57:47.10	+39:58:59.9	J2000.00	1.028	180.0	23:55:41.7	599.4	g	Sloan	1 x 1
249195	wfsj0801+4019_013	7:57:47.10	+39:59:00.0	J2000.00	1.034	180.0	00:06:43.6	599.4	z	Gunn	1 x 1
249196	wfsj0801+4019_013	7:57:47.10	+39:59:00.0	J2000.00	1.042	180.0	00:17:45.6	599.4	U	RGO	1 x 1
249197	wfsj0801+4019_015	7:57:44.80	+40:39:00.1	J2000.00	1.056	180.0	00:31:16.6	599.4	r	Sloan	1 x 1
249198	wfsj0801+4019_015	7:57:44.80	+40:39:00.0	J2000.00	1.068	180.0	00:42:18.2	599.4	g	Sloan	1 x 1
249199	wfsj0801+4019_015	7:57:44.79	+40:38:59.8	J2000.00	1.082	180.0	00:53:18.6	599.3	U	RGO	1 x 1
249200	wfsj0801+4019_016	7:57:43.59	+40:58:59.8	J2000.00	1.101	180.0	01:05:33.5	599.4	U	RGO	1 x 1
249201	wfsj0801+4019_018	7:57:41.10	+41:39:00.1	J2000.00	1.124	180.0	01:18:10.6	599.4	U	RGO	1 x 1
249202	sa101-427 g	9:57:26.00	-00:17:15.9	J2000.00	1.144	180.0	01:31:42.1	10.1	g	Sloan	1 x 1
249203	sa101-427 r	9:57:25.99	-00:17:15.9	J2000.00	1.144	180.0	01:32:48.6	9.6	r	Sloan	1 x 1
249204	sa101-427 i	9:57:26.00	-00:17:15.9	J2000.00	1.145	180.0	01:33:55.6	9.6	i	Sloan	1 x 1
249205	sa101-427 Z	9:57:26.00	-00:17:15.9	J2000.00	1.145	180.0	01:35:03.5	20.1	z	Gunn	1 x 1
249206	sa101-427 U	9:57:25.99	-00:17:15.9	J2000.00	1.145	180.0	01:36:20.6	60.1	U	RGO	1 x 1
249207	wfsj0801+4019_008	7:55:02.59	+41:19:00.0	J2000.00	1.179	180.0	01:42:25.9	599.5	r	Sloan	1 x 1
249208	wfsj0801+4019_008	7:55:02.60	+41:19:00.0	J2000.00	1.206	180.0	01:53:25.7	599.2	g	Sloan	1 x 1
249209	wfsj0801+4019_008	7:55:02.60	+41:19:00.1	J2000.00	1.238	180.0	02:04:45.6	599.3	i	Sloan	1 x 1
249210	wfsj0801+4019_008	7:55:02.60	+41:18:59.8	J2000.00	1.272	180.0	02:15:53.7	599.4	z	Gunn	1 x 1
249211	wfsj0801+4019_008	7:55:02.60	+41:19:00.2	J2000.00	1.310	180.0	02:26:54.4	599.5	U	RGO	1 x 1
249212	wfsngc081	12:40:00.00	+00:00:00.1	J2000.00	1.214	180.0	02:41:49.5	599.5	i	Sloan	1 x 1
249213	wfsngc081	12:39:59.99	+00:00:00.0	J2000.00	1.194	180.0	02:52:50.3	599.3	z	Gunn	1 x 1
249214	wfsngc081	12:40:00.00	-00:00:00.0	J2000.00	1.172	180.0	03:08:17.2	599.4	U	RGO	1 x 1
249215	wfsngc082	12:41:59.99	+00:00:00.2	J2000.00	1.160	180.0	03:21:48.7	599.4	i	Sloan	1 x 1
249216	wfsngc082	12:42:00.00	+00:00:00.0	J2000.00	1.151	180.0	03:32:50.0	599.2	z	Gunn	1 x 1
249217	wfsngc082	12:42:00.00	+00:00:00.0	J2000.00	1.144	180.0	03:45:15.7	598.8	U	RGO	1 x 1
249218	wfsngc083	12:44:00.00	+00:00:00.1	J2000.00	1.141	180.0	03:57:47.8	599.5	i	Sloan	1 x 1
249219	wfsngc083	12:44:00.00	-00:00:00.0	J2000.00	1.141	180.0	04:08:50.3	599.6	z	Gunn	1 x 1
249221	wfsngc084	12:46:09.99	+00:00:00.2	J2000.00	1.145	180.0	04:27:06.6	599.4	i	Sloan	1 x 1
249222	wfsngc084	12:46:09.99	-00:00:00.0	J2000.00	1.151	180.0	04:38:06.6	599.0	z	Gunn	1 x 1
249223	wfsngc084	12:46:10.00	+00:00:00.1	J2000.00	1.159	180.0	04:49:07.4	599.6	U	RGO	1 x 1
249224	wfsngc084	12:46:10.00	+00:00:00.0	J2000.00	1.175	180.0	05:03:15.4	599.5	r	Sloan	1 x 1
249225	wfsngc085	12:48:00.00	-00:00:00.0	J2000.00	1.190	180.0	05:15:43.0	599.5	i	Sloan	1 x 1
249226	wfsngc085	12:47:59.99	+00:00:00.0	J2000.00	1.208	180.0	05:26:44.4	599.4	z	Gunn	1 x 1
249227	wfsngc085	12:48:00.00	+00:00:00.0	J2000.00	1.231	180.0	05:37:45.4	599.5	U	RGO	1 x 1
249228	wfsngc086	12:50:00.00	+00:00:00.0	J2000.00	1.259	180.0	05:51:53.6	599.0	i	Sloan	1 x 1
249229	wfsngc086	12:50:00.00	+00:00:00.0	J2000.00	1.290	180.0	06:02:53.8	599.4	z	Gunn	1 x 1
249230	wfsngc086	12:50:00.00	+00:00:00.0	J2000.00	1.325	180.0	06:13:54.5	598.9	U	RGO	1 x 1
249231	sa107-602 g	15:39:19.00	-00:15:28.9	J2000.00	1.160	180.0	06:26:21.8	10.1	g	Sloan	1 x 1
249232	sa107-602 r	15:39:19.00	-00:15:29.0	J2000.00	1.159	180.0	06:27:30.7	10.1	r	Sloan	1 x 1
249233	sa107-602 i	15:39:19.00	-00:15:28.9	J2000.00	1.158	180.0	06:28:38.1	10.1	i	Sloan	1 x 1
249234	sa107-602 Z	15:39:19.00	-00:15:28.9	J2000.00	1.157	180.0	06:29:45.2	20.1	z	Gunn	1 x 1
249235	sa107-602 U	15:39:19.00	-00:15:28.9	J2000.00	1.156	180.0	06:31:02.0	60.1	U	RGO	1 x 1
249236	sa104-334 g	12:42:21.00	-00:40:28.0	J2000.00	1.429	180.0	06:34:30.2	10.1	g	Sloan	1 x 1
249237	sa104-334 r	12:42:21.00	-00:40:28.0	J2000.00	1.435	180.0	06:35:42.7	10.1	r	Sloan	1 x 1
249238	sa104-334 i	12:42:20.99	-00:40:28.0	J2000.00	1.440	180.0	06:36:49.9	10.1	i	Sloan	1 x 1
249239	sa104-334 Z	12:42:21.00	-00:40:27.9	J2000.00	1.446	180.0	06:37:57.3	20.1	z	Gunn	1 x 1
249240	sa104-334 U	12:42:20.99	-00:40:28.0	J2000.00	1.454	180.0	06:39:14.8	60.1	U	RGO	1 x 1
249241	sa110-361 g	18:42:45.00	+00:08:03.9	J2000.00	1.816	180.0	06:43:46.5	10.1	g	Sloan	1 x 1

249242	sa110-361	r	18:42:45.00	+00:08:04.0	J2000.00	1.805	180.0	06:44:53.5	10.1	r	Sloan	1 x 1
249243	sa110-361	i	18:42:45.00	+00:08:03.9	J2000.00	1.791	180.0	06:46:23.6	10.1	i	Sloan	1 x 1
249244	sa110-361	Z	18:42:45.00	+00:08:03.9	J2000.00	1.778	180.0	06:47:36.7	20.1	z	Gunn	1 x 1
249245	sa110-361	U	18:42:45.00	+00:08:03.9	J2000.00	1.763	180.0	06:48:55.2	60.1	U	RGO	1 x 1
249246	sa107-602	g	15:39:19.00	-00:15:28.9	J2000.00	1.145	180.0	06:52:42.9	10.1	g	Sloan	1 x 1
249247	sa107-602	r	15:39:18.99	-00:15:29.0	J2000.00	1.145	180.0	06:53:50.7	10.1	r	Sloan	1 x 1
249248	sa107-602	i	15:39:19.00	-00:15:28.9	J2000.00	1.144	180.0	06:54:57.8	10.1	i	Sloan	1 x 1
249249	sa107-602	Z	15:39:19.00	-00:15:29.0	J2000.00	1.144	180.0	06:56:05.3	20.1	z	Gunn	1 x 1
249250	sa107-602	U	15:39:19.00	-00:15:29.0	J2000.00	1.144	180.0	06:57:23.1	60.1	U	RGO	1 x 1
249251	sa107-602	g	15:39:19.00	-00:15:28.9	J2000.00	1.144	180.0	07:00:14.5	10.1	g	Sloan	1 x 1
249252	sa107-602	r	15:39:18.99	-00:15:28.9	J2000.00	1.143	180.0	07:01:20.6	9.6	r	Sloan	1 x 1
249253	sa107-602	i	15:39:19.00	-00:15:29.0	J2000.00	1.143	180.0	07:02:28.4	10.1	i	Sloan	1 x 1
249254	sa107-602	Z	15:39:19.00	-00:15:29.0	J2000.00	1.143	180.0	07:03:37.4	20.1	z	Gunn	1 x 1
249255	sa107-602	U	15:39:18.99	-00:15:29.0	J2000.00	1.143	180.0	07:04:54.4	60.1	U	RGO	1 x 1
249256	Flat field		15:02:00.00	+29:55:00.0	J2000.00	1.013	180.0	07:09:49.8	120.0	i	Sloan	1 x 1
249257	Flat field		15:02:02.30	+29:55:29.9	J2000.00	1.016	180.0	07:13:28.0	60.1	i	Sloan	1 x 1
249258	Flat field		15:01:57.69	+29:54:30.0	J2000.00	1.017	180.0	07:15:42.4	40.1	i	Sloan	1 x 1
249259	Flat field		15:02:00.00	+29:55:00.0	J2000.00	1.018	180.0	07:17:48.8	30.1	r	Sloan	1 x 1
249260	Flat field		15:02:02.30	+29:55:29.9	J2000.00	1.020	180.0	07:19:33.9	15.1	r	Sloan	1 x 1
249261	Flat field		15:01:57.69	+29:54:29.9	J2000.00	1.021	180.0	07:20:59.9	10.1	r	Sloan	1 x 1
249262	Flat field		15:02:00.00	+29:55:00.0	J2000.00	1.022	180.0	07:22:29.7	6.6	g	Sloan	1 x 1
249263	Flat field		15:02:02.30	+29:55:30.0	J2000.00	1.023	180.0	07:23:58.2	2.1	g	Sloan	1 x 1
249264	Flat field		15:01:57.69	+29:54:29.9	J2000.00	1.024	180.0	07:25:11.7	2.1	g	Sloan	1 x 1
249265	Flat field		15:02:00.00	+29:55:00.0	J2000.00	1.025	180.0	07:26:18.1	2.1	z	Gunn	1 x 1
249266	Flat field		15:02:02.30	+29:55:29.9	J2000.00	1.026	180.0	07:27:35.8	5.1	z	Gunn	1 x 1
249267	Flat field		15:01:57.69	+29:54:30.0	J2000.00	1.028	180.0	07:28:56.9	3.1	z	Gunn	1 x 1
249268	Flat field		15:02:00.00	+29:55:29.8	J2000.00	1.029	180.0	07:30:24.6	2.1	z	Gunn	1 x 1
249269	Flat field		15:02:00.00	+29:55:00.0	J2000.00	1.030	180.0	07:31:39.5	5.1	U	RGO	1 x 1
249270	Flat field		15:02:02.30	+29:55:29.9	J2000.00	1.031	180.0	07:32:55.7	2.1	U	RGO	1 x 1
249271	Flat field		15:01:57.69	+29:54:29.9	J2000.00	1.033	180.0	07:34:09.6	2.1	U	RGO	1 x 1