INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:            INT2
DATE:                 1999 Aug 14/15
INT TAPE NR:          INTD 4152
OBSERVER:             M. Bremer
PROGRAMME:            INT WAS
PATT/CAT:             WFS 09
TELESCOPE OPERATOR:   ---
SUPPORT ASTRONOMER:   ---

FOCUS:                Prime
INSTRUMENT:           WFC
FILTER WHEEL (PF):    KP, g, r, i, Z, U,
CAMERA (IDS):         -
COLLIMATOR (IDS):     -
COLL. FOCUS (IDS):    -
GRATING (IDS):        -
DETECTOR:             EEVX4
PIXELS:               2148x4146
PIXEL SIZE (microns):
WINDOW:               Xstart=0, Xsize=, Ystart=0, Ysize=
BINNING:              in X=1, in Y=1

WEATHER:              Fair
OUTSIDE TEMP (deg C):   18            (FIRST HALF)
OUTSIDE TEMP (deg C):   17            (SECOND HALF)
HUMIDITY (%):           30            (FIRST HALF)
HUMIDITY (%):           30           (SECOND HALF)
CLOUD COVER (%):        0            (FIRST HALF)
CLOUD COVER (%):        0            (SECOND HALF)
DUST (0 - 2):            0            (FIRST HALF)
DUST (0 - 2):            0            (SECOND HALF)
SEEING (arcsec):       1.2            (FIRST HALF)
SEEING (arcsec):       1.3            (SECOND HALF)
AV. SEEING (arcsec):   1.2
NO. SEEING MEASURES:     3

UTC    TELESCOPE                CASELLA OUT   CASELLA IN    SEEING
       AZ   ZD  Focus  TC       Temp   Humid  Temp   Humid  Det./TV  Com
DARK HOURS:           07:48
DOME OPEN (UTC):      19:15
MOON PHASE (D/G/B):       D
DK HRS LOST (WEATHER):00:00
DK HRS LOST (TELESC): 00:00
DK HRS LOST (DOME):   00:00
DK HRS LOST (INSTR.): 01:00
DK HRS LOST (DET.):   00:00
DK HRS LOST (COMPS.): 00:00
DK HRS LOST (A&G):    00:00
DK HRS LOST (OTHER):  00:00

COMMENTS:


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Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys	Channel	Binning	Comments
189046	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.8	15:33:31.3	0.0	r	Sloan	1	1 x 1	
189047	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.8	15:33:31.3	0.0	r	Sloan	5	1 x 1	
189048	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.8	15:33:31.3	0.0	r	Sloan	3	1 x 1	

189049	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.8	15:33:31.3	0.0	r	Sloan	4	1 x 1
189050	Bias frame	13:04:32.99	+29:50:49.0	B1950.00	1.384	179.8	20:09:28.3	0.0	i	Sloan	1	1 x 1
189051	Bias frame	13:04:32.99	+29:50:49.0	B1950.00	1.384	179.8	20:09:28.3	0.0	i	Sloan	5	1 x 1
189052	Bias frame	13:04:32.99	+29:50:49.0	B1950.00	1.384	179.8	20:09:28.3	0.0	i	Sloan	3	1 x 1
189053	Bias frame	13:04:32.99	+29:50:49.0	B1950.00	1.384	179.8	20:09:28.3	0.0	i	Sloan	4	1 x 1
189054	Bias frame	13:04:32.99	+29:50:48.9	B1950.00	1.399	179.8	20:12:21.4	0.0	i	Sloan	1	1 x 1
189055	Bias frame	13:04:32.99	+29:50:48.9	B1950.00	1.399	179.8	20:12:21.4	0.0	i	Sloan	5	1 x 1
189056	Bias frame	13:04:32.99	+29:50:48.9	B1950.00	1.399	179.8	20:12:21.4	0.0	i	Sloan	3	1 x 1
189057	Bias frame	13:04:32.99	+29:50:48.9	B1950.00	1.399	179.8	20:12:21.4	0.0	i	Sloan	4	1 x 1
189058	Bias frame	13:04:32.99	+29:50:48.9	B1950.00	1.414	179.8	20:15:15.0	0.0	i	Sloan	1	1 x 1
189059	Bias frame	13:04:32.99	+29:50:48.9	B1950.00	1.414	179.8	20:15:15.0	0.0	i	Sloan	5	1 x 1
189060	Bias frame	13:04:32.99	+29:50:48.9	B1950.00	1.414	179.8	20:15:15.0	0.0	i	Sloan	3	1 x 1
189061	Bias frame	13:04:32.99	+29:50:48.9	B1950.00	1.414	179.8	20:15:15.0	0.0	i	Sloan	4	1 x 1
189062	Flat field	13:04:33.00	+29:50:49.0	B1950.00	1.473	179.8	20:25:54.5	6.7	i	Sloan	1	1 x 1
189063	Flat field	13:04:33.00	+29:50:49.0	B1950.00	1.473	179.8	20:25:54.5	6.7	i	Sloan	5	1 x 1
189064	Flat field	13:04:33.00	+29:50:49.0	B1950.00	1.473	179.8	20:25:54.5	6.7	i	Sloan	3	1 x 1
189065	Flat field	13:04:33.00	+29:50:49.0	B1950.00	1.473	179.8	20:25:54.5	6.7	i	Sloan	4	1 x 1
189066	Flat field	13:04:33.76	+29:50:59.0	B1950.00	1.494	179.8	20:29:21.6	14.6	i	Sloan	1	1 x 1
189067	Flat field	13:04:33.76	+29:50:59.0	B1950.00	1.494	179.8	20:29:21.6	14.6	i	Sloan	5	1 x 1
189068	Flat field	13:04:33.76	+29:50:59.0	B1950.00	1.494	179.8	20:29:21.6	14.6	i	Sloan	3	1 x 1
189069	Flat field	13:04:33.76	+29:50:59.0	B1950.00	1.494	179.8	20:29:21.6	14.6	i	Sloan	4	1 x 1
189070	Flat field	13:04:31.84	+29:50:33.9	B1950.00	1.517	179.8	20:32:54.8	29.7	i	Sloan	1	1 x 1
189071	Flat field	13:04:31.84	+29:50:33.9	B1950.00	1.517	179.8	20:32:54.8	29.7	i	Sloan	5	1 x 1
189072	Flat field	13:04:31.84	+29:50:33.9	B1950.00	1.517	179.8	20:32:54.8	29.7	i	Sloan	3	1 x 1
189073	Flat field	13:04:31.84	+29:50:33.9	B1950.00	1.517	179.8	20:32:54.8	29.7	i	Sloan	4	1 x 1
189074	Flat field	13:04:31.84	+29:50:34.0	B1950.00	1.545	179.8	20:36:47.0	66.2	g	Sloan	1	1 x 1
189075	Flat field	13:04:31.84	+29:50:34.0	B1950.00	1.545	179.8	20:36:47.0	66.2	g	Sloan	5	1 x 1
189076	Flat field	13:04:31.84	+29:50:34.0	B1950.00	1.545	179.8	20:36:47.0	66.2	g	Sloan	3	1 x 1
189077	Flat field	13:04:31.84	+29:50:34.0	B1950.00	1.545	179.8	20:36:47.0	66.2	g	Sloan	4	1 x 1
189078	Flat field	13:04:33.76	+29:50:58.9	B1950.00	1.578	179.8	20:41:01.7	141.4	g	Sloan	1	1 x 1
189079	Flat field	13:04:33.76	+29:50:58.9	B1950.00	1.578	179.8	20:41:01.7	141.4	g	Sloan	5	1 x 1
189080	Flat field	13:04:33.76	+29:50:58.9	B1950.00	1.578	179.8	20:41:01.7	141.4	g	Sloan	3	1 x 1
189081	Flat field	13:04:33.76	+29:50:58.9	B1950.00	1.578	179.8	20:41:01.7	141.4	g	Sloan	4	1 x 1
189082	Focus run	15:39:18.99	-00:14:21.5	J2000.00	1.283	179.8	21:09:16.9	10.1	r	Sloan	1	1 x 1
189083	Focus run	15:39:18.99	-00:14:21.5	J2000.00	1.283	179.8	21:09:16.9	10.1	r	Sloan	5	1 x 1
189084	Focus run	15:39:18.99	-00:14:21.5	J2000.00	1.283	179.8	21:09:16.9	10.1	r	Sloan	3	1 x 1
189085		15:39:18.99	-00:14:21.5	J2000.00	1.283	179.8	21:09:16.9	10.1	r	Sloan	4	1 x 1
189086	sa107-602 r	15:39:19.00	-00:13:13.9	J2000.00	1.299	179.8	21:13:02.8	10.1	r	Sloan	1	1 x 1
189087	sa107-602 r	15:39:19.00	-00:13:13.9	J2000.00	1.299	179.8	21:13:02.8	10.1	r	Sloan	5	1 x 1
189088	sa107-602 r	15:39:19.00	-00:13:13.9	J2000.00	1.299	179.8	21:13:02.8	10.1	r	Sloan	3	1 x 1
189089	sa107-602 r	15:39:19.00	-00:13:13.9	J2000.00	1.299	179.8	21:13:02.8	10.1	r	Sloan	4	1 x 1
189090	sa107-602 g	15:39:19.00	-00:13:13.9	J2000.00	1.317	179.8	21:18:35.2	10.1	g	Sloan	1	1 x 1
189091	sa107-602 g	15:39:19.00	-00:13:13.9	J2000.00	1.317	179.8	21:18:35.2	10.1	g	Sloan	5	1 x 1
189092	sa107-602 g	15:39:19.00	-00:13:13.9	J2000.00	1.317	179.8	21:18:35.2	10.1	g	Sloan	3	1 x 1
189093	sa107-602 g	15:39:19.00	-00:13:13.9	J2000.00	1.317	179.8	21:18:35.2	10.1	g	Sloan	4	1 x 1
189094	sa107-602 i	15:39:19.00	-00:13:14.0	J2000.00	1.330	179.8	21:22:19.9	10.1	i	Sloan	1	1 x 1
189095	sa107-602 i	15:39:19.00	-00:13:14.0	J2000.00	1.330	179.8	21:22:19.9	10.1	i	Sloan	5	1 x 1
189096	sa107-602 i	15:39:19.00	-00:13:14.0	J2000.00	1.330	179.8	21:22:19.9	10.1	i	Sloan	3	1 x 1
189097	sa107-602 i	15:39:19.00	-00:13:14.0	J2000.00	1.330	179.8	21:22:19.9	10.1	i	Sloan	4	1 x 1
189098	wfsj1637+4116_022	16:35:40.59	+40:55:59.8	J2000.00	1.069	179.8	21:33:02.8	599.4	i	Sloan	1	1 x 1
189099	wfsj1637+4116_022	16:35:40.59	+40:55:59.8	J2000.00	1.069	179.8	21:33:02.8	599.4	i	Sloan	5	1 x 1
189100	wfsj1637+4116_022	16:35:40.59	+40:55:59.8	J2000.00	1.069	179.8	21:33:02.8	599.4	i	Sloan	3	1 x 1
189101	wfsj1637+4116_022	16:35:40.59	+40:55:59.8	J2000.00	1.069	179.8	21:33:02.8	599.4	i	Sloan	4	1 x 1
189102	wfsj1637+4116_022	16:35:40.59	+40:56:00.0	J2000.00	1.086	179.8	21:46:09.7	599.6	g	Sloan	1	1 x 1
189103	wfsj1637+4116_022	16:35:40.59	+40:56:00.0	J2000.00	1.086	179.8	21:46:09.7	599.6	g	Sloan	5	1 x 1
189104	wfsj1637+4116_022	16:35:40.59	+40:56:00.0	J2000.00	1.086	179.8	21:46:09.7	599.6	g	Sloan	3	1 x 1
189105	wfsj1637+4116_022	16:35:40.59	+40:56:00.0	J2000.00	1.086	179.8	21:46:09.7	599.6	g	Sloan	4	1 x 1
189106	wfsj1637+4116_023	16:35:40.20	+41:15:59.9	J2000.00	1.109	179.8	22:00:55.6	599.3	i	Sloan	1	1 x 1
189107	wfsj1637+4116_023	16:35:40.20	+41:15:59.9	J2000.00	1.109	179.8	22:00:55.6	599.3	i	Sloan	5	1 x 1
189108	wfsj1637+4116_023	16:35:40.20	+41:15:59.9	J2000.00	1.109	179.8	22:00:55.6	599.3	i	Sloan	3	1 x 1
189109	wfsj1637+4116_023	16:35:40.20	+41:15:59.9	J2000.00	1.109	179.8	22:00:55.6	599.3	i	Sloan	4	1 x 1
189110	wfsj1637+4116_023	16:35:40.20	+41:15:59.9	J2000.00	1.132	179.8	22:14:01.1	599.5	g	Sloan	1	1 x 1

189111	wfsj1637+4116_023	16:35:40.20	+41:15:59.9	J2000.00	1.132	179.8	22:14:01.1	599.5	g	Sloan	5	1 x 1
189112	wfsj1637+4116_023	16:35:40.20	+41:15:59.9	J2000.00	1.132	179.8	22:14:01.1	599.5	g	Sloan	3	1 x 1
189113	wfsj1637+4116_023	16:35:40.20	+41:15:59.9	J2000.00	1.132	179.8	22:14:01.1	599.5	g	Sloan	4	1 x 1
189114	wfsj1637+4116_024	16:35:39.80	+41:35:59.9	J2000.00	1.163	179.8	22:28:48.8	599.5	i	Sloan	1	1 x 1
189115	wfsj1637+4116_024	16:35:39.80	+41:35:59.9	J2000.00	1.163	179.8	22:28:48.8	599.5	i	Sloan	5	1 x 1
189116	wfsj1637+4116_024	16:35:39.80	+41:35:59.9	J2000.00	1.163	179.8	22:28:48.8	599.5	i	Sloan	3	1 x 1
189117	wfsj1637+4116_024	16:35:39.80	+41:35:59.9	J2000.00	1.163	179.8	22:28:48.8	599.5	i	Sloan	4	1 x 1
189118	wfsj1637+4116_024	16:35:39.80	+41:36:00.0	J2000.00	1.194	179.8	22:41:55.1	598.9	g	Sloan	1	1 x 1
189119	wfsj1637+4116_024	16:35:39.80	+41:36:00.0	J2000.00	1.194	179.8	22:41:55.1	598.9	g	Sloan	5	1 x 1
189120	wfsj1637+4116_024	16:35:39.80	+41:36:00.0	J2000.00	1.194	179.8	22:41:55.1	598.9	g	Sloan	3	1 x 1
189121	wfsj1637+4116_024	16:35:39.80	+41:36:00.0	J2000.00	1.194	179.8	22:41:55.1	598.9	g	Sloan	4	1 x 1
189122	wfsj2056-0437_003	20:55:22.50	-04:17:44.8	J2000.00	1.290	179.8	23:02:30.6	599.5	i	Sloan	1	1 x 1
189123	wfsj2056-0437_003	20:55:22.50	-04:17:44.8	J2000.00	1.290	179.8	23:02:30.6	599.5	i	Sloan	5	1 x 1
189124	wfsj2056-0437_003	20:55:22.50	-04:17:44.8	J2000.00	1.290	179.8	23:02:30.6	599.5	i	Sloan	3	1 x 1
189125	wfsj2056-0437_003	20:55:22.50	-04:17:44.8	J2000.00	1.290	179.8	23:02:30.6	599.5	i	Sloan	4	1 x 1
189126	wfsj2056-0437_003	20:55:22.50	-04:17:45.0	J2000.00	1.262	179.8	23:15:33.4	599.4	r	Sloan	1	1 x 1
189127	wfsj2056-0437_003	20:55:22.50	-04:17:45.0	J2000.00	1.262	179.8	23:15:33.4	599.4	r	Sloan	5	1 x 1
189128	wfsj2056-0437_003	20:55:22.50	-04:17:45.0	J2000.00	1.262	179.8	23:15:33.4	599.4	r	Sloan	3	1 x 1
189129	wfsj2056-0437_003	20:55:22.50	-04:17:45.0	J2000.00	1.262	179.8	23:15:33.4	599.4	r	Sloan	4	1 x 1
189134	Focus run	21:42:34.99	+00:17:53.5	J2000.00	1.277	179.8	23:35:53.7	15.1	r	Sloan	1	1 x 1
189135	Focus run	21:42:34.99	+00:17:53.5	J2000.00	1.277	179.8	23:35:53.7	15.1	r	Sloan	5	1 x 1
189136	Focus run	21:42:34.99	+00:17:53.5	J2000.00	1.277	179.8	23:35:53.7	15.1	r	Sloan	3	1 x 1
189137	Focus run	21:42:34.99	+00:17:53.5	J2000.00	1.277	179.8	23:35:53.7	15.1	r	Sloan	4	1 x 1
189143	wfsj2056-0437_003	20:55:22.49	-04:17:45.0	J2000.00	1.204	179.8	23:58:48.9	599.3	r	Sloan	1	1 x 1
189144	wfsj2056-0437_003	20:55:22.49	-04:17:45.0	J2000.00	1.204	179.8	23:58:48.9	599.3	r	Sloan	5	1 x 1
189145	wfsj2056-0437_003	20:55:22.49	-04:17:45.0	J2000.00	1.204	179.8	23:58:48.9	599.3	r	Sloan	3	1 x 1
189146	wfsj2056-0437_003	20:55:22.49	-04:17:45.0	J2000.00	1.204	179.8	23:58:48.9	599.3	r	Sloan	4	1 x 1
189151	wfsj2056-0437_003	20:55:22.49	-04:17:44.9	J2000.00	1.196	179.8	00:13:33.4	0.0	g	Sloan	1	1 x 1
189152	wfsj2056-0437_003	20:55:22.49	-04:17:44.9	J2000.00	1.196	179.8	00:13:33.4	0.0	g	Sloan	5	1 x 1
189153	wfsj2056-0437_003	20:55:22.49	-04:17:44.9	J2000.00	1.196	179.8	00:13:33.4	0.0	g	Sloan	3	1 x 1
189154	wfsj2056-0437_003	20:55:22.49	-04:17:44.9	J2000.00	1.196	179.8	00:13:33.4	0.0	g	Sloan	4	1 x 1
189159	Focus run	21:42:34.99	+00:18:08.5	J2000.00	1.148	179.8	00:52:33.6	0.0	r	Sloan	1	1 x 1
189160	Focus run	21:42:34.99	+00:18:08.5	J2000.00	1.148	179.8	00:52:33.6	0.0	r	Sloan	5	1 x 1
189161	Focus run	21:42:34.99	+00:18:08.5	J2000.00	1.148	179.8	00:52:33.6	0.0	r	Sloan	3	1 x 1
189162	Focus run	21:42:34.99	+00:18:08.5	J2000.00	1.148	179.8	00:52:33.6	0.0	r	Sloan	4	1 x 1
189163	Focus run	21:42:35.00	+00:18:31.0	J2000.00	1.143	179.8	01:00:35.4	0.0	r	Sloan	1	1 x 1
189164	Focus run	21:42:35.00	+00:18:31.0	J2000.00	1.143	179.8	01:00:35.4	0.0	r	Sloan	5	1 x 1
189165	Focus run	21:42:35.00	+00:18:31.0	J2000.00	1.143	179.8	01:00:35.4	0.0	r	Sloan	3	1 x 1
189166	Focus run	21:42:35.00	+00:18:31.0	J2000.00	1.143	179.8	01:00:35.4	0.0	r	Sloan	4	1 x 1
189168	wfsj2056-0437_003	20:55:22.50	-04:17:44.9	J2000.00	1.214	179.8	01:12:03.7	0.0	g	Sloan	1	1 x 1
189169	wfsj2056-0437_003	20:55:22.50	-04:17:44.9	J2000.00	1.214	179.8	01:12:03.7	0.0	g	Sloan	5	1 x 1
189170	wfsj2056-0437_003	20:55:22.50	-04:17:44.9	J2000.00	1.214	179.8	01:12:03.7	0.0	g	Sloan	3	1 x 1
189171	wfsj2056-0437_003	20:55:22.50	-04:17:44.9	J2000.00	1.214	179.8	01:12:03.7	0.0	g	Sloan	4	1 x 1
189172	wfsj2056-0437_006	20:57:22.49	-04:17:45.0	J2000.00	1.230	179.8	01:26:55.9	0.0	i	Sloan	1	1 x 1
189173	wfsj2056-0437_006	20:57:22.49	-04:17:45.0	J2000.00	1.230	179.8	01:26:55.9	0.0	i	Sloan	5	1 x 1
189174	wfsj2056-0437_006	20:57:22.49	-04:17:45.0	J2000.00	1.230	179.8	01:26:55.9	0.0	i	Sloan	3	1 x 1
189175	wfsj2056-0437_006	20:57:22.49	-04:17:45.0	J2000.00	1.230	179.8	01:26:55.9	0.0	i	Sloan	4	1 x 1
189176	wfsj2056-0437_006	20:57:22.49	-04:17:45.0	J2000.00	1.250	179.8	01:39:58.9	0.0	r	Sloan	1	1 x 1
189177	wfsj2056-0437_006	20:57:22.49	-04:17:45.0	J2000.00	1.250	179.8	01:39:58.9	0.0	r	Sloan	5	1 x 1
189178	wfsj2056-0437_006	20:57:22.49	-04:17:45.0	J2000.00	1.250	179.8	01:39:58.9	0.0	r	Sloan	3	1 x 1
189179	wfsj2056-0437_006	20:57:22.49	-04:17:45.0	J2000.00	1.250	179.8	01:39:58.9	0.0	r	Sloan	4	1 x 1
189180	wfsj2056-0437_006	20:57:22.49	-04:17:45.0	J2000.00	1.275	179.8	01:53:01.0	0.0	g	Sloan	1	1 x 1
189181	wfsj2056-0437_006	20:57:22.49	-04:17:45.0	J2000.00	1.275	179.8	01:53:01.0	0.0	g	Sloan	5	1 x 1
189182	wfsj2056-0437_006	20:57:22.49	-04:17:45.0	J2000.00	1.275	179.8	01:53:01.0	0.0	g	Sloan	3	1 x 1
189183	wfsj2056-0437_006	20:57:22.49	-04:17:45.0	J2000.00	1.275	179.8	01:53:01.0	0.0	g	Sloan	4	1 x 1
189184	M31-microfld1	0:43:59.99	+41:34:00.0	J2000.00	1.142	179.8	02:09:34.6	0.0	r	Sloan	1	1 x 1
189185	M31-microfld1	0:43:59.99	+41:34:00.0	J2000.00	1.142	179.8	02:09:34.6	0.0	r	Sloan	5	1 x 1
189186	M31-microfld1	0:43:59.99	+41:34:00.0	J2000.00	1.142	179.8	02:09:34.6	0.0	r	Sloan	3	1 x 1
189187	M31-microfld1	0:43:59.99	+41:34:00.0	J2000.00	1.142	179.8	02:09:34.6	0.0	r	Sloan	4	1 x 1
189209	Bias frame	0:44:00.00	+41:34:00.0	J2000.00	1.092	179.8	02:44:36.3	0.0	g	Sloan	5	1 x 1
189210	Bias frame	0:44:00.00	+41:34:00.0	J2000.00	1.092	179.8	02:44:36.3	0.0	g	Sloan	3	1 x 1
189211	Bias frame	0:44:00.00	+41:34:00.0	J2000.00	1.092	179.8	02:44:36.3	0.0	g	Sloan	4	1 x 1

189215	Bias frame	0:43:59.99	+41:34:00.0	J2000.00	1.082	179.8	02:52:11.6	0.0	U	RGO	1	1 x 1
189216	Bias frame	0:43:59.99	+41:34:00.0	J2000.00	1.082	179.8	02:52:11.6	0.0	U	RGO	5	1 x 1
189217	Bias frame	0:43:59.99	+41:34:00.0	J2000.00	1.082	179.8	02:52:11.6	0.0	U	RGO	3	1 x 1
189218	Bias frame	0:43:59.99	+41:34:00.0	J2000.00	1.082	179.8	02:52:11.6	0.0	U	RGO	4	1 x 1
189223	M31-microfld1	0:44:00.00	+41:33:59.9	J2000.00	1.065	179.8	03:00:25.0	699.2	g	Sloan	1	1 x 1
189224	M31-microfld1	0:44:00.00	+41:33:59.9	J2000.00	1.065	179.8	03:00:25.0	699.2	g	Sloan	5	1 x 1
189225	M31-microfld1	0:44:00.00	+41:33:59.9	J2000.00	1.065	179.8	03:00:25.0	699.2	g	Sloan	3	1 x 1
189226	M31-microfld1	0:44:00.00	+41:33:59.9	J2000.00	1.065	179.8	03:00:25.0	699.2	g	Sloan	4	1 x 1
189227	M31-microfld2	0:43:09.99	+40:58:14.9	J2000.00	1.047	179.8	03:17:21.1	699.2	r	Sloan	1	1 x 1
189228	M31-microfld2	0:43:09.99	+40:58:14.9	J2000.00	1.047	179.8	03:17:21.1	699.2	r	Sloan	5	1 x 1
189229	M31-microfld2	0:43:09.99	+40:58:14.9	J2000.00	1.047	179.8	03:17:21.1	699.2	r	Sloan	3	1 x 1
189230	M31-microfld2	0:43:09.99	+40:58:14.9	J2000.00	1.047	179.8	03:17:21.1	699.2	r	Sloan	4	1 x 1
189231	M31-microfld2	0:43:10.00	+40:58:15.0	J2000.00	1.036	179.8	03:32:02.5	699.4	g	Sloan	1	1 x 1
189232	M31-microfld2	0:43:10.00	+40:58:15.0	J2000.00	1.036	179.8	03:32:02.5	699.4	g	Sloan	5	1 x 1
189233	M31-microfld2	0:43:10.00	+40:58:15.0	J2000.00	1.036	179.8	03:32:02.5	699.4	g	Sloan	3	1 x 1
189234	M31-microfld2	0:43:10.00	+40:58:15.0	J2000.00	1.036	179.8	03:32:02.5	699.4	g	Sloan	4	1 x 1
189239	wfssgc107	1:32:00.00	-00:00:00.0	J2000.00	1.197	179.8	03:55:09.2	599.5	g	Sloan	1	1 x 1
189240	wfssgc107	1:32:00.00	-00:00:00.0	J2000.00	1.197	179.8	03:55:09.2	599.5	g	Sloan	5	1 x 1
189241	wfssgc107	1:32:00.00	-00:00:00.0	J2000.00	1.197	179.8	03:55:09.2	599.5	g	Sloan	3	1 x 1
189242	wfssgc107	1:32:00.00	-00:00:00.0	J2000.00	1.197	179.8	03:55:09.2	599.5	g	Sloan	4	1 x 1
189243	wfssgc108	1:34:00.00	+00:00:00.0	J2000.00	1.178	179.8	04:09:51.8	599.4	g	Sloan	1	1 x 1
189244	wfssgc108	1:34:00.00	+00:00:00.0	J2000.00	1.178	179.8	04:09:51.8	599.4	g	Sloan	5	1 x 1
189245	wfssgc108	1:34:00.00	+00:00:00.0	J2000.00	1.178	179.8	04:09:51.8	599.4	g	Sloan	3	1 x 1
189246	wfssgc108	1:34:00.00	+00:00:00.0	J2000.00	1.178	179.8	04:09:51.8	599.4	g	Sloan	4	1 x 1
189247	Focus run	0:55:00.00	+00:45:05.4	J2000.00	1.133	179.8	04:26:41.6	10.1	g	Sloan	1	1 x 1
189248	Focus run	0:55:00.00	+00:45:05.4	J2000.00	1.133	179.8	04:26:41.6	10.1	g	Sloan	5	1 x 1
189249	Focus run	0:55:00.00	+00:45:05.4	J2000.00	1.133	179.8	04:26:41.6	10.1	g	Sloan	3	1 x 1
189250	Focus run	0:55:00.00	+00:45:05.4	J2000.00	1.133	179.8	04:26:41.6	10.1	g	Sloan	4	1 x 1
189252	wfssgc109	1:35:59.99	+00:00:00.0	J2000.00	1.150	179.8	04:39:51.4	599.5	g	Sloan	1	1 x 1
189253	wfssgc109	1:35:59.99	+00:00:00.0	J2000.00	1.150	179.8	04:39:51.4	599.5	g	Sloan	5	1 x 1
189254	wfssgc109	1:35:59.99	+00:00:00.0	J2000.00	1.150	179.8	04:39:51.4	599.5	g	Sloan	3	1 x 1
189255	wfssgc109	1:35:59.99	+00:00:00.0	J2000.00	1.150	179.8	04:39:51.4	599.5	g	Sloan	4	1 x 1
189256	wfssgc114	1:45:59.99	+00:00:00.0	J2000.00	1.146	179.8	04:56:49.6	599.3	g	Sloan	1	1 x 1
189257	wfssgc114	1:45:59.99	+00:00:00.0	J2000.00	1.146	179.8	04:56:49.6	599.3	g	Sloan	5	1 x 1
189258	wfssgc114	1:45:59.99	+00:00:00.0	J2000.00	1.146	179.8	04:56:49.6	599.3	g	Sloan	3	1 x 1
189259	wfssgc114	1:45:59.99	+00:00:00.0	J2000.00	1.146	179.8	04:56:49.6	599.3	g	Sloan	4	1 x 1
189260	wfssgc115	1:47:59.99	-00:00:00.0	J2000.00	1.142	179.8	05:11:33.7	599.5	g	Sloan	1	1 x 1
189261	wfssgc115	1:47:59.99	-00:00:00.0	J2000.00	1.142	179.8	05:11:33.7	599.5	g	Sloan	5	1 x 1
189262	wfssgc115	1:47:59.99	-00:00:00.0	J2000.00	1.142	179.8	05:11:33.7	599.5	g	Sloan	3	1 x 1
189263	wfssgc115	1:47:59.99	-00:00:00.0	J2000.00	1.142	179.8	05:11:33.7	599.5	g	Sloan	4	1 x 1
189264	Bias frame	1:47:59.99	-00:00:00.0	J2000.00	1.140	179.8	05:26:31.2	0.0	g	Sloan	1	1 x 1
189265	Bias frame	1:47:59.99	-00:00:00.0	J2000.00	1.140	179.8	05:26:31.2	0.0	g	Sloan	5	1 x 1
189266	Bias frame	1:47:59.99	-00:00:00.0	J2000.00	1.140	179.8	05:26:31.2	0.0	g	Sloan	3	1 x 1
189267	Bias frame	1:47:59.99	-00:00:00.0	J2000.00	1.140	179.8	05:26:31.2	0.0	g	Sloan	4	1 x 1
189268	Bias frame	1:48:00.00	-00:00:00.0	J2000.00	1.140	179.8	05:29:24.1	0.0	g	Sloan	1	1 x 1
189269	Bias frame	1:48:00.00	-00:00:00.0	J2000.00	1.140	179.8	05:29:24.1	0.0	g	Sloan	5	1 x 1
189270	Bias frame	1:48:00.00	-00:00:00.0	J2000.00	1.140	179.8	05:29:24.1	0.0	g	Sloan	3	1 x 1
189271	Bias frame	1:48:00.00	-00:00:00.0	J2000.00	1.140	179.8	05:29:24.1	0.0	g	Sloan	4	1 x 1
189272	Bias frame	1:48:00.00	-00:00:00.0	J2000.00	1.141	179.8	05:32:16.8	0.0	g	Sloan	1	1 x 1
189273	Bias frame	1:48:00.00	-00:00:00.0	J2000.00	1.141	179.8	05:32:16.8	0.0	g	Sloan	5	1 x 1
189274	Bias frame	1:48:00.00	-00:00:00.0	J2000.00	1.141	179.8	05:32:16.8	0.0	g	Sloan	3	1 x 1
189275	Bias frame	1:48:00.00	-00:00:00.0	J2000.00	1.141	179.8	05:32:16.8	0.0	g	Sloan	4	1 x 1
189276	sa92-335 g	0:54:59.99	+00:44:13.0	J2000.00	1.176	179.8	05:36:31.6	9.6	g	Sloan	1	1 x 1
189277	sa92-335 g	0:54:59.99	+00:44:13.0	J2000.00	1.176	179.8	05:36:31.6	9.6	g	Sloan	5	1 x 1
189278	sa92-335 g	0:54:59.99	+00:44:13.0	J2000.00	1.176	179.8	05:36:31.6	9.6	g	Sloan	3	1 x 1
189279	sa92-335 g	0:54:59.99	+00:44:13.0	J2000.00	1.176	179.8	05:36:31.6	9.6	g	Sloan	4	1 x 1
189280	sa92-335 r	0:54:59.99	+00:44:12.9	J2000.00	1.181	179.8	05:39:36.6	10.1	r	Sloan	1	1 x 1
189281	sa92-335 r	0:54:59.99	+00:44:12.9	J2000.00	1.181	179.8	05:39:36.6	10.1	r	Sloan	5	1 x 1
189282	sa92-335 r	0:54:59.99	+00:44:12.9	J2000.00	1.181	179.8	05:39:36.6	10.1	r	Sloan	3	1 x 1
189283	sa92-335 r	0:54:59.99	+00:44:12.9	J2000.00	1.181	179.8	05:39:36.6	10.1	r	Sloan	4	1 x 1
189284	sa92-335 i	0:55:00.00	+00:44:12.9	J2000.00	1.189	179.8	05:44:50.6	10.1	i	Sloan	1	1 x 1
189285	sa92-335 i	0:55:00.00	+00:44:12.9	J2000.00	1.189	179.8	05:44:50.6	10.1	i	Sloan	5	1 x 1

189286	sa92-335 i	0:55:00.00	+00:44:12.9	J2000.00	1.189	179.8	05:44:50.6	10.1	i	Sloan	3	1 x 1
189287	sa92-335 i	0:55:00.00	+00:44:12.9	J2000.00	1.189	179.8	05:44:50.6	10.1	i	Sloan	4	1 x 1
189288	Flat field	23:54:08.89	+59:28:17.9	B1950.00	1.294	179.8	05:59:07.0	76.1	g	Sloan	1	1 x 1
189289	Flat field	23:54:08.89	+59:28:17.9	B1950.00	1.294	179.8	05:59:07.0	76.1	g	Sloan	5	1 x 1
189290	Flat field	23:54:08.89	+59:28:17.9	B1950.00	1.294	179.8	05:59:07.0	76.1	g	Sloan	3	1 x 1
189291	Flat field	23:54:08.89	+59:28:17.9	B1950.00	1.294	179.8	05:59:07.0	76.1	g	Sloan	4	1 x 1
189292	Flat field	23:54:10.21	+59:28:27.9	B1950.00	1.302	179.8	06:03:47.5	29.8	g	Sloan	1	1 x 1
189293	Flat field	23:54:10.21	+59:28:27.9	B1950.00	1.302	179.8	06:03:47.5	29.8	g	Sloan	5	1 x 1
189294	Flat field	23:54:10.21	+59:28:27.9	B1950.00	1.302	179.8	06:03:47.5	29.8	g	Sloan	3	1 x 1
189295	Flat field	23:54:10.21	+59:28:27.9	B1950.00	1.302	179.8	06:03:47.5	29.8	g	Sloan	4	1 x 1
189296	Flat field	23:54:10.21	+59:28:28.0	B1950.00	1.311	179.8	06:08:38.9	16.5	r	Sloan	1	1 x 1
189297	Flat field	23:54:10.21	+59:28:28.0	B1950.00	1.311	179.8	06:08:38.9	16.5	r	Sloan	5	1 x 1
189298	Flat field	23:54:10.21	+59:28:28.0	B1950.00	1.311	179.8	06:08:38.9	16.5	r	Sloan	3	1 x 1
189299	Flat field	23:54:10.21	+59:28:28.0	B1950.00	1.311	179.8	06:08:38.9	16.5	r	Sloan	4	1 x 1
189300	Flat field	23:54:06.92	+59:28:02.9	B1950.00	1.320	179.8	06:12:41.5	6.0	r	Sloan	1	1 x 1
189301	Flat field	23:54:06.92	+59:28:02.9	B1950.00	1.320	179.8	06:12:41.5	6.0	r	Sloan	5	1 x 1
189302	Flat field	23:54:06.92	+59:28:02.9	B1950.00	1.320	179.8	06:12:41.5	6.0	r	Sloan	3	1 x 1
189303	Flat field	23:54:06.92	+59:28:02.9	B1950.00	1.320	179.8	06:12:41.5	6.0	r	Sloan	4	1 x 1
189304	Flat field	23:54:08.91	+59:28:17.8	B1950.00	1.327	179.8	06:15:59.5	2.1	r	Sloan	1	1 x 1
189305	Flat field	23:54:08.91	+59:28:17.8	B1950.00	1.327	179.8	06:15:59.5	2.1	r	Sloan	5	1 x 1
189306	Flat field	23:54:08.91	+59:28:17.8	B1950.00	1.327	179.8	06:15:59.5	2.1	r	Sloan	3	1 x 1
189307	Flat field	23:54:08.91	+59:28:17.8	B1950.00	1.327	179.8	06:15:59.5	2.1	r	Sloan	4	1 x 1
189308	Bias frame	23:54:08.90	+59:28:17.9	B1950.00	1.335	179.8	06:19:39.1	0.0	r	Sloan	1	1 x 1
189309	Bias frame	23:54:08.90	+59:28:17.9	B1950.00	1.335	179.8	06:19:39.1	0.0	r	Sloan	5	1 x 1
189310	Bias frame	23:54:08.90	+59:28:17.9	B1950.00	1.335	179.8	06:19:39.1	0.0	r	Sloan	3	1 x 1
189311	Bias frame	23:54:08.90	+59:28:17.9	B1950.00	1.335	179.8	06:19:39.1	0.0	r	Sloan	4	1 x 1