INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:             INT
DATE:                  1999 Aug 4
INT TAPE NR:           INTD 4139-40
OBSERVER:              Steve Smart
PROGRAMME:             S/D
PATT/CAT:              S/D + NL M3
TELESCOPE OPERATOR:    ----
SUPPORT ASTRONOMER:    Steve Smart

FOCUS:                 Prime
INSTRUMENT:            WFC
FILTER WHEEL (PF):     KP, g, r, i, Z, U,
CAMERA (IDS):          -
COLLIMATOR (IDS):      -
COLL. FOCUS (IDS):     -
GRATING (IDS):         -
DETECTOR:              EEV10
PIXELS:                2148x4200
PIXEL SIZE (microns): 13.5
WINDOW:                Xstart=, Xsize=, Ystart=, Ysize=
BINNING:               in X=1, in Y=1

WEATHER:               Good
OUTSIDE TEMP (deg C):   14.7            (FIRST HALF)
OUTSIDE TEMP (deg C):   13.0            (SECOND HALF)
HUMIDITY (%):           24              (FIRST HALF)
HUMIDITY (%):           23              (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):         -              (FIRST HALF)
SEEING (arcsec):         -              (SECOND HALF)
AV. SEEING (arcsec):     -
NO. SEEING MEASURES:     0

UTC    TELESCOPE                CASELLA OUT   CASELLA IN    SEEING
       AZ   ZD  Focus  TubeTemp  Temp   Humid  Temp   Humid  Det./TV  Comments

DARK HOURS:            07:38
DOME OPEN (UTC):       20:00
MOON PHASE (D/G/B):        B
DK HRS LOST (WEATHER):00:00
DK HRS LOST (TELESC): 00:00
DK HRS LOST (DOME):    00:00
DK HRS LOST (INSTR.): 00:00
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

 186133 Flat field           15:30:00.00 +40:00:00.0 J2000.00 1.026 179.7 20:19:35.5      3.0        U        RGO    1      1 x 1
 186134 Flat field           15:30:00.00 +40:00:00.0 J2000.00 1.026 179.7 20:19:35.5      3.0        U        RGO    5      1 x 1
 186135 Flat field           15:30:00.00 +40:00:00.0 J2000.00 1.026 179.7 20:19:35.5      3.0        U        RGO    3      1 x 1
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186136	Flat field	15:30:00.00	+40:00:00.0	J2000.00	1.026	179.7	20:19:35.5	3.0	U	RGO	4	1 x 1	
186137	Flat field	15:30:01.30	+40:00:15.0	J2000.00	1.027	179.7	20:22:42.9	8.3	U	RGO	1	1 x 1	
186138	Flat field	15:30:01.30	+40:00:15.0	J2000.00	1.027	179.7	20:22:42.9	8.3	U	RGO	5	1 x 1	
186139	Flat field	15:30:01.30	+40:00:15.0	J2000.00	1.027	179.7	20:22:42.9	8.3	U	RGO	3	1 x 1	
186140	Flat field	15:30:01.30	+40:00:15.0	J2000.00	1.027	179.7	20:22:42.9	8.3	U	RGO	4	1 x 1	
186141	Flat field	15:29:58.69	+39:59:45.0	J2000.00	1.029	179.7	20:26:17.0	13.5	U	RGO	1	1 x 1	
186142	Flat field	15:29:58.69	+39:59:45.0	J2000.00	1.029	179.7	20:26:17.0	13.5	U	RGO	5	1 x 1	
186143	Flat field	15:29:58.69	+39:59:45.0	J2000.00	1.029	179.7	20:26:17.0	13.5	U	RGO	3	1 x 1	
186144	Flat field	15:29:58.69	+39:59:45.0	J2000.00	1.029	179.7	20:26:17.0	13.5	U	RGO	4	1 x 1	
186145	Flat field	15:29:57.38	+39:59:30.0	J2000.00	1.030	179.7	20:29:46.0	32.8	U	RGO	1	1 x 1	
186146	Flat field	15:29:57.38	+39:59:30.0	J2000.00	1.030	179.7	20:29:46.0	32.8	U	RGO	5	1 x 1	
186147	Flat field	15:29:57.38	+39:59:30.0	J2000.00	1.030	179.7	20:29:46.0	32.8	U	RGO	3	1 x 1	
186148	Flat field	15:29:57.38	+39:59:30.0	J2000.00	1.030	179.7	20:29:46.0	32.8	U	RGO	4	1 x 1	
186149	Flat field	15:29:57.39	+39:59:30.0	J2000.00	1.033	179.7	20:33:29.5	22.4	r	Sloan	1	1 x 1	
186150	Flat field	15:29:57.39	+39:59:30.0	J2000.00	1.033	179.7	20:33:29.5	22.4	r	Sloan	5	1 x 1	
186151	Flat field	15:29:57.39	+39:59:30.0	J2000.00	1.033	179.7	20:33:29.5	22.4	r	Sloan	3	1 x 1	
186152	Flat field	15:29:57.39	+39:59:30.0	J2000.00	1.033	179.7	20:33:29.5	22.4	r	Sloan	4	1 x 1	
186153	Flat field	15:29:58.69	+39:59:44.9	J2000.00	1.035	179.7	20:36:55.9	68.2	r	Sloan	1	1 x 1	
186154	Flat field	15:29:58.69	+39:59:44.9	J2000.00	1.035	179.7	20:36:55.9	68.2	r	Sloan	5	1 x 1	
186155	Flat field	15:29:58.69	+39:59:44.9	J2000.00	1.035	179.7	20:36:55.9	68.2	r	Sloan	3	1 x 1	
186156	Flat field	15:29:58.69	+39:59:44.9	J2000.00	1.035	179.7	20:36:55.9	68.2	r	Sloan	4	1 x 1	
186157	Flat field	15:30:01.30	+40:00:14.9	J2000.00	1.038	179.7	20:41:34.8	132.5	r	Sloan	1	1 x 1	
186158	Flat field	15:30:01.30	+40:00:14.9	J2000.00	1.038	179.7	20:41:34.8	132.5	r	Sloan	5	1 x 1	
186159	Flat field	15:30:01.30	+40:00:14.9	J2000.00	1.038	179.7	20:41:34.8	132.5	r	Sloan	3	1 x 1	
186160	Flat field	15:30:01.30	+40:00:14.9	J2000.00	1.038	179.7	20:41:34.8	132.5	r	Sloan	4	1 x 1	
186161	Focus run	16:20:00.00	+29:01:44.9	J2000.00	1.001	179.7	20:52:03.9	5.1	U	RGO	1	1 x 1	
186162	Focus run	16:20:00.00	+29:01:44.9	J2000.00	1.001	179.7	20:52:03.9	5.1	U	RGO	5	1 x 1	
186163	Focus run	16:20:00.00	+29:01:44.9	J2000.00	1.001	179.7	20:52:03.9	5.1	U	RGO	3	1 x 1	
186164		16:20:00.00	+29:01:44.9	J2000.00	1.001	179.7	20:52:03.9	5.1	U	RGO	4	1 x 1	
186173	SA107-602	15:39:19.00	-00:15:28.9	J2000.00	1.198	179.7	21:08:19.8	30.1	U	RGO	1	1 x 1	Out of foc
186174	SA107-602	15:39:19.00	-00:15:28.9	J2000.00	1.198	179.7	21:08:19.8	30.1	U	RGO	5	1 x 1	
186175	SA107-602	15:39:19.00	-00:15:28.9	J2000.00	1.198	179.7	21:08:19.8	30.1	U	RGO	3	1 x 1	
186176	SA107-602	15:39:19.00	-00:15:28.9	J2000.00	1.198	179.7	21:08:19.8	30.1	U	RGO	4	1 x 1	
186177	SA107-602	15:39:19.00	-00:15:29.0	J2000.00	1.204	179.7	21:11:50.4	30.1	U	RGO	1	1 x 1	
186178	SA107-602	15:39:19.00	-00:15:29.0	J2000.00	1.204	179.7	21:11:50.4	30.1	U	RGO	5	1 x 1	
186179	SA107-602	15:39:19.00	-00:15:29.0	J2000.00	1.204	179.7	21:11:50.4	30.1	U	RGO	3	1 x 1	
186180	SA107-602	15:39:19.00	-00:15:29.0	J2000.00	1.204	179.7	21:11:50.4	30.1	U	RGO	4	1 x 1	
186181	S16+00	16:14:20.74	-03:41:39.5	J2000.00	1.231	179.7	21:35:34.9	1.9	r	Sloan	5	1 x 1	
186182	S16+00	16:14:20.74	-03:41:39.5	J2000.00	1.231	179.7	21:35:34.9	1.9	r	Sloan	3	1 x 1	
186183	S16+00	16:14:20.74	-03:41:39.5	J2000.00	1.255	179.7	21:49:36.5	4.6	U	RGO	1	1 x 1	
186184	S16+00	16:14:20.74	-03:41:39.5	J2000.00	1.255	179.7	21:49:36.5	4.6	U	RGO	5	1 x 1	
186185	S16+00	16:14:20.74	-03:41:39.5	J2000.00	1.255	179.7	21:49:36.5	4.6	U	RGO	3	1 x 1	
186186	S16+00	16:14:20.74	-03:41:39.5	J2000.00	1.255	179.7	21:49:36.5	4.6	U	RGO	4	1 x 1	
186187	Bias frame	16:14:20.74	-03:41:39.4	J2000.00	1.263	179.7	21:53:49.0	0.0	U	RGO	1	1 x 1	
186188	Bias frame	16:14:20.74	-03:41:39.4	J2000.00	1.263	179.7	21:53:49.0	0.0	U	RGO	5	1 x 1	
186189	Bias frame	16:14:20.74	-03:41:39.4	J2000.00	1.263	179.7	21:53:49.0	0.0	U	RGO	3	1 x 1	
186190	Bias frame	16:14:20.74	-03:41:39.4	J2000.00	1.263	179.7	21:53:49.0	0.0	U	RGO	4	1 x 1	
186199	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	2.900	179.7	22:11:24.5	0.0	r	Sloan	1	1 x 1	
186200	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	2.900	179.7	22:11:24.5	0.0	r	Sloan	5	1 x 1	
186201	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	2.900	179.7	22:11:24.5	0.0	r	Sloan	3	1 x 1	
186202	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	2.900	179.7	22:11:24.5	0.0	r	Sloan	4	1 x 1	
186203	Dra-CW1	17:18:11.00	+58:06:39.9	J2000.00	1.168	179.7	22:30:13.8	899.1	U	RGO	1	1 x 1	
186204	Dra-CW1	17:18:11.00	+58:06:39.9	J2000.00	1.168	179.7	22:30:13.8	899.1	U	RGO	5	1 x 1	
186205	Dra-CW1	17:18:11.00	+58:06:39.9	J2000.00	1.168	179.7	22:30:13.8	899.1	U	RGO	3	1 x 1	
186206	Dra-CW1	17:18:11.00	+58:06:39.9	J2000.00	1.168	179.7	22:30:13.8	899.1	U	RGO	4	1 x 1	
186207	Dra-CW2	17:18:11.00	+58:07:24.9	J2000.00	1.185	179.7	22:49:32.8	899.2	U	RGO	1	1 x 1	
186208	Dra-CW2	17:18:11.00	+58:07:24.9	J2000.00	1.185	179.7	22:49:32.8	899.2	U	RGO	5	1 x 1	
186209	Dra-CW2	17:18:11.00	+58:07:24.9	J2000.00	1.185	179.7	22:49:32.8	899.2	U	RGO	3	1 x 1	
186210	Dra-CW2	17:18:11.00	+58:07:24.9	J2000.00	1.185	179.7	22:49:32.8	899.2	U	RGO	4	1 x 1	
186211	Dra-CW3	17:18:16.70	+58:06:40.0	J2000.00	1.206	179.7	23:08:52.7	899.3	U	RGO	1	1 x 1	
186212	Dra-CW3	17:18:16.70	+58:06:40.0	J2000.00	1.206	179.7	23:08:52.7	899.3	U	RGO	5	1 x 1	
186213	Dra-CW3	17:18:16.70	+58:06:40.0	J2000.00	1.206	179.7	23:08:52.7	899.3	U	RGO	3	1 x 1	

186214	Dra-CW3	17:18:16.70	+58:06:40.0	J2000.00	1.206	179.7	23:08:52.7	899.3	U	RGO	4	1 x 1
186215	Dra-Cen1	17:22:37.00	+57:53:30.0	J2000.00	1.225	179.7	23:29:32.9	899.1	U	RGO	1	1 x 1
186216	Dra-Cen1	17:22:37.00	+57:53:30.0	J2000.00	1.225	179.7	23:29:32.9	899.1	U	RGO	5	1 x 1
186217	Dra-Cen1	17:22:37.00	+57:53:30.0	J2000.00	1.225	179.7	23:29:32.9	899.1	U	RGO	3	1 x 1
186218	Dra-Cen1	17:22:37.00	+57:53:30.0	J2000.00	1.225	179.7	23:29:32.9	899.1	U	RGO	4	1 x 1
186219	Dra-Cen2	17:22:37.00	+57:54:14.9	J2000.00	1.257	179.7	23:48:54.0	899.0	U	RGO	1	1 x 1
186220	Dra-Cen2	17:22:37.00	+57:54:14.9	J2000.00	1.257	179.7	23:48:54.0	899.0	U	RGO	5	1 x 1
186221	Dra-Cen2	17:22:37.00	+57:54:14.9	J2000.00	1.257	179.7	23:48:54.0	899.0	U	RGO	3	1 x 1
186222	Dra-Cen2	17:22:37.00	+57:54:14.9	J2000.00	1.257	179.7	23:48:54.0	899.0	U	RGO	4	1 x 1
186223	Dra-Cen3	17:22:42.50	+57:53:30.0	J2000.00	1.294	179.7	00:08:11.3	899.2	U	RGO	1	1 x 1
186224	Dra-Cen3	17:22:42.50	+57:53:30.0	J2000.00	1.294	179.7	00:08:11.3	899.2	U	RGO	5	1 x 1
186225	Dra-Cen3	17:22:42.50	+57:53:30.0	J2000.00	1.294	179.7	00:08:11.3	899.2	U	RGO	3	1 x 1
186226	Dra-Cen3	17:22:42.50	+57:53:30.0	J2000.00	1.294	179.7	00:08:11.3	899.2	U	RGO	4	1 x 1
186227	NGC7006	21:01:28.99	+16:11:40.0	J2000.00	1.046	179.7	00:29:35.1	30.1	U	RGO	1	1 x 1
186228	NGC7006	21:01:28.99	+16:11:40.0	J2000.00	1.046	179.7	00:29:35.1	30.1	U	RGO	5	1 x 1
186229	NGC7006	21:01:28.99	+16:11:40.0	J2000.00	1.046	179.7	00:29:35.1	30.1	U	RGO	3	1 x 1
186230	NGC7006	21:01:28.99	+16:11:40.0	J2000.00	1.046	179.7	00:29:35.1	30.1	U	RGO	4	1 x 1
186231	NGC7006	21:01:29.00	+16:11:40.0	J2000.00	1.043	179.7	00:33:07.7	100.0	U	RGO	1	1 x 1
186232	NGC7006	21:01:29.00	+16:11:40.0	J2000.00	1.043	179.7	00:33:07.7	100.0	U	RGO	5	1 x 1
186233	NGC7006	21:01:29.00	+16:11:40.0	J2000.00	1.043	179.7	00:33:07.7	100.0	U	RGO	3	1 x 1
186234	NGC7006	21:01:29.00	+16:11:40.0	J2000.00	1.043	179.7	00:33:07.7	100.0	U	RGO	4	1 x 1
186235	SA113-163	21:42:35.00	+00:16:46.0	J2000.00	1.212	179.7	00:40:08.6	30.1	U	RGO	1	1 x 1
186236	SA113-163	21:42:35.00	+00:16:46.0	J2000.00	1.212	179.7	00:40:08.6	30.1	U	RGO	5	1 x 1
186237	SA113-163	21:42:35.00	+00:16:46.0	J2000.00	1.212	179.7	00:40:08.6	30.1	U	RGO	3	1 x 1
186238	SA113-163	21:42:35.00	+00:16:46.0	J2000.00	1.212	179.7	00:40:08.6	30.1	U	RGO	4	1 x 1
186239	OGLE-1999-BUL-36	18:20:30.00	-21:20:29.9	J2000.00	1.905	179.7	00:43:51.0	30.1	r	Sloan	1	1 x 1
186240	OGLE-1999-BUL-36	18:20:30.00	-21:20:29.9	J2000.00	1.905	179.7	00:43:51.0	30.1	r	Sloan	5	1 x 1
186241	OGLE-1999-BUL-36	18:20:30.00	-21:20:29.9	J2000.00	1.905	179.7	00:43:51.0	30.1	r	Sloan	3	1 x 1
186242	OGLE-1999-BUL-36	18:20:30.00	-21:20:29.9	J2000.00	1.905	179.7	00:43:51.0	30.1	r	Sloan	4	1 x 1
186243	99-BLG-47	18:30:49.40	-14:10:52.8	J2000.00	1.611	179.7	00:48:44.1	30.1	r	Sloan	1	1 x 1
186244	99-BLG-47	18:30:49.40	-14:10:52.8	J2000.00	1.611	179.7	00:48:44.1	30.1	r	Sloan	5	1 x 1
186245	99-BLG-47	18:30:49.40	-14:10:52.8	J2000.00	1.611	179.7	00:48:44.1	30.1	r	Sloan	3	1 x 1
186246	99-BLG-47	18:30:49.40	-14:10:52.8	J2000.00	1.611	179.7	00:48:44.1	30.1	r	Sloan	4	1 x 1
186247	OGLE-1999-BUL-36CO	18:20:30.00	-21:57:03.9	J2000.00	2.148	179.7	01:09:45.8	30.1	r	Sloan	1	1 x 1
186248	OGLE-1999-BUL-36CO	18:20:30.00	-21:57:03.9	J2000.00	2.148	179.7	01:09:45.8	30.1	r	Sloan	5	1 x 1
186249	OGLE-1999-BUL-36CO	18:20:30.00	-21:57:03.9	J2000.00	2.148	179.7	01:09:45.8	30.1	r	Sloan	3	1 x 1
186250	OGLE-1999-BUL-36CO	18:20:30.00	-21:57:03.9	J2000.00	2.148	179.7	01:09:45.8	30.1	r	Sloan	4	1 x 1
186251	99-BLG-47	18:30:49.40	-14:10:53.0	J2000.00	1.763	179.7	01:15:10.4	30.1	r	Sloan	1	1 x 1
186252	99-BLG-47	18:30:49.40	-14:10:53.0	J2000.00	1.763	179.7	01:15:10.4	30.1	r	Sloan	5	1 x 1
186253	99-BLG-47	18:30:49.40	-14:10:53.0	J2000.00	1.763	179.7	01:15:10.4	30.1	r	Sloan	3	1 x 1
186254	99-BLG-47	18:30:49.40	-14:10:53.0	J2000.00	1.763	179.7	01:15:10.4	30.1	r	Sloan	4	1 x 1
186263	WFSSGC012	22:22:00.00	+00:00:00.0	J2000.00	1.167	179.7	01:46:24.6	599.5	z	Gunn	1	1 x 1
186264	WFSSGC012	22:22:00.00	+00:00:00.0	J2000.00	1.167	179.7	01:46:24.6	599.5	z	Gunn	5	1 x 1
186265	WFSSGC012	22:22:00.00	+00:00:00.0	J2000.00	1.167	179.7	01:46:24.6	599.5	z	Gunn	3	1 x 1
186266	WFSSGC012	22:22:00.00	+00:00:00.0	J2000.00	1.167	179.7	01:46:24.6	599.5	z	Gunn	4	1 x 1
186267	wfssgc013	22:24:00.00	-00:00:00.1	J2000.00	1.155	179.7	02:01:11.2	599.1	z	Gunn	1	1 x 1
186268	wfssgc013	22:24:00.00	-00:00:00.1	J2000.00	1.155	179.7	02:01:11.2	599.1	z	Gunn	5	1 x 1
186269	wfssgc013	22:24:00.00	-00:00:00.1	J2000.00	1.155	179.7	02:01:11.2	599.1	z	Gunn	3	1 x 1
186270	wfssgc013	22:24:00.00	-00:00:00.1	J2000.00	1.155	179.7	02:01:11.2	599.1	z	Gunn	4	1 x 1
186271	M31-microfld1	0:44:00.00	+41:34:00.0	J2000.00	1.218	179.7	02:17:17.5	599.4	r	Sloan	1	1 x 1
186272	M31-microfld1	0:44:00.00	+41:34:00.0	J2000.00	1.218	179.7	02:17:17.5	599.4	r	Sloan	5	1 x 1
186273	M31-microfld1	0:44:00.00	+41:34:00.0	J2000.00	1.218	179.7	02:17:17.5	599.4	r	Sloan	3	1 x 1
186274	M31-microfld1	0:44:00.00	+41:34:00.0	J2000.00	1.218	179.7	02:17:17.5	599.4	r	Sloan	4	1 x 1
186275	M31-microfld1	0:44:00.00	+41:33:59.9	J2000.00	1.184	179.7	02:30:23.6	599.0	r	Sloan	1	1 x 1
186276	M31-microfld1	0:44:00.00	+41:33:59.9	J2000.00	1.184	179.7	02:30:23.6	599.0	r	Sloan	5	1 x 1
186277	M31-microfld1	0:44:00.00	+41:33:59.9	J2000.00	1.184	179.7	02:30:23.6	599.0	r	Sloan	3	1 x 1
186278	M31-microfld1	0:44:00.00	+41:33:59.9	J2000.00	1.184	179.7	02:30:23.6	599.0	r	Sloan	4	1 x 1
186279	M31-microfld1	0:44:00.00	+41:34:00.1	J2000.00	1.155	179.7	02:43:27.3	599.4	i	Sloan	1	1 x 1
186280	M31-microfld1	0:44:00.00	+41:34:00.1	J2000.00	1.155	179.7	02:43:27.3	599.4	i	Sloan	5	1 x 1
186281	M31-microfld1	0:44:00.00	+41:34:00.1	J2000.00	1.155	179.7	02:43:27.3	599.4	i	Sloan	3	1 x 1
186282	M31-microfld1	0:44:00.00	+41:34:00.1	J2000.00	1.155	179.7	02:43:27.3	599.4	i	Sloan	4	1 x 1
186283	M31-microfld1	0:44:00.00	+41:33:59.9	J2000.00	1.129	179.7	02:56:33.7	599.7	i	Sloan	1	1 x 1

186284	M31-microfld1	0:44:00.00	+41:33:59.9	J2000.00	1.129	179.7	02:56:33.7	599.7	i	Sloan	5	1 x 1
186285	M31-microfld1	0:44:00.00	+41:33:59.9	J2000.00	1.129	179.7	02:56:33.7	599.7	i	Sloan	3	1 x 1
186286	M31-microfld1	0:44:00.00	+41:33:59.9	J2000.00	1.129	179.7	02:56:33.7	599.7	i	Sloan	4	1 x 1
186287	M31-microfld1	0:43:59.99	+41:34:00.0	J2000.00	1.106	179.7	03:09:36.7	599.4	i	Sloan	1	1 x 1
186288	M31-microfld1	0:43:59.99	+41:34:00.0	J2000.00	1.106	179.7	03:09:36.7	599.4	i	Sloan	5	1 x 1
186289	M31-microfld1	0:43:59.99	+41:34:00.0	J2000.00	1.106	179.7	03:09:36.7	599.4	i	Sloan	3	1 x 1
186290	M31-microfld1	0:43:59.99	+41:34:00.0	J2000.00	1.106	179.7	03:09:36.7	599.4	i	Sloan	4	1 x 1
186295	M31-microfld1	0:43:59.99	+41:33:59.9	J2000.00	1.074	179.7	03:32:56.6	599.6	g	Sloan	1	1 x 1
186296	M31-microfld1	0:43:59.99	+41:33:59.9	J2000.00	1.074	179.7	03:32:56.6	599.6	g	Sloan	5	1 x 1
186297	M31-microfld1	0:43:59.99	+41:33:59.9	J2000.00	1.074	179.7	03:32:56.6	599.6	g	Sloan	3	1 x 1
186298	M31-microfld1	0:43:59.99	+41:33:59.9	J2000.00	1.074	179.7	03:32:56.6	599.6	g	Sloan	4	1 x 1
186299	M31-microfld1	0:44:00.00	+41:34:00.0	J2000.00	1.060	179.7	03:46:03.7	599.5	g	Sloan	1	1 x 1
186300	M31-microfld1	0:44:00.00	+41:34:00.0	J2000.00	1.060	179.7	03:46:03.7	599.5	g	Sloan	5	1 x 1
186301	M31-microfld1	0:44:00.00	+41:34:00.0	J2000.00	1.060	179.7	03:46:03.7	599.5	g	Sloan	3	1 x 1
186302	M31-microfld1	0:44:00.00	+41:34:00.0	J2000.00	1.060	179.7	03:46:03.7	599.5	g	Sloan	4	1 x 1
186303	M31-microfld2	0:43:10.00	+40:58:14.9	J2000.00	1.043	179.7	04:01:38.9	599.5	g	Sloan	1	1 x 1
186304	M31-microfld2	0:43:10.00	+40:58:14.9	J2000.00	1.043	179.7	04:01:38.9	599.5	g	Sloan	5	1 x 1
186305	M31-microfld2	0:43:10.00	+40:58:14.9	J2000.00	1.043	179.7	04:01:38.9	599.5	g	Sloan	3	1 x 1
186306	M31-microfld2	0:43:10.00	+40:58:14.9	J2000.00	1.043	179.7	04:01:38.9	599.5	g	Sloan	4	1 x 1
186307	M31-microfld2	0:43:09.99	+40:58:15.0	J2000.00	1.035	179.7	04:14:42.8	599.5	g	Sloan	1	1 x 1
186308	M31-microfld2	0:43:09.99	+40:58:15.0	J2000.00	1.035	179.7	04:14:42.8	599.5	g	Sloan	5	1 x 1
186309	M31-microfld2	0:43:09.99	+40:58:15.0	J2000.00	1.035	179.7	04:14:42.8	599.5	g	Sloan	3	1 x 1
186310	M31-microfld2	0:43:09.99	+40:58:15.0	J2000.00	1.035	179.7	04:14:42.8	599.5	g	Sloan	4	1 x 1
186311	M31-microfld2	0:43:10.00	+40:58:14.8	J2000.00	1.029	179.7	04:27:46.7	599.6	r	Sloan	1	1 x 1
186312	M31-microfld2	0:43:10.00	+40:58:14.8	J2000.00	1.029	179.7	04:27:46.7	599.6	r	Sloan	5	1 x 1
186313	M31-microfld2	0:43:10.00	+40:58:14.8	J2000.00	1.029	179.7	04:27:46.7	599.6	r	Sloan	3	1 x 1
186314	M31-microfld2	0:43:10.00	+40:58:14.8	J2000.00	1.029	179.7	04:27:46.7	599.6	r	Sloan	4	1 x 1
186315	M31-microfld2	0:43:10.00	+40:58:15.0	J2000.00	1.025	179.7	04:40:53.3	599.2	r	Sloan	1	1 x 1
186316	M31-microfld2	0:43:10.00	+40:58:15.0	J2000.00	1.025	179.7	04:40:53.3	599.2	r	Sloan	5	1 x 1
186317	M31-microfld2	0:43:10.00	+40:58:15.0	J2000.00	1.025	179.7	04:40:53.3	599.2	r	Sloan	3	1 x 1
186318	M31-microfld2	0:43:10.00	+40:58:15.0	J2000.00	1.025	179.7	04:40:53.3	599.2	r	Sloan	4	1 x 1
186319	M31-microfld2	0:43:09.99	+40:58:14.9	J2000.00	1.023	179.7	04:53:56.6	598.9	i	Sloan	1	1 x 1
186320	M31-microfld2	0:43:09.99	+40:58:14.9	J2000.00	1.023	179.7	04:53:56.6	598.9	i	Sloan	5	1 x 1
186321	M31-microfld2	0:43:09.99	+40:58:14.9	J2000.00	1.023	179.7	04:53:56.6	598.9	i	Sloan	3	1 x 1
186322	M31-microfld2	0:43:09.99	+40:58:14.9	J2000.00	1.023	179.7	04:53:56.6	598.9	i	Sloan	4	1 x 1
186323	M31-microfld2	0:43:09.99	+40:58:14.9	J2000.00	1.024	179.7	05:07:03.4	599.4	i	Sloan	1	1 x 1
186324	M31-microfld2	0:43:09.99	+40:58:14.9	J2000.00	1.024	179.7	05:07:03.4	599.4	i	Sloan	5	1 x 1
186325	M31-microfld2	0:43:09.99	+40:58:14.9	J2000.00	1.024	179.7	05:07:03.4	599.4	i	Sloan	3	1 x 1
186326	M31-microfld2	0:43:09.99	+40:58:14.9	J2000.00	1.024	179.7	05:07:03.4	599.4	i	Sloan	4	1 x 1
186327	SA92-335	0:55:00.00	+00:44:12.8	J2000.00	1.133	179.7	05:22:30.5	10.1	g	Sloan	1	1 x 1
186328	SA92-335	0:55:00.00	+00:44:12.8	J2000.00	1.133	179.7	05:22:30.5	10.1	g	Sloan	5	1 x 1
186329	SA92-335	0:55:00.00	+00:44:12.8	J2000.00	1.133	179.7	05:22:30.5	10.1	g	Sloan	3	1 x 1
186330	SA92-335	0:55:00.00	+00:44:12.8	J2000.00	1.133	179.7	05:22:30.5	10.1	g	Sloan	4	1 x 1
186331	SA92-335	0:55:00.00	+00:44:13.0	J2000.00	1.134	179.7	05:26:11.6	10.1	r	Sloan	1	1 x 1
186332	SA92-335	0:55:00.00	+00:44:13.0	J2000.00	1.134	179.7	05:26:11.6	10.1	r	Sloan	5	1 x 1
186333	SA92-335	0:55:00.00	+00:44:13.0	J2000.00	1.134	179.7	05:26:11.6	10.1	r	Sloan	3	1 x 1
186334	SA92-335	0:55:00.00	+00:44:13.0	J2000.00	1.134	179.7	05:26:11.6	10.1	r	Sloan	4	1 x 1
186339	SA92-335	0:55:00.00	+00:44:12.9	J2000.00	1.137	179.7	05:33:31.3	10.1	i	Sloan	1	1 x 1
186340	SA92-335	0:55:00.00	+00:44:12.9	J2000.00	1.137	179.7	05:33:31.3	10.1	i	Sloan	5	1 x 1
186341	SA92-335	0:55:00.00	+00:44:12.9	J2000.00	1.137	179.7	05:33:31.3	10.1	i	Sloan	3	1 x 1
186342	SA92-335	0:55:00.00	+00:44:12.9	J2000.00	1.137	179.7	05:33:31.3	10.1	i	Sloan	4	1 x 1
186343	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.7	08:05:34.1	0.0	i	Sloan	1	1 x 1
186344	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.7	08:05:34.1	0.0	i	Sloan	5	1 x 1
186345	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.7	08:05:34.1	0.0	i	Sloan	3	1 x 1
186346	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.7	08:05:34.1	0.0	i	Sloan	4	1 x 1