INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:             INT
DATE:                  1999 May 13/14
INT TAPE NR:           INTD4047
OBSERVER:              P.Groot, M. Everett, M. Huber
PROGRAMME:             The faint sky varibility survey
PATT/CAT:              WFS10
TELESCOPE OPERATOR:    -
SUPPORT ASTRONOMER:    -

FOCUS:                 PRIME
INSTRUMENT:            WFC
FILTER WHEEL (PF):     I,R,V,B,U,Z
CAMERA (IDS):          ---
COLLIMATOR (IDS):      ---
COLL. FOCUS (IDS):     ---
GRATING (IDS):         ---
DETECTOR:              4xEEV
PIXELS:                2K x 4K
PIXEL SIZE (microns): 13.5
WINDOW:                none
BINNING:               none

WEATHER:               good
OUTSIDE TEMP (deg C): 15.0        (FIRST HALF)
OUTSIDE TEMP (deg C): 15.0        (SECOND HALF)
HUMIDITY (%):          15         (FIRST HALF)
HUMIDITY (%):          15         (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:    -

UTC    TELESCOPE                CASELLA OUT   CASELLA IN    SEEING
       AZ    EL  Focus  TComp    Temp   Humid  Temp   Humid  Det./TV  Comments

DARK HOURS:            07:30
DOME OPEN (UTC):       19:30
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.): 01:30
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
164032	Bias frame	0:00:00.00	+00:00:00.0	B1950.00	4.520	179.8	12:39:59.8	0.0	R	Harris	1	1 x 1	
164033	Bias frame	0:00:00.00	+00:00:00.0	B1950.00	4.520	179.8	12:39:59.8	0.0	R	Harris	5	1 x 1	
164034	Bias frame	0:00:00.00	+00:00:00.0	B1950.00	4.520	179.8	12:39:59.8	0.0	R	Harris	3	1 x 1	
164035	Bias frame	0:00:00.00	+00:00:00.0	B1950.00	4.520	179.8	12:39:59.8	0.0	R	Harris	4	1 x 1	
164036	Bias frame	0:00:00.00	+00:00:00.0	B1950.00	4.520	179.8	13:58:10.3	0.0	U	RGO	1	1 x 1	

164037	Bias frame	0:00:00.00	+00:00:00.0	B1950.00	4.520	179.8	13:58:10.3	0.0	U	RGO	5	1 x 1
164038	Bias frame	0:00:00.00	+00:00:00.0	B1950.00	4.520	179.8	13:58:10.3	0.0	U	RGO	3	1 x 1
164039	Bias frame	0:00:00.00	+00:00:00.0	B1950.00	4.520	179.8	13:58:10.3	0.0	U	RGO	4	1 x 1
164040	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	14:18:39.5	0.0	U	RGO	1	1 x 1
164041	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	14:18:39.5	0.0	U	RGO	5	1 x 1
164042	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	14:18:39.5	0.0	U	RGO	3	1 x 1
164043	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	14:18:39.5	0.0	U	RGO	4	1 x 1
164044	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	14:25:07.6	0.0	U	RGO	1	1 x 1
164045	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	14:25:07.6	0.0	U	RGO	5	1 x 1
164046	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	14:25:07.6	0.0	U	RGO	3	1 x 1
164047	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	14:25:07.6	0.0	U	RGO	4	1 x 1
164048	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:19:46.7	0.0	U	RGO	1	1 x 1
164049	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:19:46.7	0.0	U	RGO	5	1 x 1
164050	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:19:46.7	0.0	U	RGO	3	1 x 1
164051	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:19:46.7	0.0	U	RGO	4	1 x 1
164052	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:30:59.8	0.0	U	RGO	1	1 x 1
164053	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:30:59.8	0.0	U	RGO	5	1 x 1
164054	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:30:59.8	0.0	U	RGO	3	1 x 1
164055	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:30:59.8	0.0	U	RGO	4	1 x 1
164056	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:34:28.9	0.0	U	RGO	1	1 x 1
164057	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:34:28.9	0.0	U	RGO	5	1 x 1
164058	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:34:28.9	0.0	U	RGO	3	1 x 1
164059	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:34:28.9	0.0	U	RGO	4	1 x 1
164060	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:37:08.8	0.0	U	RGO	1	1 x 1
164061	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:37:08.8	0.0	U	RGO	5	1 x 1
164062	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:37:08.8	0.0	U	RGO	3	1 x 1
164063	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:37:08.8	0.0	U	RGO	4	1 x 1
164064	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:39:48.3	0.0	U	RGO	1	1 x 1
164065	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:39:48.3	0.0	U	RGO	5	1 x 1
164066	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:39:48.3	0.0	U	RGO	3	1 x 1
164067	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:39:48.3	0.0	U	RGO	4	1 x 1
164068	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:42:24.3	0.0	U	RGO	1	1 x 1
164069	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:42:24.3	0.0	U	RGO	5	1 x 1
164070	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:42:24.3	0.0	U	RGO	3	1 x 1
164071	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:42:24.3	0.0	U	RGO	4	1 x 1
164072	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:45:03.9	0.0	U	RGO	1	1 x 1
164073	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:45:03.9	0.0	U	RGO	5	1 x 1
164074	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:45:03.9	0.0	U	RGO	3	1 x 1
164075	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:45:03.9	0.0	U	RGO	4	1 x 1
164076	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:47:40.1	0.0	U	RGO	1	1 x 1
164077	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:47:40.1	0.0	U	RGO	5	1 x 1
164078	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:47:40.1	0.0	U	RGO	3	1 x 1
164079	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:47:40.1	0.0	U	RGO	4	1 x 1
164080	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:50:16.3	0.0	U	RGO	1	1 x 1
164081	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:50:16.3	0.0	U	RGO	5	1 x 1
164082	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:50:16.3	0.0	U	RGO	3	1 x 1
164083	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:50:16.3	0.0	U	RGO	4	1 x 1
164084	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:52:52.7	0.0	U	RGO	1	1 x 1
164085	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:52:52.7	0.0	U	RGO	5	1 x 1
164086	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:52:52.7	0.0	U	RGO	3	1 x 1
164087	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:52:52.7	0.0	U	RGO	4	1 x 1
164088	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:55:32.6	0.0	U	RGO	1	1 x 1
164089	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:55:32.6	0.0	U	RGO	5	1 x 1
164090	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:55:32.6	0.0	U	RGO	3	1 x 1
164091	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	179.8	15:55:32.6	0.0	U	RGO	4	1 x 1
164092	Domeflat 5s V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:03:18.9	5.1	V	Harris	1	1 x 1
164093	Domeflat 5s V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:03:18.9	5.1	V	Harris	5	1 x 1
164094	Domeflat 5s V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:03:18.9	5.1	V	Harris	3	1 x 1
164095	Domeflat 5s V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:03:18.9	5.1	V	Harris	4	1 x 1
164096	Domeflat 3s V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:07:30.6	3.1	V	Harris	1	1 x 1
164097	Domeflat 3s V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:07:30.6	3.1	V	Harris	5	1 x 1
164098	Domeflat 3s V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:07:30.6	3.1	V	Harris	3	1 x 1

164099	Domeflat	3s	V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:07:30.6	3.1	V	Harris	4	1 x 1
164100	Domeflat	3s	V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:10:17.4	2.6	V	Harris	1	1 x 1
164101	Domeflat	3s	V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:10:17.4	2.6	V	Harris	5	1 x 1
164102	Domeflat	3s	V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:10:17.4	2.6	V	Harris	3	1 x 1
164103	Domeflat	3s	V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:10:17.4	2.6	V	Harris	4	1 x 1
164104	Domeflat	3s	V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:13:01.5	2.6	V	Harris	1	1 x 1
164105	Domeflat	3s	V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:13:01.5	2.6	V	Harris	5	1 x 1
164106	Domeflat	3s	V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:13:01.5	2.6	V	Harris	3	1 x 1
164107	Domeflat	3s	V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:13:01.5	2.6	V	Harris	4	1 x 1
164108	Domeflat	3s	V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:15:46.0	3.1	V	Harris	1	1 x 1
164109	Domeflat	3s	V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:15:46.0	3.1	V	Harris	5	1 x 1
164110	Domeflat	3s	V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:15:46.0	3.1	V	Harris	3	1 x 1
164111	Domeflat	3s	V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:15:46.0	3.1	V	Harris	4	1 x 1
164112	Domeflat	3s	V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:18:54.8	3.1	V	Harris	1	1 x 1
164113	Domeflat	3s	V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:18:54.8	3.1	V	Harris	5	1 x 1
164114	Domeflat	3s	V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:18:54.8	3.1	V	Harris	3	1 x 1
164115	Domeflat	3s	V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:18:54.8	3.1	V	Harris	4	1 x 1
164116	Domeflat	3s	V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:21:42.0	3.1	V	Harris	1	1 x 1
164117	Domeflat	3s	V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:21:42.0	3.1	V	Harris	5	1 x 1
164118	Domeflat	3s	V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:21:42.0	3.1	V	Harris	3	1 x 1
164119	Domeflat	3s	V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:21:42.0	3.1	V	Harris	4	1 x 1
164120	Domeflat	3s	V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:24:29.4	3.0	V	Harris	1	1 x 1
164121	Domeflat	3s	V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:24:29.4	3.0	V	Harris	5	1 x 1
164122	Domeflat	3s	V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:24:29.4	3.0	V	Harris	3	1 x 1
164123	Domeflat	3s	V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:24:29.4	3.0	V	Harris	4	1 x 1
164124	Domeflat	3s	V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:27:10.9	3.1	V	Harris	1	1 x 1
164125	Domeflat	3s	V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:27:10.9	3.1	V	Harris	5	1 x 1
164126	Domeflat	3s	V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:27:10.9	3.1	V	Harris	3	1 x 1
164127	Domeflat	3s	V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:27:10.9	3.1	V	Harris	4	1 x 1
164128	Domeflat	3s	V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:29:51.6	3.1	V	Harris	1	1 x 1
164129	Domeflat	3s	V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:29:51.6	3.1	V	Harris	5	1 x 1
164130	Domeflat	3s	V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:29:51.6	3.1	V	Harris	3	1 x 1
164131	Domeflat	3s	V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:29:51.6	3.1	V	Harris	4	1 x 1
164132	Domeflat	3s	V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:32:34.9	3.1	V	Harris	1	1 x 1
164133	Domeflat	3s	V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:32:34.9	3.1	V	Harris	5	1 x 1
164134	Domeflat	3s	V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:32:34.9	3.1	V	Harris	3	1 x 1
164135	Domeflat	3s	V	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:32:34.9	3.1	V	Harris	4	1 x 1
164136	Domeflat	4s	B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:39:26.9	4.1	B	Harris	1	1 x 1
164137	Domeflat	4s	B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:39:26.9	4.1	B	Harris	5	1 x 1
164138	Domeflat	4s	B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:39:26.9	4.1	B	Harris	3	1 x 1
164139	Domeflat	4s	B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:39:26.9	4.1	B	Harris	4	1 x 1
164140	Domeflat	4s	B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:47:29.6	4.1	B	Harris	1	1 x 1
164141	Domeflat	4s	B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:47:29.6	4.1	B	Harris	5	1 x 1
164142	Domeflat	4s	B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:47:29.6	4.1	B	Harris	3	1 x 1
164143	Domeflat	4s	B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:47:29.6	4.1	B	Harris	4	1 x 1
164144	Domeflat	4s	B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:50:15.5	4.1	B	Harris	1	1 x 1
164145	Domeflat	4s	B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:50:15.5	4.1	B	Harris	5	1 x 1
164146	Domeflat	4s	B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:50:15.5	4.1	B	Harris	3	1 x 1
164147	Domeflat	4s	B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:50:15.5	4.1	B	Harris	4	1 x 1
164148	Domeflat	4s	B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:53:04.2	4.1	B	Harris	1	1 x 1
164149	Domeflat	4s	B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:53:04.2	4.1	B	Harris	5	1 x 1
164150	Domeflat	4s	B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:53:04.2	4.1	B	Harris	3	1 x 1
164151	Domeflat	4s	B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:53:04.2	4.1	B	Harris	4	1 x 1
164152	Domeflat	4s	B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:55:49.6	2.0	B	Harris	1	1 x 1
164153	Domeflat	4s	B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:55:49.6	2.0	B	Harris	5	1 x 1
164154	Domeflat	4s	B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:55:49.6	2.0	B	Harris	3	1 x 1
164155	Domeflat	4s	B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:55:49.6	2.0	B	Harris	4	1 x 1
164156	Domeflat	4s	B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:58:35.0	4.1	B	Harris	1	1 x 1
164157	Domeflat	4s	B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:58:35.0	4.1	B	Harris	5	1 x 1
164158	Domeflat	4s	B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:58:35.0	4.1	B	Harris	3	1 x 1
164159	Domeflat	4s	B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	16:58:35.0	4.1	B	Harris	4	1 x 1
164160	Domeflat	4s	B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	17:01:24.6	4.1	B	Harris	1	1 x 1

164161	Domeflat 4s B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	17:01:24.6	4.1	B	Harris	5	1 x 1
164162	Domeflat 4s B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	17:01:24.6	4.1	B	Harris	3	1 x 1
164163	Domeflat 4s B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	17:01:24.6	4.1	B	Harris	4	1 x 1
164164	Domeflat 4s B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	17:04:12.6	4.1	B	Harris	1	1 x 1
164165	Domeflat 4s B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	17:04:12.6	4.1	B	Harris	5	1 x 1
164166	Domeflat 4s B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	17:04:12.6	4.1	B	Harris	3	1 x 1
164167	Domeflat 4s B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	17:04:12.6	4.1	B	Harris	4	1 x 1
164168	Domeflat 4s B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	17:06:58.5	4.1	B	Harris	1	1 x 1
164169	Domeflat 4s B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	17:06:58.5	4.1	B	Harris	5	1 x 1
164170	Domeflat 4s B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	17:06:58.5	4.1	B	Harris	3	1 x 1
164171	Domeflat 4s B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	17:06:58.5	4.1	B	Harris	4	1 x 1
164172	Domeflat 4s B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	17:09:40.7	4.1	B	Harris	1	1 x 1
164173	Domeflat 4s B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	17:09:40.7	4.1	B	Harris	5	1 x 1
164174	Domeflat 4s B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	17:09:40.7	4.1	B	Harris	3	1 x 1
164175	Domeflat 4s B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	17:09:40.7	4.1	B	Harris	4	1 x 1
164176	Domeflat 4s B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	17:12:25.3	4.1	B	Harris	1	1 x 1
164177	Domeflat 4s B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	17:12:25.3	4.1	B	Harris	5	1 x 1
164178	Domeflat 4s B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	17:12:25.3	4.1	B	Harris	3	1 x 1
164179	Domeflat 4s B	0:00:00.00	+00:00:00.0	J2000.00	1.250	179.8	17:12:25.3	4.1	B	Harris	4	1 x 1
164180	Skyflat V 1s	13:04:33.00	+29:50:48.9	B1950.00	1.312	179.8	19:47:35.9	1.5	V	Harris	1	1 x 1 Saturated till
164181	Skyflat V 1s	13:04:33.00	+29:50:48.9	B1950.00	1.312	179.8	19:47:35.9	1.5	V	Harris	5	1 x 1
164182	Skyflat V 1s	13:04:33.00	+29:50:48.9	B1950.00	1.312	179.8	19:47:35.9	1.5	V	Harris	3	1 x 1
164183	Skyflat V 1s	13:04:33.00	+29:50:48.9	B1950.00	1.312	179.8	19:47:35.9	1.5	V	Harris	4	1 x 1
164184	Skyflat V 1s	13:04:33.00	+29:50:48.9	B1950.00	1.295	179.8	19:51:55.0	1.1	V	Harris	1	1 x 1
164185	Skyflat V 1s	13:04:33.00	+29:50:48.9	B1950.00	1.295	179.8	19:51:55.0	1.1	V	Harris	5	1 x 1
164186	Skyflat V 1s	13:04:33.00	+29:50:48.9	B1950.00	1.295	179.8	19:51:55.0	1.1	V	Harris	3	1 x 1
164187	Skyflat V 1s	13:04:33.00	+29:50:48.9	B1950.00	1.295	179.8	19:51:55.0	1.1	V	Harris	4	1 x 1
164188	Skyflat V 1s	13:04:33.00	+29:50:49.0	B1950.00	1.268	179.8	19:58:43.5	1.8	V	Harris	1	1 x 1
164189	Skyflat V 1s	13:04:33.00	+29:50:49.0	B1950.00	1.268	179.8	19:58:43.5	1.8	V	Harris	5	1 x 1
164190	Skyflat V 1s	13:04:33.00	+29:50:49.0	B1950.00	1.268	179.8	19:58:43.5	1.8	V	Harris	3	1 x 1
164191	Skyflat V 1s	13:04:33.00	+29:50:49.0	B1950.00	1.268	179.8	19:58:43.5	1.8	V	Harris	4	1 x 1
164192	Skyflat V 1s	6:32:16.50	+14:55:24.3	B1950.00	1.251	179.8	20:03:33.6	1.4	V	Harris	1	1 x 1
164193	Skyflat V 1s	6:32:16.50	+14:55:24.3	B1950.00	1.251	179.8	20:03:33.6	1.4	V	Harris	5	1 x 1
164194	Skyflat V 1s	6:32:16.50	+14:55:24.3	B1950.00	1.251	179.8	20:03:33.6	1.4	V	Harris	3	1 x 1
164195	Skyflat V 1s	6:32:16.50	+14:55:24.3	B1950.00	1.251	179.8	20:03:33.6	1.4	V	Harris	4	1 x 1
164196	Skyflat V 1s	13:04:33.00	+29:50:48.9	B1950.00	1.236	179.8	20:07:47.7	1.1	V	Harris	1	1 x 1
164197	Skyflat V 1s	13:04:33.00	+29:50:48.9	B1950.00	1.236	179.8	20:07:47.7	1.1	V	Harris	5	1 x 1
164198	Skyflat V 1s	13:04:33.00	+29:50:48.9	B1950.00	1.236	179.8	20:07:47.7	1.1	V	Harris	3	1 x 1
164199	Skyflat V 1s	13:04:33.00	+29:50:48.9	B1950.00	1.236	179.8	20:07:47.7	1.1	V	Harris	4	1 x 1
164200	Skyflat V 1s	13:04:32.99	+29:50:39.0	B1950.00	1.224	179.8	20:11:27.8	1.1	V	Harris	1	1 x 1 OK from here on
164201	Skyflat V 1s	13:04:32.99	+29:50:39.0	B1950.00	1.224	179.8	20:11:27.8	1.1	V	Harris	5	1 x 1
164202	Skyflat V 1s	13:04:32.99	+29:50:39.0	B1950.00	1.224	179.8	20:11:27.8	1.1	V	Harris	3	1 x 1
164203	Skyflat V 1s	13:04:32.99	+29:50:39.0	B1950.00	1.224	179.8	20:11:27.8	1.1	V	Harris	4	1 x 1
164204	Skyflat V 3s	13:04:31.46	+29:50:38.9	B1950.00	1.215	179.8	20:14:16.1	2.1	V	Harris	1	1 x 1
164205	Skyflat V 3s	13:04:31.46	+29:50:38.9	B1950.00	1.215	179.8	20:14:16.1	2.1	V	Harris	5	1 x 1
164206	Skyflat V 3s	13:04:31.46	+29:50:38.9	B1950.00	1.215	179.8	20:14:16.1	2.1	V	Harris	3	1 x 1
164207	Skyflat V 3s	13:04:31.46	+29:50:38.9	B1950.00	1.215	179.8	20:14:16.1	2.1	V	Harris	4	1 x 1
164208	Skyflat V 3s	13:04:31.46	+29:50:59.0	B1950.00	1.205	179.8	20:17:25.5	3.1	V	Harris	1	1 x 1
164209	Skyflat V 3s	13:04:31.46	+29:50:59.0	B1950.00	1.205	179.8	20:17:25.5	3.1	V	Harris	5	1 x 1
164210	Skyflat V 3s	13:04:31.46	+29:50:59.0	B1950.00	1.205	179.8	20:17:25.5	3.1	V	Harris	3	1 x 1
164211	Skyflat V 3s	13:04:31.46	+29:50:59.0	B1950.00	1.205	179.8	20:17:25.5	3.1	V	Harris	4	1 x 1
164212	Skyflat V 7s	13:04:31.46	+29:50:59.0	B1950.00	1.195	179.8	20:20:49.0	7.1	V	Harris	1	1 x 1
164213	Skyflat V 7s	13:04:31.46	+29:50:59.0	B1950.00	1.195	179.8	20:20:49.0	7.1	V	Harris	5	1 x 1
164214	Skyflat V 7s	13:04:31.46	+29:50:59.0	B1950.00	1.195	179.8	20:20:49.0	7.1	V	Harris	3	1 x 1
164215	Skyflat V 7s	13:04:31.46	+29:50:59.0	B1950.00	1.195	179.8	20:20:49.0	7.1	V	Harris	4	1 x 1
164216	Skyflat V 20s	13:04:31.46	+29:50:59.0	B1950.00	1.186	179.8	20:23:50.1	20.1	V	Harris	1	1 x 1
164217	Skyflat V 20s	13:04:31.46	+29:50:59.0	B1950.00	1.186	179.8	20:23:50.1	20.1	V	Harris	5	1 x 1
164218	Skyflat V 20s	13:04:31.46	+29:50:59.0	B1950.00	1.186	179.8	20:23:50.1	20.1	V	Harris	3	1 x 1
164219	Skyflat V 20s	13:04:31.46	+29:50:59.0	B1950.00	1.186	179.8	20:23:50.1	20.1	V	Harris	4	1 x 1
164220	Skyfklat V 60s	13:04:33.76	+29:50:58.9	B1950.00	1.175	179.8	20:27:26.2	60.1	V	Harris	1	1 x 1 Too high
164221	Skyfklat V 60s	13:04:33.76	+29:50:58.9	B1950.00	1.175	179.8	20:27:26.2	60.1	V	Harris	5	1 x 1
164222	Skyfklat V 60s	13:04:33.76	+29:50:58.9	B1950.00	1.175	179.8	20:27:26.2	60.1	V	Harris	3	1 x 1

164223	Skyfklat V 60s	13:04:33.76	+29:50:58.9	B1950.00	1.175	179.8	20:27:26.2	60.1	V	Harris	4	1 x 1
164224	Skyfklat V 80s	13:04:35.30	+29:50:59.0	B1950.00	1.163	179.8	20:31:41.5	79.6	V	Harris	1	1 x 1
164225	Skyfklat V 80s	13:04:35.30	+29:50:59.0	B1950.00	1.163	179.8	20:31:41.5	79.6	V	Harris	5	1 x 1
164226	Skyfklat V 80s	13:04:35.30	+29:50:59.0	B1950.00	1.163	179.8	20:31:41.5	79.6	V	Harris	3	1 x 1
164227	Skyfklat V 80s	13:04:35.30	+29:50:59.0	B1950.00	1.163	179.8	20:31:41.5	79.6	V	Harris	4	1 x 1
164228	Skyfklat V 200s	13:04:35.30	+29:51:19.0	B1950.00	1.150	179.8	20:36:05.7	199.9	V	Harris	1	1 x 1
164229	Skyfklat V 200s	13:04:35.30	+29:51:19.0	B1950.00	1.150	179.8	20:36:05.7	199.9	V	Harris	5	1 x 1
164230	Skyfklat V 200s	13:04:35.30	+29:51:19.0	B1950.00	1.150	179.8	20:36:05.7	199.9	V	Harris	3	1 x 1
164231	Skyfklat V 200s	13:04:35.30	+29:51:19.0	B1950.00	1.150	179.8	20:36:05.7	199.9	V	Harris	4	1 x 1
164236	Focus run	10:50:09.00	+00:00:20.0	J2000.00	1.143	179.8	20:53:57.0	10.1	V	Harris	1	1 x 1
164237	Focus run	10:50:09.00	+00:00:20.0	J2000.00	1.143	179.8	20:53:57.0	10.1	V	Harris	5	1 x 1
164238	Focus run	10:50:09.00	+00:00:20.0	J2000.00	1.143	179.8	20:53:57.0	10.1	V	Harris	3	1 x 1
164239	Focus run	10:50:09.00	+00:00:20.0	J2000.00	1.143	179.8	20:53:57.0	10.1	V	Harris	4	1 x 1
164240	Bias frame	0:00:00.00	+00:00:00.0	A	4.341	179.8	22:19:36.6	0.0	U	RGO	1	1 x 1
164241	Bias frame	0:00:00.00	+00:00:00.0	A	4.341	179.8	22:19:36.6	0.0	U	RGO	5	1 x 1
164242	Bias frame	0:00:00.00	+00:00:00.0	A	4.341	179.8	22:19:36.6	0.0	U	RGO	3	1 x 1
164243	Bias frame	0:00:00.00	+00:00:00.0	A	4.341	179.8	22:19:36.6	0.0	U	RGO	4	1 x 1
164244	F_20 60s V	12:49:26.20	+27:01:41.0	J2000.00	1.001	179.8	22:39:58.5	60.0	V	Harris	1	1 x 1
164245	F_20 60s V	12:49:26.20	+27:01:41.0	J2000.00	1.001	179.8	22:39:58.5	60.0	V	Harris	5	1 x 1
164246	F_20 60s V	12:49:26.20	+27:01:41.0	J2000.00	1.001	179.8	22:39:58.5	60.0	V	Harris	3	1 x 1
164247	F_20 60s V	12:49:26.20	+27:01:41.0	J2000.00	1.001	179.8	22:39:58.5	60.0	V	Harris	4	1 x 1
164248	F_20 600s V	12:49:26.20	+27:01:41.0	J2000.00	1.002	179.8	22:44:44.0	599.5	V	Harris	1	1 x 1
164249	F_20 600s V	12:49:26.20	+27:01:41.0	J2000.00	1.002	179.8	22:44:44.0	599.5	V	Harris	5	1 x 1
164250	F_20 600s V	12:49:26.20	+27:01:41.0	J2000.00	1.002	179.8	22:44:44.0	599.5	V	Harris	3	1 x 1
164251	F_20 600s V	12:49:26.20	+27:01:41.0	J2000.00	1.002	179.8	22:44:44.0	599.5	V	Harris	4	1 x 1
164252	F_21 60s V	12:53:40.00	+27:05:41.0	J2000.00	1.008	179.8	23:10:49.7	60.1	V	Harris	1	1 x 1
164253	F_21 60s V	12:53:40.00	+27:05:41.0	J2000.00	1.008	179.8	23:10:49.7	60.1	V	Harris	5	1 x 1
164254	F_21 60s V	12:53:40.00	+27:05:41.0	J2000.00	1.008	179.8	23:10:49.7	60.1	V	Harris	3	1 x 1
164255	F_21 60s V	12:53:40.00	+27:05:41.0	J2000.00	1.008	179.8	23:10:49.7	60.1	V	Harris	4	1 x 1
164256	F_21 600s V	12:53:39.99	+27:05:40.9	J2000.00	1.012	179.8	23:14:40.5	598.9	V	Harris	1	1 x 1
164257	F_21 600s V	12:53:39.99	+27:05:40.9	J2000.00	1.012	179.8	23:14:40.5	598.9	V	Harris	5	1 x 1
164258	F_21 600s V	12:53:39.99	+27:05:40.9	J2000.00	1.012	179.8	23:14:40.5	598.9	V	Harris	3	1 x 1
164259	F_21 600s V	12:53:39.99	+27:05:40.9	J2000.00	1.012	179.8	23:14:40.5	598.9	V	Harris	4	1 x 1
164260	F_19 60s V	12:51:10.00	+27:01:40.9	J2000.00	1.021	179.8	23:28:59.0	60.0	V	Harris	1	1 x 1
164261	F_19 60s V	12:51:10.00	+27:01:40.9	J2000.00	1.021	179.8	23:28:59.0	60.0	V	Harris	5	1 x 1
164262	F_19 60s V	12:51:10.00	+27:01:40.9	J2000.00	1.021	179.8	23:28:59.0	60.0	V	Harris	3	1 x 1
164263	F_19 60s V	12:51:10.00	+27:01:40.9	J2000.00	1.021	179.8	23:28:59.0	60.0	V	Harris	4	1 x 1
164264	F_19 600s V	12:51:09.99	+27:01:40.9	J2000.00	1.028	179.8	23:32:54.9	599.4	V	Harris	1	1 x 1
164265	F_19 600s V	12:51:09.99	+27:01:40.9	J2000.00	1.028	179.8	23:32:54.9	599.4	V	Harris	5	1 x 1
164266	F_19 600s V	12:51:09.99	+27:01:40.9	J2000.00	1.028	179.8	23:32:54.9	599.4	V	Harris	3	1 x 1
164267	F_19 600s V	12:51:09.99	+27:01:40.9	J2000.00	1.028	179.8	23:32:54.9	599.4	V	Harris	4	1 x 1
164268	F_20 600s V	12:49:26.19	+27:01:40.9	J2000.00	1.050	179.8	23:50:49.6	599.0	V	Harris	1	1 x 1
164269	F_20 600s V	12:49:26.19	+27:01:40.9	J2000.00	1.050	179.8	23:50:49.6	599.0	V	Harris	5	1 x 1
164270	F_20 600s V	12:49:26.19	+27:01:40.9	J2000.00	1.050	179.8	23:50:49.6	599.0	V	Harris	3	1 x 1
164271	F_20 600s V	12:49:26.19	+27:01:40.9	J2000.00	1.050	179.8	23:50:49.6	599.0	V	Harris	4	1 x 1
164272	F_21 600s V	12:53:40.00	+27:05:40.9	J2000.00	1.063	179.8	00:04:52.9	599.4	V	Harris	1	1 x 1
164273	F_21 600s V	12:53:40.00	+27:05:40.9	J2000.00	1.063	179.8	00:04:52.9	599.4	V	Harris	5	1 x 1
164274	F_21 600s V	12:53:40.00	+27:05:40.9	J2000.00	1.063	179.8	00:04:52.9	599.4	V	Harris	3	1 x 1
164275	F_21 600s V	12:53:40.00	+27:05:40.9	J2000.00	1.063	179.8	00:04:52.9	599.4	V	Harris	4	1 x 1
164276	F_19 600s V	12:51:10.00	+27:01:40.9	J2000.00	1.092	179.8	00:19:31.3	599.5	V	Harris	1	1 x 1
164277	F_19 600s V	12:51:10.00	+27:01:40.9	J2000.00	1.092	179.8	00:19:31.3	599.5	V	Harris	5	1 x 1
164278	F_19 600s V	12:51:10.00	+27:01:40.9	J2000.00	1.092	179.8	00:19:31.3	599.5	V	Harris	3	1 x 1
164279	F_19 600s V	12:51:10.00	+27:01:40.9	J2000.00	1.092	179.8	00:19:31.3	599.5	V	Harris	4	1 x 1
164280	F_20 600s V	12:49:26.20	+27:01:41.0	J2000.00	1.126	179.8	00:34:46.6	599.3	V	Harris	1	1 x 1
164281	F_20 600s V	12:49:26.20	+27:01:41.0	J2000.00	1.126	179.8	00:34:46.6	599.3	V	Harris	5	1 x 1
164282	F_20 600s V	12:49:26.20	+27:01:41.0	J2000.00	1.126	179.8	00:34:46.6	599.3	V	Harris	3	1 x 1
164283	F_20 600s V	12:49:26.20	+27:01:41.0	J2000.00	1.126	179.8	00:34:46.6	599.3	V	Harris	4	1 x 1
164284	F_21 600s V	12:53:39.99	+27:05:40.9	J2000.00	1.154	179.8	00:50:47.9	599.4	V	Harris	1	1 x 1
164285	F_21 600s V	12:53:39.99	+27:05:40.9	J2000.00	1.154	179.8	00:50:47.9	599.4	V	Harris	5	1 x 1
164286	F_21 600s V	12:53:39.99	+27:05:40.9	J2000.00	1.154	179.8	00:50:47.9	599.4	V	Harris	3	1 x 1
164287	F_21 600s V	12:53:39.99	+27:05:40.9	J2000.00	1.154	179.8	00:50:47.9	599.4	V	Harris	4	1 x 1
164288	F_19 600s V	12:51:10.00	+27:01:40.9	J2000.00	1.203	179.8	01:05:33.8	599.5	V	Harris	1	1 x 1

164289	F_19	600s	V	12:51:10.00	+27:01:40.9	J2000.00	1.203	179.8	01:05:33.8	599.5	V	Harris	5	1 x 1
164290	F_19	600s	V	12:51:10.00	+27:01:40.9	J2000.00	1.203	179.8	01:05:33.8	599.5	V	Harris	3	1 x 1
164291	F_19	600s	V	12:51:10.00	+27:01:40.9	J2000.00	1.203	179.8	01:05:33.8	599.5	V	Harris	4	1 x 1
164292	F_27	600s	V	16:23:35.80	+26:33:49.9	J2000.00	1.015	179.8	01:20:59.1	599.5	V	Harris	1	1 x 1
164293	F_27	600s	V	16:23:35.80	+26:33:49.9	J2000.00	1.015	179.8	01:20:59.1	599.5	V	Harris	5	1 x 1
164294	F_27	600s	V	16:23:35.80	+26:33:49.9	J2000.00	1.015	179.8	01:20:59.1	599.5	V	Harris	3	1 x 1
164295	F_27	600s	V	16:23:35.80	+26:33:49.9	J2000.00	1.015	179.8	01:20:59.1	599.5	V	Harris	4	1 x 1
164296	F_28	600s	V	16:21:20.00	+26:33:50.0	J2000.00	1.006	179.8	01:37:12.6	599.0	V	Harris	1	1 x 1
164297	F_28	600s	V	16:21:20.00	+26:33:50.0	J2000.00	1.006	179.8	01:37:12.6	599.0	V	Harris	5	1 x 1
164298	F_28	600s	V	16:21:20.00	+26:33:50.0	J2000.00	1.006	179.8	01:37:12.6	599.0	V	Harris	3	1 x 1
164299	F_28	600s	V	16:21:20.00	+26:33:50.0	J2000.00	1.006	179.8	01:37:12.6	599.0	V	Harris	4	1 x 1
164300	F_29	600s	V	16:25:44.99	+26:33:50.0	J2000.00	1.002	179.8	01:52:03.5	599.5	V	Harris	1	1 x 1
164301	F_29	600s	V	16:25:44.99	+26:33:50.0	J2000.00	1.002	179.8	01:52:03.5	599.5	V	Harris	5	1 x 1
164302	F_29	600s	V	16:25:44.99	+26:33:50.0	J2000.00	1.002	179.8	01:52:03.5	599.5	V	Harris	3	1 x 1
164303	F_29	600s	V	16:25:44.99	+26:33:50.0	J2000.00	1.002	179.8	01:52:03.5	599.5	V	Harris	4	1 x 1
164304	F_27	600s	V	16:23:35.80	+26:33:50.0	J2000.00	1.001	179.8	02:06:08.3	599.4	V	Harris	1	1 x 1
164305	F_27	600s	V	16:23:35.80	+26:33:50.0	J2000.00	1.001	179.8	02:06:08.3	599.4	V	Harris	5	1 x 1
164306	F_27	600s	V	16:23:35.80	+26:33:50.0	J2000.00	1.001	179.8	02:06:08.3	599.4	V	Harris	3	1 x 1
164307	F_27	600s	V	16:23:35.80	+26:33:50.0	J2000.00	1.001	179.8	02:06:08.3	599.4	V	Harris	4	1 x 1
164308	F_28	600s	V	16:21:20.00	+26:33:50.0	J2000.00	1.003	179.8	02:21:01.5	599.5	V	Harris	1	1 x 1
164309	F_28	600s	V	16:21:20.00	+26:33:50.0	J2000.00	1.003	179.8	02:21:01.5	599.5	V	Harris	5	1 x 1
164310	F_28	600s	V	16:21:20.00	+26:33:50.0	J2000.00	1.003	179.8	02:21:01.5	599.5	V	Harris	3	1 x 1
164311	F_28	600s	V	16:21:20.00	+26:33:50.0	J2000.00	1.003	179.8	02:21:01.5	599.5	V	Harris	4	1 x 1
164312	F_29	600s	V	16:25:45.00	+26:33:49.9	J2000.00	1.007	179.8	02:35:29.9	599.5	V	Harris	1	1 x 1
164313	F_29	600s	V	16:25:45.00	+26:33:49.9	J2000.00	1.007	179.8	02:35:29.9	599.5	V	Harris	5	1 x 1
164314	F_29	600s	V	16:25:45.00	+26:33:49.9	J2000.00	1.007	179.8	02:35:29.9	599.5	V	Harris	3	1 x 1
164315	F_29	600s	V	16:25:45.00	+26:33:49.9	J2000.00	1.007	179.8	02:35:29.9	599.5	V	Harris	4	1 x 1
164316	F_27	600s	V	16:23:35.80	+26:33:50.0	J2000.00	1.016	179.8	02:50:01.1	599.5	V	Harris	1	1 x 1
164317	F_27	600s	V	16:23:35.80	+26:33:50.0	J2000.00	1.016	179.8	02:50:01.1	599.5	V	Harris	5	1 x 1
164318	F_27	600s	V	16:23:35.80	+26:33:50.0	J2000.00	1.016	179.8	02:50:01.1	599.5	V	Harris	3	1 x 1
164319	F_27	600s	V	16:23:35.80	+26:33:50.0	J2000.00	1.016	179.8	02:50:01.1	599.5	V	Harris	4	1 x 1
164320	F_28	600s	V	16:21:20.00	+26:33:50.0	J2000.00	1.030	179.8	03:04:17.0	599.4	V	Harris	1	1 x 1
164321	F_28	600s	V	16:21:20.00	+26:33:50.0	J2000.00	1.030	179.8	03:04:17.0	599.4	V	Harris	5	1 x 1
164322	F_28	600s	V	16:21:20.00	+26:33:50.0	J2000.00	1.030	179.8	03:04:17.0	599.4	V	Harris	3	1 x 1
164323	F_28	600s	V	16:21:20.00	+26:33:50.0	J2000.00	1.030	179.8	03:04:17.0	599.4	V	Harris	4	1 x 1
164324	F_29	600s	V	16:25:45.00	+26:33:49.9	J2000.00	1.041	179.8	03:19:00.2	599.5	V	Harris	1	1 x 1
164325	F_29	600s	V	16:25:45.00	+26:33:49.9	J2000.00	1.041	179.8	03:19:00.2	599.5	V	Harris	5	1 x 1
164326	F_29	600s	V	16:25:45.00	+26:33:49.9	J2000.00	1.041	179.8	03:19:00.2	599.5	V	Harris	3	1 x 1
164327	F_29	600s	V	16:25:45.00	+26:33:49.9	J2000.00	1.041	179.8	03:19:00.2	599.5	V	Harris	4	1 x 1
164328	F_27	600s	V	16:23:35.80	+26:33:49.9	J2000.00	1.063	179.8	03:33:18.1	599.5	V	Harris	1	1 x 1
164329	F_27	600s	V	16:23:35.80	+26:33:49.9	J2000.00	1.063	179.8	03:33:18.1	599.5	V	Harris	5	1 x 1
164330	F_27	600s	V	16:23:35.80	+26:33:49.9	J2000.00	1.063	179.8	03:33:18.1	599.5	V	Harris	3	1 x 1
164331	F_27	600s	V	16:23:35.80	+26:33:49.9	J2000.00	1.063	179.8	03:33:18.1	599.5	V	Harris	4	1 x 1
164332	F_28	600s	V	16:21:20.00	+26:33:50.0	J2000.00	1.090	179.8	03:47:44.8	599.5	V	Harris	1	1 x 1
164333	F_28	600s	V	16:21:20.00	+26:33:50.0	J2000.00	1.090	179.8	03:47:44.8	599.5	V	Harris	5	1 x 1
164334	F_28	600s	V	16:21:20.00	+26:33:50.0	J2000.00	1.090	179.8	03:47:44.8	599.5	V	Harris	3	1 x 1
164335	F_28	600s	V	16:21:20.00	+26:33:50.0	J2000.00	1.090	179.8	03:47:44.8	599.5	V	Harris	4	1 x 1
164336	F_29	600s	V	16:25:44.99	+26:33:49.9	J2000.00	1.109	179.8	04:01:60.0	599.8	V	Harris	1	1 x 1
164337	F_29	600s	V	16:25:44.99	+26:33:49.9	J2000.00	1.109	179.8	04:01:60.0	599.8	V	Harris	5	1 x 1
164338	F_29	600s	V	16:25:44.99	+26:33:49.9	J2000.00	1.109	179.8	04:01:60.0	599.8	V	Harris	3	1 x 1
164339	F_29	600s	V	16:25:44.99	+26:33:49.9	J2000.00	1.109	179.8	04:01:60.0	599.8	V	Harris	4	1 x 1
164340	F_27	600s	V	16:23:35.80	+26:33:49.8	J2000.00	1.146	179.8	04:16:28.4	599.4	V	Harris	1	1 x 1
164341	F_27	600s	V	16:23:35.80	+26:33:49.8	J2000.00	1.146	179.8	04:16:28.4	599.4	V	Harris	5	1 x 1
164342	F_27	600s	V	16:23:35.80	+26:33:49.8	J2000.00	1.146	179.8	04:16:28.4	599.4	V	Harris	3	1 x 1
164343	F_27	600s	V	16:23:35.80	+26:33:49.8	J2000.00	1.146	179.8	04:16:28.4	599.4	V	Harris	4	1 x 1
164344	F_28	600s	V	16:21:20.00	+26:33:50.0	J2000.00	1.191	179.8	04:30:42.6	599.4	V	Harris	1	1 x 1
164345	F_28	600s	V	16:21:20.00	+26:33:50.0	J2000.00	1.191	179.8	04:30:42.6	599.4	V	Harris	5	1 x 1
164346	F_28	600s	V	16:21:20.00	+26:33:50.0	J2000.00	1.191	179.8	04:30:42.6	599.4	V	Harris	3	1 x 1
164347	F_28	600s	V	16:21:20.00	+26:33:50.0	J2000.00	1.191	179.8	04:30:42.6	599.4	V	Harris	4	1 x 1
164348	F_29	600s	V	16:25:45.00	+26:33:49.9	J2000.00	1.225	179.8	04:46:08.7	598.9	V	Harris	1	1 x 1
164349	F_29	600s	V	16:25:45.00	+26:33:49.9	J2000.00	1.225	179.8	04:46:08.7	598.9	V	Harris	5	1 x 1
164350	F_29	600s	V	16:25:45.00	+26:33:49.9	J2000.00	1.225	179.8	04:46:08.7	598.9	V	Harris	3	1 x 1

164351	F_29 600s V	16:25:45.00	+26:33:49.9	J2000.00	1.225	179.8	04:46:08.7	598.9	V	Harris	4	1 x 1
164352	F_27 600s V	16:23:35.79	+26:33:49.8	J2000.00	1.284	179.8	05:00:20.8	599.5	V	Harris	1	1 x 1
164353	F_27 600s V	16:23:35.79	+26:33:49.8	J2000.00	1.284	179.8	05:00:20.8	599.5	V	Harris	5	1 x 1
164354	F_27 600s V	16:23:35.79	+26:33:49.8	J2000.00	1.284	179.8	05:00:20.8	599.5	V	Harris	3	1 x 1
164355	F_27 600s V	16:23:35.79	+26:33:49.8	J2000.00	1.284	179.8	05:00:20.8	599.5	V	Harris	4	1 x 1
164356	F_28 600s V	16:21:19.99	+26:33:49.9	J2000.00	1.354	179.8	05:14:23.3	599.4	V	Harris	1	1 x 1
164357	F_28 600s V	16:21:19.99	+26:33:49.9	J2000.00	1.354	179.8	05:14:23.3	599.4	V	Harris	5	1 x 1
164358	F_28 600s V	16:21:19.99	+26:33:49.9	J2000.00	1.354	179.8	05:14:23.3	599.4	V	Harris	3	1 x 1
164359	F_28 600s V	16:21:19.99	+26:33:49.9	J2000.00	1.354	179.8	05:14:23.3	599.4	V	Harris	4	1 x 1
164360	Sky Flat 300s V	21:26:54.39	-08:51:41.0	B1950.00	1.413	179.8	05:28:33.2	299.8	V	Harris	1	1 x 1
164361	Sky Flat 300s V	21:26:54.39	-08:51:41.0	B1950.00	1.413	179.8	05:28:33.2	299.8	V	Harris	5	1 x 1
164362	Sky Flat 300s V	21:26:54.39	-08:51:41.0	B1950.00	1.413	179.8	05:28:33.2	299.8	V	Harris	3	1 x 1
164363	Sky Flat 300s V	21:26:54.39	-08:51:41.0	B1950.00	1.413	179.8	05:28:33.2	299.8	V	Harris	4	1 x 1
164364	Sky Flat 300s V	21:26:54.40	-08:51:40.9	B1950.00	1.388	179.8	05:37:22.9	199.8	V	Harris	1	1 x 1
164365	Sky Flat 300s V	21:26:54.40	-08:51:40.9	B1950.00	1.388	179.8	05:37:22.9	199.8	V	Harris	5	1 x 1
164366	Sky Flat 300s V	21:26:54.40	-08:51:40.9	B1950.00	1.388	179.8	05:37:22.9	199.8	V	Harris	3	1 x 1
164367	Sky Flat 300s V	21:26:54.40	-08:51:40.9	B1950.00	1.388	179.8	05:37:22.9	199.8	V	Harris	4	1 x 1
164368	Sky Flat 60s V	21:26:55.75	-08:51:21.0	B1950.00	1.371	179.8	05:44:33.5	60.0	V	Harris	1	1 x 1
164369	Sky Flat 60s V	21:26:55.75	-08:51:21.0	B1950.00	1.371	179.8	05:44:33.5	60.0	V	Harris	5	1 x 1
164370	Sky Flat 60s V	21:26:55.75	-08:51:21.0	B1950.00	1.371	179.8	05:44:33.5	60.0	V	Harris	3	1 x 1
164371	Sky Flat 60s V	21:26:55.75	-08:51:21.0	B1950.00	1.371	179.8	05:44:33.5	60.0	V	Harris	4	1 x 1
164372	Sky Flat 20s V	21:26:55.74	-08:51:41.0	B1950.00	1.361	179.8	05:48:49.8	20.1	V	Harris	1	1 x 1
164373	Sky Flat 20s V	21:26:55.74	-08:51:41.0	B1950.00	1.361	179.8	05:48:49.8	20.1	V	Harris	5	1 x 1
164374	Sky Flat 20s V	21:26:55.74	-08:51:41.0	B1950.00	1.361	179.8	05:48:49.8	20.1	V	Harris	3	1 x 1
164375	Sky Flat 20s V	21:26:55.74	-08:51:41.0	B1950.00	1.361	179.8	05:48:49.8	20.1	V	Harris	4	1 x 1
164376	Sky Flat 5s V	21:26:54.40	-08:52:01.0	B1950.00	1.353	179.8	05:52:04.3	5.1	V	Harris	1	1 x 1
164377	Sky Flat 5s V	21:26:54.40	-08:52:01.0	B1950.00	1.353	179.8	05:52:04.3	5.1	V	Harris	5	1 x 1
164378	Sky Flat 5s V	21:26:54.40	-08:52:01.0	B1950.00	1.353	179.8	05:52:04.3	5.1	V	Harris	3	1 x 1
164379	Sky Flat 5s V	21:26:54.40	-08:52:01.0	B1950.00	1.353	179.8	05:52:04.3	5.1	V	Harris	4	1 x 1
164380	Sky Flat 1s V	21:26:54.39	-08:52:00.9	B1950.00	1.341	179.8	05:57:07.4	1.1	V	Harris	1	1 x 1
164381	Sky Flat 1s V	21:26:54.39	-08:52:00.9	B1950.00	1.341	179.8	05:57:07.4	1.1	V	Harris	5	1 x 1
164382	Sky Flat 1s V	21:26:54.39	-08:52:00.9	B1950.00	1.341	179.8	05:57:07.4	1.1	V	Harris	3	1 x 1
164383	Sky Flat 1s V	21:26:54.39	-08:52:00.9	B1950.00	1.341	179.8	05:57:07.4	1.1	V	Harris	4	1 x 1