INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:             INT
DATE:                  1999 May 15/16
INT TAPE NR:           INTD4049
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:               cirrus/scattered clouds
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):    2
NO. SEEING MEASURES:    -

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

DARK HOURS:            07:27
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.): 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
164672	Bias frame						13:10:10.1	0.0	U	RGO	1	1 x 1	
164673	Bias frame						13:10:10.1	0.0	U	RGO	5	1 x 1	
164674	Bias frame						13:10:10.1	0.0	U	RGO	3	1 x 1	
164675	Bias frame						13:10:10.1	0.0	U	RGO	4	1 x 1	
164676	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	15:37:54.7	0.0	U	RGO	1	1 x 1	
164677	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	15:37:54.7	0.0	U	RGO	5	1 x 1	

164678	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	15:37:54.7	0.0	U	RGO 3 1 x 1
164679	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	15:37:54.7	0.0	U	RGO 4 1 x 1
164680	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	15:42:57.9	0.0	V	Harris 1 1 x 1
164681	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	15:42:57.9	0.0	V	Harris 5 1 x 1
164682	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	15:42:57.9	0.0	V	Harris 3 1 x 1
164683	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	15:42:57.9	0.0	V	Harris 4 1 x 1
164684	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	15:45:39.7	0.0	V	Harris 1 1 x 1
164685	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	15:45:39.7	0.0	V	Harris 5 1 x 1
164686	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	15:45:39.7	0.0	V	Harris 3 1 x 1
164687	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	15:45:39.7	0.0	V	Harris 4 1 x 1
164688	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	15:48:20.1	0.0	V	Harris 1 1 x 1
164689	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	15:48:20.1	0.0	V	Harris 5 1 x 1
164690	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	15:48:20.1	0.0	V	Harris 3 1 x 1
164691	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	15:48:20.1	0.0	V	Harris 4 1 x 1
164692	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	15:50:56.3	0.0	V	Harris 1 1 x 1
164693	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	15:50:56.3	0.0	V	Harris 5 1 x 1
164694	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	15:50:56.3	0.0	V	Harris 3 1 x 1
164695	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	15:50:56.3	0.0	V	Harris 4 1 x 1
164696	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	15:53:32.5	0.0	V	Harris 1 1 x 1
164697	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	15:53:32.5	0.0	V	Harris 5 1 x 1
164698	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	15:53:32.5	0.0	V	Harris 3 1 x 1
164699	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	15:53:32.5	0.0	V	Harris 4 1 x 1
164700	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	15:56:12.9	0.0	V	Harris 1 1 x 1
164701	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	15:56:12.9	0.0	V	Harris 5 1 x 1
164702	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	15:56:12.9	0.0	V	Harris 3 1 x 1
164703	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	15:56:12.9	0.0	V	Harris 4 1 x 1
164704	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	15:58:48.9	0.0	V	Harris 1 1 x 1
164705	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	15:58:48.9	0.0	V	Harris 5 1 x 1
164706	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	15:58:48.9	0.0	V	Harris 3 1 x 1
164707	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	15:58:48.9	0.0	V	Harris 4 1 x 1
164708	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	16:01:25.3	0.0	V	Harris 1 1 x 1
164709	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	16:01:25.3	0.0	V	Harris 5 1 x 1
164710	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	16:01:25.3	0.0	V	Harris 3 1 x 1
164711	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	16:01:25.3	0.0	V	Harris 4 1 x 1
164712	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	16:04:05.0	0.0	V	Harris 1 1 x 1
164713	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	16:04:05.0	0.0	V	Harris 5 1 x 1
164714	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	16:04:05.0	0.0	V	Harris 3 1 x 1
164715	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	179.7	16:04:05.0	0.0	V	Harris 4 1 x 1
164716	Domeflat I 3s	0:00:00.00	+00:00:00.0	A	1.200	179.7	16:12:13.2	2.6	I	INT-WFC 1 1 x 1
164717	Domeflat I 3s	0:00:00.00	+00:00:00.0	A	1.200	179.7	16:12:13.2	2.6	I	INT-WFC 5 1 x 1
164718	Domeflat I 3s	0:00:00.00	+00:00:00.0	A	1.200	179.7	16:12:13.2	2.6	I	INT-WFC 3 1 x 1
164719	Domeflat I 3s	0:00:00.00	+00:00:00.0	A	1.200	179.7	16:12:13.2	2.6	I	INT-WFC 4 1 x 1
164720	Domeflat I 2s	0:00:00.00	+00:00:00.0	A	1.200	179.7	16:19:11.7	2.1	I	INT-WFC 1 1 x 1
164721	Domeflat I 2s	0:00:00.00	+00:00:00.0	A	1.200	179.7	16:19:11.7	2.1	I	INT-WFC 5 1 x 1
164722	Domeflat I 2s	0:00:00.00	+00:00:00.0	A	1.200	179.7	16:19:11.7	2.1	I	INT-WFC 3 1 x 1
164723	Domeflat I 2s	0:00:00.00	+00:00:00.0	A	1.200	179.7	16:19:11.7	2.1	I	INT-WFC 4 1 x 1
164724	Domeflat I 2s	0:00:00.00	+00:00:00.0	A	1.200	179.7	16:22:15.8	2.1	I	INT-WFC 1 1 x 1
164725	Domeflat I 2s	0:00:00.00	+00:00:00.0	A	1.200	179.7	16:22:15.8	2.1	I	INT-WFC 5 1 x 1
164726	Domeflat I 2s	0:00:00.00	+00:00:00.0	A	1.200	179.7	16:22:15.8	2.1	I	INT-WFC 3 1 x 1
164727	Domeflat I 2s	0:00:00.00	+00:00:00.0	A	1.200	179.7	16:22:15.8	2.1	I	INT-WFC 4 1 x 1
164728	Domeflat I 2s	0:00:00.00	+00:00:00.0	A	1.200	179.7	16:25:00.6	1.6	I	INT-WFC 1 1 x 1
164729	Domeflat I 2s	0:00:00.00	+00:00:00.0	A	1.200	179.7	16:25:00.6	1.6	I	INT-WFC 5 1 x 1
164730	Domeflat I 2s	0:00:00.00	+00:00:00.0	A	1.200	179.7	16:25:00.6	1.6	I	INT-WFC 3 1 x 1
164731	Domeflat I 2s	0:00:00.00	+00:00:00.0	A	1.200	179.7	16:25:00.6	1.6	I	INT-WFC 4 1 x 1
164732	Domeflat I 2s	0:00:00.00	+00:00:00.0	A	1.200	179.7	16:27:46.5	2.1	I	INT-WFC 1 1 x 1
164733	Domeflat I 2s	0:00:00.00	+00:00:00.0	A	1.200	179.7	16:27:46.5	2.1	I	INT-WFC 5 1 x 1
164734	Domeflat I 2s	0:00:00.00	+00:00:00.0	A	1.200	179.7	16:27:46.5	2.1	I	INT-WFC 3 1 x 1
164735	Domeflat I 2s	0:00:00.00	+00:00:00.0	A	1.200	179.7	16:27:46.5	2.1	I	INT-WFC 4 1 x 1
164736	Domeflat I 2s	0:00:00.00	+00:00:00.0	A	1.200	179.7	16:30:32.8	2.1	I	INT-WFC 1 1 x 1
164737	Domeflat I 2s	0:00:00.00	+00:00:00.0	A	1.200	179.7	16:30:32.8	2.1	I	INT-WFC 5 1 x 1
164738	Domeflat I 2s	0:00:00.00	+00:00:00.0	A	1.200	179.7	16:30:32.8	2.1	I	INT-WFC 3 1 x 1
164739	Domeflat I 2s	0:00:00.00	+00:00:00.0	A	1.200	179.7	16:30:32.8	2.1	I	INT-WFC 4 1 x 1

164740	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:33:16.7	2.1	I	INT-WFC	1	1 x 1
164741	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:33:16.7	2.1	I	INT-WFC	5	1 x 1
164742	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:33:16.7	2.1	I	INT-WFC	3	1 x 1
164743	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:33:16.7	2.1	I	INT-WFC	4	1 x 1
164744	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:35:59.2	2.1	I	INT-WFC	1	1 x 1
164745	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:35:59.2	2.1	I	INT-WFC	5	1 x 1
164746	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:35:59.2	2.1	I	INT-WFC	3	1 x 1
164747	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:35:59.2	2.1	I	INT-WFC	4	1 x 1
164748	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:38:45.9	2.1	I	INT-WFC	1	1 x 1
164749	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:38:45.9	2.1	I	INT-WFC	5	1 x 1
164750	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:38:45.9	2.1	I	INT-WFC	3	1 x 1
164751	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:38:45.9	2.1	I	INT-WFC	4	1 x 1
164752	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:41:29.9	2.1	I	INT-WFC	1	1 x 1
164753	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:41:29.9	2.1	I	INT-WFC	5	1 x 1
164754	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:41:29.9	2.1	I	INT-WFC	3	1 x 1
164755	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:41:29.9	2.1	I	INT-WFC	4	1 x 1
164756	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:44:14.0	2.1	I	INT-WFC	1	1 x 1
164757	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:44:14.0	2.1	I	INT-WFC	5	1 x 1
164758	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:44:14.0	2.1	I	INT-WFC	3	1 x 1
164759	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:44:14.0	2.1	I	INT-WFC	4	1 x 1
164760	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:46:54.5	2.1	I	INT-WFC	1	1 x 1
164761	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:46:54.5	2.1	I	INT-WFC	5	1 x 1
164762	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:46:54.5	2.1	I	INT-WFC	3	1 x 1
164763	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:46:54.5	2.1	I	INT-WFC	4	1 x 1
164764	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:49:40.5	2.1	I	INT-WFC	1	1 x 1
164765	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:49:40.5	2.1	I	INT-WFC	5	1 x 1
164766	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:49:40.5	2.1	I	INT-WFC	3	1 x 1
164767	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:49:40.5	2.1	I	INT-WFC	4	1 x 1
164768	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:52:24.6	2.1	I	INT-WFC	1	1 x 1
164769	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:52:24.6	2.1	I	INT-WFC	5	1 x 1
164770	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:52:24.6	2.1	I	INT-WFC	3	1 x 1
164771	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:52:24.6	2.1	I	INT-WFC	4	1 x 1
164772	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:55:05.2	2.1	I	INT-WFC	1	1 x 1
164773	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:55:05.2	2.1	I	INT-WFC	5	1 x 1
164774	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:55:05.2	2.1	I	INT-WFC	3	1 x 1
164775	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:55:05.2	2.1	I	INT-WFC	4	1 x 1
164776	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:57:47.9	1.6	I	INT-WFC	1	1 x 1
164777	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:57:47.9	1.6	I	INT-WFC	5	1 x 1
164778	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:57:47.9	1.6	I	INT-WFC	3	1 x 1
164779	Domeflat I 2s	0:00:00.00	+00:00:00.0	A		1.200	179.7	16:57:47.9	1.6	I	INT-WFC	4	1 x 1
164780	Skyflat 1s B	13:04:32.99	+29:50:49.0	B1950.00		1.224	179.7	20:03:39.8	1.0	B	Harris	1	1 x 1 Sat.
164781	Skyflat 1s B	13:04:32.99	+29:50:49.0	B1950.00		1.224	179.7	20:03:39.8	1.0	B	Harris	5	1 x 1
164782	Skyflat 1s B	13:04:32.99	+29:50:49.0	B1950.00		1.224	179.7	20:03:39.8	1.0	B	Harris	3	1 x 1
164783	Skyflat 1s B	13:04:32.99	+29:50:49.0	B1950.00		1.224	179.7	20:03:39.8	1.0	B	Harris	4	1 x 1
164784	Skyflat 1s B	13:04:32.99	+29:50:48.8	B1950.00		1.212	179.7	20:07:19.9	1.3	B	Harris	1	1 x 1
164785	Skyflat 1s B	13:04:32.99	+29:50:48.8	B1950.00		1.212	179.7	20:07:19.9	1.3	B	Harris	5	1 x 1
164786	Skyflat 1s B	13:04:32.99	+29:50:48.8	B1950.00		1.212	179.7	20:07:19.9	1.3	B	Harris	3	1 x 1
164787	Skyflat 1s B	13:04:32.99	+29:50:48.8	B1950.00		1.212	179.7	20:07:19.9	1.3	B	Harris	4	1 x 1 Sat.
164788	Skyflat 1s B	13:04:32.99	+29:50:48.9	B1950.00		1.201	179.7	20:11:11.9	1.1	B	Harris	1	1 x 1
164789	Skyflat 1s B	13:04:32.99	+29:50:48.9	B1950.00		1.201	179.7	20:11:11.9	1.1	B	Harris	5	1 x 1
164790	Skyflat 1s B	13:04:32.99	+29:50:48.9	B1950.00		1.201	179.7	20:11:11.9	1.1	B	Harris	3	1 x 1
164791	Skyflat 1s B	13:04:32.99	+29:50:48.9	B1950.00		1.201	179.7	20:11:11.9	1.1	B	Harris	4	1 x 1
164792	Skyflat 1s B	13:04:33.00	+29:50:48.9	B1950.00		1.191	179.7	20:14:36.9	1.1	B	Harris	1	1 x 1
164793	Skyflat 1s B	13:04:33.00	+29:50:48.9	B1950.00		1.191	179.7	20:14:36.9	1.1	B	Harris	5	1 x 1
164794	Skyflat 1s B	13:04:33.00	+29:50:48.9	B1950.00		1.191	179.7	20:14:36.9	1.1	B	Harris	3	1 x 1
164795	Skyflat 1s B	13:04:33.00	+29:50:48.9	B1950.00		1.191	179.7	20:14:36.9	1.1	B	Harris	4	1 x 1
164796	Skyflat 3s B	13:04:33.00	+29:50:49.0	B1950.00		1.181	179.7	20:17:46.9	1.1	B	Harris	1	1 x 1
164797	Skyflat 3s B	13:04:33.00	+29:50:49.0	B1950.00		1.181	179.7	20:17:46.9	1.1	B	Harris	5	1 x 1
164798	Skyflat 3s B	13:04:33.00	+29:50:49.0	B1950.00		1.181	179.7	20:17:46.9	1.1	B	Harris	3	1 x 1
164799	Skyflat 3s B	13:04:33.00	+29:50:49.0	B1950.00		1.181	179.7	20:17:46.9	1.1	B	Harris	4	1 x 1
164800	Skyflat 4s B	13:04:33.00	+29:50:48.9	B1950.00		1.174	179.7	20:20:39.5	3.6	B	Harris	1	1 x 1
164801	Skyflat 4s B	13:04:33.00	+29:50:48.9	B1950.00		1.174	179.7	20:20:39.5	3.6	B	Harris	5	1 x 1

164802	Skyflat 4s B	13:04:33.00	+29:50:48.9	B1950.00	1.174	179.7	20:20:39.5	3.6	B	Harris	3	1 x 1
164803	Skyflat 4s B	13:04:33.00	+29:50:48.9	B1950.00	1.174	179.7	20:20:39.5	3.6	B	Harris	4	1 x 1
164804	Skyflat 10s B	13:04:33.00	+29:50:49.0	B1950.00	1.165	179.7	20:23:42.7	10.2	B	Harris	1	1 x 1
164805	Skyflat 10s B	13:04:33.00	+29:50:49.0	B1950.00	1.165	179.7	20:23:42.7	10.2	B	Harris	5	1 x 1
164806	Skyflat 10s B	13:04:33.00	+29:50:49.0	B1950.00	1.165	179.7	20:23:42.7	10.2	B	Harris	3	1 x 1
164807	Skyflat 10s B	13:04:33.00	+29:50:49.0	B1950.00	1.165	179.7	20:23:42.7	10.2	B	Harris	4	1 x 1
164808	skyflat 25s B	13:04:32.99	+29:50:49.0	B1950.00	1.156	179.7	20:27:20.1	25.1	B	Harris	1	1 x 1
164809	skyflat 25s B	13:04:32.99	+29:50:49.0	B1950.00	1.156	179.7	20:27:20.1	25.1	B	Harris	5	1 x 1
164810	skyflat 25s B	13:04:32.99	+29:50:49.0	B1950.00	1.156	179.7	20:27:20.1	25.1	B	Harris	3	1 x 1
164811	skyflat 25s B	13:04:32.99	+29:50:49.0	B1950.00	1.156	179.7	20:27:20.1	25.1	B	Harris	4	1 x 1
164812	skyflat 75s B	13:04:33.00	+29:50:48.9	B1950.00	1.146	179.7	20:30:44.5	75.1	B	Harris	1	1 x 1
164813	skyflat 75s B	13:04:33.00	+29:50:48.9	B1950.00	1.146	179.7	20:30:44.5	75.1	B	Harris	5	1 x 1
164814	skyflat 75s B	13:04:33.00	+29:50:48.9	B1950.00	1.146	179.7	20:30:44.5	75.1	B	Harris	3	1 x 1
164815	skyflat 75s B	13:04:33.00	+29:50:48.9	B1950.00	1.146	179.7	20:30:44.5	75.1	B	Harris	4	1 x 1
164816	skyflat 150s B	13:04:34.53	+29:51:08.9	B1950.00	1.133	179.7	20:35:46.8	150.0	B	Harris	1	1 x 1
164817	skyflat 150s B	13:04:34.53	+29:51:08.9	B1950.00	1.133	179.7	20:35:46.8	150.0	B	Harris	5	1 x 1
164818	skyflat 150s B	13:04:34.53	+29:51:08.9	B1950.00	1.133	179.7	20:35:46.8	150.0	B	Harris	3	1 x 1
164819	skyflat 150s B	13:04:34.53	+29:51:08.9	B1950.00	1.133	179.7	20:35:46.8	150.0	B	Harris	4	1 x 1
164820	skyflat 300s B	13:04:32.23	+29:50:38.9	B1950.00	1.117	179.7	20:41:37.5	299.8	B	Harris	1	1 x 1
164821	skyflat 300s B	13:04:32.23	+29:50:38.9	B1950.00	1.117	179.7	20:41:37.5	299.8	B	Harris	5	1 x 1
164822	skyflat 300s B	13:04:32.23	+29:50:38.9	B1950.00	1.117	179.7	20:41:37.5	299.8	B	Harris	3	1 x 1
164823	skyflat 300s B	13:04:32.23	+29:50:38.9	B1950.00	1.117	179.7	20:41:37.5	299.8	B	Harris	4	1 x 1
164824	skyflat 300s I	13:04:32.23	+29:50:38.9	B1950.00	1.101	179.7	20:49:52.7	299.8	I	INT-WFC	1	1 x 1
164825	skyflat 300s I	13:04:32.23	+29:50:38.9	B1950.00	1.101	179.7	20:49:52.7	299.8	I	INT-WFC	5	1 x 1
164826	skyflat 300s I	13:04:32.23	+29:50:38.9	B1950.00	1.101	179.7	20:49:52.7	299.8	I	INT-WFC	3	1 x 1
164827	skyflat 300s I	13:04:32.23	+29:50:38.9	B1950.00	1.101	179.7	20:49:52.7	299.8	I	INT-WFC	4	1 x 1
164828	skyflat 300s I	13:04:34.53	+29:50:49.0	B1950.00	1.086	179.7	20:58:05.8	299.9	I	INT-WFC	1	1 x 1
164829	skyflat 300s I	13:04:34.53	+29:50:49.0	B1950.00	1.086	179.7	20:58:05.8	299.9	I	INT-WFC	5	1 x 1
164830	skyflat 300s I	13:04:34.53	+29:50:49.0	B1950.00	1.086	179.7	20:58:05.8	299.9	I	INT-WFC	3	1 x 1
164831	skyflat 300s I	13:04:34.53	+29:50:49.0	B1950.00	1.086	179.7	20:58:05.8	299.9	I	INT-WFC	4	1 x 1
164832	skyflat 400s I	13:04:33.00	+29:51:08.9	B1950.00	1.071	179.7	21:06:09.4	399.1	I	INT-WFC	1	1 x 1
164833	skyflat 400s I	13:04:33.00	+29:51:08.9	B1950.00	1.071	179.7	21:06:09.4	399.1	I	INT-WFC	5	1 x 1
164834	skyflat 400s I	13:04:33.00	+29:51:08.9	B1950.00	1.071	179.7	21:06:09.4	399.1	I	INT-WFC	3	1 x 1
164835	skyflat 400s I	13:04:33.00	+29:51:08.9	B1950.00	1.071	179.7	21:06:09.4	399.1	I	INT-WFC	4	1 x 1
164836	Focus run	10:50:07.99	+00:02:40.0	J2000.00	1.166	179.7	21:19:30.6	10.1	V	Harris	1	1 x 1
164837	Focus run	10:50:07.99	+00:02:40.0	J2000.00	1.166	179.7	21:19:30.6	10.1	V	Harris	5	1 x 1
164838	Focus run	10:50:07.99	+00:02:40.0	J2000.00	1.166	179.7	21:19:30.6	10.1	V	Harris	3	1 x 1
164839	Focus run	10:50:07.99	+00:02:40.0	J2000.00	1.166	179.7	21:19:30.6	10.1	V	Harris	4	1 x 1
164844	F_22 600s V	12:55:55.00	+27:01:41.0	J2000.00	1.026	179.7	21:31:34.9	599.4	V	Harris	1	1 x 1
164845	F_22 600s V	12:55:55.00	+27:01:41.0	J2000.00	1.026	179.7	21:31:34.9	599.4	V	Harris	5	1 x 1
164846	F_22 600s V	12:55:55.00	+27:01:41.0	J2000.00	1.026	179.7	21:31:34.9	599.4	V	Harris	3	1 x 1
164847	F_22 600s V	12:55:55.00	+27:01:41.0	J2000.00	1.026	179.7	21:31:34.9	599.4	V	Harris	4	1 x 1
164848	F_22 600s V	12:55:55.00	+27:01:40.9	J2000.00	1.016	179.7	21:44:17.3	599.4	V	Harris	1	1 x 1
164849	F_22 600s V	12:55:55.00	+27:01:40.9	J2000.00	1.016	179.7	21:44:17.3	599.4	V	Harris	5	1 x 1
164850	F_22 600s V	12:55:55.00	+27:01:40.9	J2000.00	1.016	179.7	21:44:17.3	599.4	V	Harris	3	1 x 1
164851	F_22 600s V	12:55:55.00	+27:01:40.9	J2000.00	1.016	179.7	21:44:17.3	599.4	V	Harris	4	1 x 1
164852	F_22 600s V	12:55:54.99	+27:01:41.0	J2000.00	1.008	179.7	21:57:27.3	599.5	V	Harris	1	1 x 1
164853	F_22 600s V	12:55:54.99	+27:01:41.0	J2000.00	1.008	179.7	21:57:27.3	599.5	V	Harris	5	1 x 1
164854	F_22 600s V	12:55:54.99	+27:01:41.0	J2000.00	1.008	179.7	21:57:27.3	599.5	V	Harris	3	1 x 1
164855	F_22 600s V	12:55:54.99	+27:01:41.0	J2000.00	1.008	179.7	21:57:27.3	599.5	V	Harris	4	1 x 1
164856	F_22 600s V	12:55:55.00	+27:01:41.0	J2000.00	1.003	179.7	22:10:45.1	599.4	V	Harris	1	1 x 1
164857	F_22 600s V	12:55:55.00	+27:01:41.0	J2000.00	1.003	179.7	22:10:45.1	599.4	V	Harris	5	1 x 1
164858	F_22 600s V	12:55:55.00	+27:01:41.0	J2000.00	1.003	179.7	22:10:45.1	599.4	V	Harris	3	1 x 1
164859	F_22 600s V	12:55:55.00	+27:01:41.0	J2000.00	1.003	179.7	22:10:45.1	599.4	V	Harris	4	1 x 1
164860	F_23 600s V	12:55:55.00	+26:19:59.9	J2000.00	1.001	179.7	22:27:48.2	598.9	V	Harris	1	1 x 1
164861	F_23 600s V	12:55:55.00	+26:19:59.9	J2000.00	1.001	179.7	22:27:48.2	598.9	V	Harris	5	1 x 1
164862	F_23 600s V	12:55:55.00	+26:19:59.9	J2000.00	1.001	179.7	22:27:48.2	598.9	V	Harris	3	1 x 1
164863	F_23 600s V	12:55:55.00	+26:19:59.9	J2000.00	1.001	179.7	22:27:48.2	598.9	V	Harris	4	1 x 1
164864	F_23 600s V	12:53:40.00	+26:20:00.0	J2000.00	1.003	179.7	22:43:29.8	599.4	V	Harris	1	1 x 1 Actually F_24
164865	F_23 600s V	12:53:40.00	+26:20:00.0	J2000.00	1.003	179.7	22:43:29.8	599.4	V	Harris	5	1 x 1 Actually F_24
164866	F_23 600s V	12:53:40.00	+26:20:00.0	J2000.00	1.003	179.7	22:43:29.8	599.4	V	Harris	3	1 x 1 Actually F_24
164867	F_23 600s V	12:53:40.00	+26:20:00.0	J2000.00	1.003	179.7	22:43:29.8	599.4	V	Harris	4	1 x 1 Actually F_24

164868	F_23 600s V	12:55:55.00	+26:20:00.0	J2000.00	1.007	179.7	22:58:04.2	599.5	V	Harris	1	1 x 1
164869	F_23 600s V	12:55:55.00	+26:20:00.0	J2000.00	1.007	179.7	22:58:04.2	599.5	V	Harris	5	1 x 1
164870	F_23 600s V	12:55:55.00	+26:20:00.0	J2000.00	1.007	179.7	22:58:04.2	599.5	V	Harris	3	1 x 1
164871	F_23 600s V	12:55:55.00	+26:20:00.0	J2000.00	1.007	179.7	22:58:04.2	599.5	V	Harris	4	1 x 1
164872	F_23 600s V	12:55:55.00	+26:20:00.0	J2000.00	1.014	179.7	23:11:19.9	599.4	V	Harris	1	1 x 1
164873	F_23 600s V	12:55:55.00	+26:20:00.0	J2000.00	1.014	179.7	23:11:19.9	599.4	V	Harris	5	1 x 1
164874	F_23 600s V	12:55:55.00	+26:20:00.0	J2000.00	1.014	179.7	23:11:19.9	599.4	V	Harris	3	1 x 1
164875	F_23 600s V	12:55:55.00	+26:20:00.0	J2000.00	1.014	179.7	23:11:19.9	599.4	V	Harris	4	1 x 1
164876	F_23 600s V	12:55:55.00	+26:19:59.9	J2000.00	1.024	179.7	23:24:26.1	599.4	V	Harris	1	1 x 1
164877	F_23 600s V	12:55:55.00	+26:19:59.9	J2000.00	1.024	179.7	23:24:26.1	599.4	V	Harris	5	1 x 1
164878	F_23 600s V	12:55:55.00	+26:19:59.9	J2000.00	1.024	179.7	23:24:26.1	599.4	V	Harris	3	1 x 1
164879	F_23 600s V	12:55:55.00	+26:19:59.9	J2000.00	1.024	179.7	23:24:26.1	599.4	V	Harris	4	1 x 1
164880	F_23 600s V	12:55:55.00	+26:19:59.9	J2000.00	1.037	179.7	23:37:32.8	599.4	V	Harris	1	1 x 1
164881	F_23 600s V	12:55:55.00	+26:19:59.9	J2000.00	1.037	179.7	23:37:32.8	599.4	V	Harris	5	1 x 1
164882	F_23 600s V	12:55:55.00	+26:19:59.9	J2000.00	1.037	179.7	23:37:32.8	599.4	V	Harris	3	1 x 1
164883	F_23 600s V	12:55:55.00	+26:19:59.9	J2000.00	1.037	179.7	23:37:32.8	599.4	V	Harris	4	1 x 1
164884	F_22 600s V	12:55:54.99	+27:01:41.0	J2000.00	1.053	179.7	23:51:52.6	599.0	V	Harris	1	1 x 1
164885	F_22 600s V	12:55:54.99	+27:01:41.0	J2000.00	1.053	179.7	23:51:52.6	599.0	V	Harris	5	1 x 1
164886	F_22 600s V	12:55:54.99	+27:01:41.0	J2000.00	1.053	179.7	23:51:52.6	599.0	V	Harris	3	1 x 1
164887	F_22 600s V	12:55:54.99	+27:01:41.0	J2000.00	1.053	179.7	23:51:52.6	599.0	V	Harris	4	1 x 1
164888	F_24 600s V	12:53:40.00	+26:19:59.9	J2000.00	1.078	179.7	00:05:31.9	599.3	V	Harris	1	1 x 1
164889	F_24 600s V	12:53:40.00	+26:19:59.9	J2000.00	1.078	179.7	00:05:31.9	599.3	V	Harris	5	1 x 1
164890	F_24 600s V	12:53:40.00	+26:19:59.9	J2000.00	1.078	179.7	00:05:31.9	599.3	V	Harris	3	1 x 1
164891	F_24 600s V	12:53:40.00	+26:19:59.9	J2000.00	1.078	179.7	00:05:31.9	599.3	V	Harris	4	1 x 1
164892	F_24 600s V	12:53:39.99	+26:20:00.0	J2000.00	1.101	179.7	00:18:31.7	599.4	V	Harris	1	1 x 1
164893	F_24 600s V	12:53:39.99	+26:20:00.0	J2000.00	1.101	179.7	00:18:31.7	599.4	V	Harris	5	1 x 1
164894	F_24 600s V	12:53:39.99	+26:20:00.0	J2000.00	1.101	179.7	00:18:31.7	599.4	V	Harris	3	1 x 1
164895	F_24 600s V	12:53:39.99	+26:20:00.0	J2000.00	1.101	179.7	00:18:31.7	599.4	V	Harris	4	1 x 1
164896	F_24 600s V	12:53:40.00	+26:20:00.0	J2000.00	1.128	179.7	00:31:29.2	599.6	V	Harris	1	1 x 1
164897	F_24 600s V	12:53:40.00	+26:20:00.0	J2000.00	1.128	179.7	00:31:29.2	599.6	V	Harris	5	1 x 1
164898	F_24 600s V	12:53:40.00	+26:20:00.0	J2000.00	1.128	179.7	00:31:29.2	599.6	V	Harris	3	1 x 1
164899	F_24 600s V	12:53:40.00	+26:20:00.0	J2000.00	1.128	179.7	00:31:29.2	599.6	V	Harris	4	1 x 1
164900	F_24 600s V	12:53:39.99	+26:19:59.9	J2000.00	1.160	179.7	00:44:31.6	599.5	V	Harris	1	1 x 1
164901	F_24 600s V	12:53:39.99	+26:19:59.9	J2000.00	1.160	179.7	00:44:31.6	599.5	V	Harris	5	1 x 1
164902	F_24 600s V	12:53:39.99	+26:19:59.9	J2000.00	1.160	179.7	00:44:31.6	599.5	V	Harris	3	1 x 1
164903	F_24 600s V	12:53:39.99	+26:19:59.9	J2000.00	1.160	179.7	00:44:31.6	599.5	V	Harris	4	1 x 1
164904	F_30 600s V	16:27:59.99	+26:33:50.0	J2000.00	1.029	179.7	01:00:25.8	599.5	V	Harris	1	1 x 1
164905	F_30 600s V	16:27:59.99	+26:33:50.0	J2000.00	1.029	179.7	01:00:25.8	599.5	V	Harris	5	1 x 1
164906	F_30 600s V	16:27:59.99	+26:33:50.0	J2000.00	1.029	179.7	01:00:25.8	599.5	V	Harris	3	1 x 1
164907	F_30 600s V	16:27:59.99	+26:33:50.0	J2000.00	1.029	179.7	01:00:25.8	599.5	V	Harris	4	1 x 1
164908	F_30 600s V	16:28:00.00	+26:33:49.9	J2000.00	1.018	179.7	01:13:29.3	599.5	V	Harris	1	1 x 1
164909	F_30 600s V	16:28:00.00	+26:33:49.9	J2000.00	1.018	179.7	01:13:29.3	599.5	V	Harris	5	1 x 1
164910	F_30 600s V	16:28:00.00	+26:33:49.9	J2000.00	1.018	179.7	01:13:29.3	599.5	V	Harris	3	1 x 1
164911	F_30 600s V	16:28:00.00	+26:33:49.9	J2000.00	1.018	179.7	01:13:29.3	599.5	V	Harris	4	1 x 1
164912	F_30 600s V	16:28:00.00	+26:33:50.0	J2000.00	1.010	179.7	01:26:23.5	599.5	V	Harris	1	1 x 1
164913	F_30 600s V	16:28:00.00	+26:33:50.0	J2000.00	1.010	179.7	01:26:23.5	599.5	V	Harris	5	1 x 1
164914	F_30 600s V	16:28:00.00	+26:33:50.0	J2000.00	1.010	179.7	01:26:23.5	599.5	V	Harris	3	1 x 1
164915	F_30 600s V	16:28:00.00	+26:33:50.0	J2000.00	1.010	179.7	01:26:23.5	599.5	V	Harris	4	1 x 1
164916	F_30 600s V	16:28:00.00	+26:33:50.0	J2000.00	1.004	179.7	01:39:23.9	599.5	V	Harris	1	1 x 1
164917	F_30 600s V	16:28:00.00	+26:33:50.0	J2000.00	1.004	179.7	01:39:23.9	599.5	V	Harris	5	1 x 1
164918	F_30 600s V	16:28:00.00	+26:33:50.0	J2000.00	1.004	179.7	01:39:23.9	599.5	V	Harris	3	1 x 1
164919	F_30 600s V	16:28:00.00	+26:33:50.0	J2000.00	1.004	179.7	01:39:23.9	599.5	V	Harris	4	1 x 1
164920	F_31 600s V	17:20:08.89	+26:38:05.8	J2000.00	1.025	179.7	01:56:19.3	599.4	V	Harris	1	1 x 1
164921	F_31 600s V	17:20:08.89	+26:38:05.8	J2000.00	1.025	179.7	01:56:19.3	599.4	V	Harris	5	1 x 1
164922	F_31 600s V	17:20:08.89	+26:38:05.8	J2000.00	1.025	179.7	01:56:19.3	599.4	V	Harris	3	1 x 1
164923	F_31 600s V	17:20:08.89	+26:38:05.8	J2000.00	1.025	179.7	01:56:19.3	599.4	V	Harris	4	1 x 1
164924	F_32 600s V	17:19:50.00	+26:00:00.0	J2000.00	1.015	179.7	02:10:07.3	599.4	V	Harris	1	1 x 1
164925	F_32 600s V	17:19:50.00	+26:00:00.0	J2000.00	1.015	179.7	02:10:07.3	599.4	V	Harris	5	1 x 1
164926	F_32 600s V	17:19:50.00	+26:00:00.0	J2000.00	1.015	179.7	02:10:07.3	599.4	V	Harris	3	1 x 1
164927	F_32 600s V	17:19:50.00	+26:00:00.0	J2000.00	1.015	179.7	02:10:07.3	599.4	V	Harris	4	1 x 1
164928	Bias frame	17:20:08.90	+26:38:06.0	J2000.00	1.008	179.7	02:27:17.6	0.0	V	Harris	1	1 x 1
164929	Bias frame	17:20:08.90	+26:38:06.0	J2000.00	1.008	179.7	02:27:17.6	0.0	V	Harris	5	1 x 1

164930	Bias frame	17:20:08.90	+26:38:06.0	J2000.00	1.008	179.7	02:27:17.6	0.0	V	Harris	3	1 x 1
164931	Bias frame	17:20:08.90	+26:38:06.0	J2000.00	1.008	179.7	02:27:17.6	0.0	V	Harris	4	1 x 1
164932	F_32 600s V	17:19:50.00	+26:00:00.0	J2000.00	1.005	179.7	02:31:14.2	599.5	V	Harris	1	1 x 1
164933	F_32 600s V	17:19:50.00	+26:00:00.0	J2000.00	1.005	179.7	02:31:14.2	599.5	V	Harris	5	1 x 1
164934	F_32 600s V	17:19:50.00	+26:00:00.0	J2000.00	1.005	179.7	02:31:14.2	599.5	V	Harris	3	1 x 1
164935	F_32 600s V	17:19:50.00	+26:00:00.0	J2000.00	1.005	179.7	02:31:14.2	599.5	V	Harris	4	1 x 1
164936	F_31 600s V	17:20:08.89	+26:38:05.9	J2000.00	1.001	179.7	02:46:01.6	599.5	V	Harris	1	1 x 1
164937	F_31 600s V	17:20:08.89	+26:38:05.9	J2000.00	1.001	179.7	02:46:01.6	599.5	V	Harris	5	1 x 1
164938	F_31 600s V	17:20:08.89	+26:38:05.9	J2000.00	1.001	179.7	02:46:01.6	599.5	V	Harris	3	1 x 1
164939	F_31 600s V	17:20:08.89	+26:38:05.9	J2000.00	1.001	179.7	02:46:01.6	599.5	V	Harris	4	1 x 1
164944	F_31 600s V	17:20:08.89	+26:38:06.0	J2000.00	1.001	179.7	02:59:31.7	599.0	V	Harris	1	1 x 1
164945	F_31 600s V	17:20:08.89	+26:38:06.0	J2000.00	1.001	179.7	02:59:31.7	599.0	V	Harris	5	1 x 1
164946	F_31 600s V	17:20:08.89	+26:38:06.0	J2000.00	1.001	179.7	02:59:31.7	599.0	V	Harris	3	1 x 1
164947	F_31 600s V	17:20:08.89	+26:38:06.0	J2000.00	1.001	179.7	02:59:31.7	599.0	V	Harris	4	1 x 1
164948	F_31 600s V	17:20:08.89	+26:38:06.0	J2000.00	1.004	179.7	03:12:40.2	599.4	V	Harris	1	1 x 1
164949	F_31 600s V	17:20:08.89	+26:38:06.0	J2000.00	1.004	179.7	03:12:40.2	599.4	V	Harris	5	1 x 1
164950	F_31 600s V	17:20:08.89	+26:38:06.0	J2000.00	1.004	179.7	03:12:40.2	599.4	V	Harris	3	1 x 1
164951	F_31 600s V	17:20:08.89	+26:38:06.0	J2000.00	1.004	179.7	03:12:40.2	599.4	V	Harris	4	1 x 1
164952	F_31 600s V	17:20:08.89	+26:38:06.0	J2000.00	1.009	179.7	03:25:41.6	599.0	V	Harris	1	1 x 1
164953	F_31 600s V	17:20:08.89	+26:38:06.0	J2000.00	1.009	179.7	03:25:41.6	599.0	V	Harris	5	1 x 1
164954	F_31 600s V	17:20:08.89	+26:38:06.0	J2000.00	1.009	179.7	03:25:41.6	599.0	V	Harris	3	1 x 1
164955	F_31 600s V	17:20:08.89	+26:38:06.0	J2000.00	1.009	179.7	03:25:41.6	599.0	V	Harris	4	1 x 1
164956	F_30 600s V	16:27:59.99	+26:33:49.9	J2000.00	1.078	179.7	03:39:33.5	599.5	V	Harris	1	1 x 1
164957	F_30 600s V	16:27:59.99	+26:33:49.9	J2000.00	1.078	179.7	03:39:33.5	599.5	V	Harris	5	1 x 1
164958	F_30 600s V	16:27:59.99	+26:33:49.9	J2000.00	1.078	179.7	03:39:33.5	599.5	V	Harris	3	1 x 1
164959	F_30 600s V	16:27:59.99	+26:33:49.9	J2000.00	1.078	179.7	03:39:33.5	599.5	V	Harris	4	1 x 1
164960	F_32 600s V	17:19:50.00	+26:00:00.0	J2000.00	1.031	179.7	03:55:13.5	599.5	V	Harris	1	1 x 1
164961	F_32 600s V	17:19:50.00	+26:00:00.0	J2000.00	1.031	179.7	03:55:13.5	599.5	V	Harris	5	1 x 1
164962	F_32 600s V	17:19:50.00	+26:00:00.0	J2000.00	1.031	179.7	03:55:13.5	599.5	V	Harris	3	1 x 1
164963	F_32 600s V	17:19:50.00	+26:00:00.0	J2000.00	1.031	179.7	03:55:13.5	599.5	V	Harris	4	1 x 1
164964	F_32 600s V	17:19:50.00	+25:59:59.9	J2000.00	1.046	179.7	04:08:24.0	599.4	V	Harris	1	1 x 1
164965	F_32 600s V	17:19:50.00	+25:59:59.9	J2000.00	1.046	179.7	04:08:24.0	599.4	V	Harris	5	1 x 1
164966	F_32 600s V	17:19:50.00	+25:59:59.9	J2000.00	1.046	179.7	04:08:24.0	599.4	V	Harris	3	1 x 1
164967	F_32 600s V	17:19:50.00	+25:59:59.9	J2000.00	1.046	179.7	04:08:24.0	599.4	V	Harris	4	1 x 1
164968	F_32 600s V	17:19:50.00	+25:59:59.8	J2000.00	1.063	179.7	04:21:28.4	599.4	V	Harris	1	1 x 1
164969	F_32 600s V	17:19:50.00	+25:59:59.8	J2000.00	1.063	179.7	04:21:28.4	599.4	V	Harris	5	1 x 1
164970	F_32 600s V	17:19:50.00	+25:59:59.8	J2000.00	1.063	179.7	04:21:28.4	599.4	V	Harris	3	1 x 1
164971	F_32 600s V	17:19:50.00	+25:59:59.8	J2000.00	1.063	179.7	04:21:28.4	599.4	V	Harris	4	1 x 1
164972	F_32 600s V	17:19:49.99	+26:00:00.0	J2000.00	1.084	179.7	04:34:32.1	599.5	V	Harris	1	1 x 1
164973	F_32 600s V	17:19:49.99	+26:00:00.0	J2000.00	1.084	179.7	04:34:32.1	599.5	V	Harris	5	1 x 1
164974	F_32 600s V	17:19:49.99	+26:00:00.0	J2000.00	1.084	179.7	04:34:32.1	599.5	V	Harris	3	1 x 1
164975	F_32 600s V	17:19:49.99	+26:00:00.0	J2000.00	1.084	179.7	04:34:32.1	599.5	V	Harris	4	1 x 1
164976	F_30 600s V	16:28:00.00	+26:33:49.9	J2000.00	1.254	179.7	04:49:02.5	599.4	V	Harris	1	1 x 1
164977	F_30 600s V	16:28:00.00	+26:33:49.9	J2000.00	1.254	179.7	04:49:02.5	599.4	V	Harris	5	1 x 1
164978	F_30 600s V	16:28:00.00	+26:33:49.9	J2000.00	1.254	179.7	04:49:02.5	599.4	V	Harris	3	1 x 1
164979	F_30 600s V	16:28:00.00	+26:33:49.9	J2000.00	1.254	179.7	04:49:02.5	599.4	V	Harris	4	1 x 1
164980	F_31 600s V	17:20:08.90	+26:38:05.9	J2000.00	1.141	179.7	05:03:01.7	598.9	V	Harris	1	1 x 1 autoguider
164981	F_31 600s V	17:20:08.90	+26:38:05.9	J2000.00	1.141	179.7	05:03:01.7	598.9	V	Harris	5	1 x 1
164982	F_31 600s V	17:20:08.90	+26:38:05.9	J2000.00	1.141	179.7	05:03:01.7	598.9	V	Harris	3	1 x 1
164983	F_31 600s V	17:20:08.90	+26:38:05.9	J2000.00	1.141	179.7	05:03:01.7	598.9	V	Harris	4	1 x 1
164984	F_32 600s V	17:19:49.99	+26:00:00.0	J2000.00	1.181	179.7	05:17:09.8	599.4	V	Harris	1	1 x 1
164985	F_32 600s V	17:19:49.99	+26:00:00.0	J2000.00	1.181	179.7	05:17:09.8	599.4	V	Harris	5	1 x 1
164986	F_32 600s V	17:19:49.99	+26:00:00.0	J2000.00	1.181	179.7	05:17:09.8	599.4	V	Harris	3	1 x 1
164987	F_32 600s V	17:19:49.99	+26:00:00.0	J2000.00	1.181	179.7	05:17:09.8	599.4	V	Harris	4	1 x 1
164988	Skyflat 300s B	21:26:54.40	-08:51:40.9	B1950.00	1.384	179.7	05:30:09.6	299.8	V	Harris	1	1 x 1
164989	Skyflat 300s B	21:26:54.40	-08:51:40.9	B1950.00	1.384	179.7	05:30:09.6	299.8	V	Harris	5	1 x 1
164990	Skyflat 300s B	21:26:54.40	-08:51:40.9	B1950.00	1.384	179.7	05:30:09.6	299.8	V	Harris	3	1 x 1
164991	Skyflat 300s B	21:26:54.40	-08:51:40.9	B1950.00	1.384	179.7	05:30:09.6	299.8	V	Harris	4	1 x 1
164992	Skyflat 200s B	21:26:55.07	-08:51:41.0	B1950.00	1.364	179.7	05:38:26.8	199.9	V	Harris	1	1 x 1
164993	Skyflat 200s B	21:26:55.07	-08:51:41.0	B1950.00	1.364	179.7	05:38:26.8	199.9	V	Harris	5	1 x 1
164994	Skyflat 200s B	21:26:55.07	-08:51:41.0	B1950.00	1.364	179.7	05:38:26.8	199.9	V	Harris	3	1 x 1
164995	Skyflat 200s B	21:26:55.07	-08:51:41.0	B1950.00	1.364	179.7	05:38:26.8	199.9	V	Harris	4	1 x 1

164996	Skyflat	60s	B	21:26:54.40	-08:51:21.0	B1950.00	1.351	179.7	05:44:55.7	40.1	V	Harris	1	1 x 1	
164997	Skyflat	60s	B	21:26:54.40	-08:51:21.0	B1950.00	1.351	179.7	05:44:55.7	40.1	V	Harris	5	1 x 1	
164998	Skyflat	60s	B	21:26:54.40	-08:51:21.0	B1950.00	1.351	179.7	05:44:55.7	40.1	V	Harris	3	1 x 1	
164999	Skyflat	60s	B	21:26:54.40	-08:51:21.0	B1950.00	1.351	179.7	05:44:55.7	40.1	V	Harris	4	1 x 1	
165000	Skyflat	10s	B	21:26:55.75	-08:51:20.9	B1950.00	1.343	179.7	05:48:33.4	10.1	V	Harris	1	1 x 1	
165001	Skyflat	10s	B	21:26:55.75	-08:51:20.9	B1950.00	1.343	179.7	05:48:33.4	10.1	V	Harris	5	1 x 1	
165002	Skyflat	10s	B	21:26:55.75	-08:51:20.9	B1950.00	1.343	179.7	05:48:33.4	10.1	V	Harris	3	1 x 1	
165003	Skyflat	10s	B	21:26:55.75	-08:51:20.9	B1950.00	1.343	179.7	05:48:33.4	10.1	V	Harris	4	1 x 1	
165004	Skyflat	5s	B	21:26:53.05	-08:51:41.0	B1950.00	1.335	179.7	05:52:09.0	5.0	V	Harris	1	1 x 1	
165005	Skyflat	5s	B	21:26:53.05	-08:51:41.0	B1950.00	1.335	179.7	05:52:09.0	5.0	V	Harris	5	1 x 1	
165006	Skyflat	5s	B	21:26:53.05	-08:51:41.0	B1950.00	1.335	179.7	05:52:09.0	5.0	V	Harris	3	1 x 1	
165007	Skyflat	5s	B	21:26:53.05	-08:51:41.0	B1950.00	1.335	179.7	05:52:09.0	5.0	V	Harris	4	1 x 1	
165008	Skyflat	5s	B	21:26:54.40	-08:52:00.9	B1950.00	1.329	179.7	05:55:08.2	4.6	V	Harris	1	1 x 1	
165009	Skyflat	5s	B	21:26:54.40	-08:52:00.9	B1950.00	1.329	179.7	05:55:08.2	4.6	V	Harris	5	1 x 1	
165010	Skyflat	5s	B	21:26:54.40	-08:52:00.9	B1950.00	1.329	179.7	05:55:08.2	4.6	V	Harris	3	1 x 1	
165011	Skyflat	5s	B	21:26:54.40	-08:52:00.9	B1950.00	1.329	179.7	05:55:08.2	4.6	V	Harris	4	1 x 1	
165012	Skyflat	3s	B	21:26:53.05	-08:52:01.0	B1950.00	1.322	179.7	05:58:14.0	3.1	V	Harris	1	1 x 1	
165013	Skyflat	3s	B	21:26:53.05	-08:52:01.0	B1950.00	1.322	179.7	05:58:14.0	3.1	V	Harris	5	1 x 1	
165014	Skyflat	3s	B	21:26:53.05	-08:52:01.0	B1950.00	1.322	179.7	05:58:14.0	3.1	V	Harris	3	1 x 1	
165015	Skyflat	3s	B	21:26:53.05	-08:52:01.0	B1950.00	1.322	179.7	05:58:14.0	3.1	V	Harris	4	1 x 1	
165016	Skyflat	3s	B	21:26:57.09	-08:51:41.0	B1950.00	1.317	179.7	06:00:58.8	3.1	V	Harris	1	1 x 1	Saturated
165017	Skyflat	3s	B	21:26:57.09	-08:51:41.0	B1950.00	1.317	179.7	06:00:58.8	3.1	V	Harris	5	1 x 1	
165018	Skyflat	3s	B	21:26:57.09	-08:51:41.0	B1950.00	1.317	179.7	06:00:58.8	3.1	V	Harris	3	1 x 1	
165019	Skyflat	3s	B	21:26:57.09	-08:51:41.0	B1950.00	1.317	179.7	06:00:58.8	3.1	V	Harris	4	1 x 1	