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INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE:              INT
DATE:                   1999 May 18/19
INT TAPE NR:            INTD4052
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):     1
NO. SEEING MEASURES:     -

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

DARK HOURS:             07:22
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
165690	Focus run						11:13:04.0	5.1	U	RGO	1	1 x 1	
165691	Focus run						11:13:04.0	5.1	U	RGO	5	1 x 1	
165692	Focus run						11:13:04.0	5.1	U	RGO	3	1 x 1	
165693	Focus run						11:13:04.0	5.1	U	RGO	4	1 x 1	
165694	Focus run						11:24:39.6	4.6	U	RGO	1	1 x 1	
165695	Focus run						11:24:39.6	4.6	U	RGO	5	1 x 1	

165696	Focus run						11:24:39.6	4.6	U	RGO	3	1 x 1	
165697	Focus run						11:24:39.6	4.6	U	RGO	4	1 x 1	
165698	Focus run						11:36:18.0	10.1	U	RGO	1	1 x 1	
165699	Focus run						11:36:18.0	10.1	U	RGO	5	1 x 1	
165700	Focus run						11:36:18.0	10.1	U	RGO	3	1 x 1	
165701	Focus run						11:36:18.0	10.1	U	RGO	4	1 x 1	
165702	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.1	14:23:24.7	0.0	R	Harris	1	1 x 1	
165703	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.1	14:23:24.7	0.0	R	Harris	5	1 x 1	
165704	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.1	14:23:24.7	0.0	R	Harris	3	1 x 1	
165705	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	1.000	180.1	14:23:24.7	0.0	R	Harris	4	1 x 1	
165706	Skyflat 1s	13:04:32.99	+29:50:48.9	B1950.00	1.162	180.1	20:13:08.5	1.1	I	INT-WFC	1	1 x 1	
165707	Skyflat 1s	13:04:32.99	+29:50:48.9	B1950.00	1.162	180.1	20:13:08.5	1.1	I	INT-WFC	5	1 x 1	
165708	Skyflat 1s	13:04:32.99	+29:50:48.9	B1950.00	1.162	180.1	20:13:08.5	1.1	I	INT-WFC	3	1 x 1	
165709	Skyflat 1s	13:04:32.99	+29:50:48.9	B1950.00	1.162	180.1	20:13:08.5	1.1	I	INT-WFC	4	1 x 1	
165710	Skyflat 1s I	13:04:33.00	+29:50:49.0	B1950.00	1.151	180.1	20:17:39.4	1.1	I	INT-WFC	1	1 x 1	
165711	Skyflat 1s I	13:04:33.00	+29:50:49.0	B1950.00	1.151	180.1	20:17:39.4	1.1	I	INT-WFC	5	1 x 1	
165712	Skyflat 1s I	13:04:33.00	+29:50:49.0	B1950.00	1.151	180.1	20:17:39.4	1.1	I	INT-WFC	3	1 x 1	
165713	Skyflat 1s I	13:04:33.00	+29:50:49.0	B1950.00	1.151	180.1	20:17:39.4	1.1	I	INT-WFC	4	1 x 1	
165714	Skyflat 3s I	13:04:33.00	+29:50:49.0	B1950.00	1.142	180.1	20:21:11.6	0.9	I	INT-WFC	1	1 x 1	really 1 sec
165715	Skyflat 3s I	13:04:33.00	+29:50:49.0	B1950.00	1.142	180.1	20:21:11.6	0.9	I	INT-WFC	5	1 x 1	
165716	Skyflat 3s I	13:04:33.00	+29:50:49.0	B1950.00	1.142	180.1	20:21:11.6	0.9	I	INT-WFC	3	1 x 1	
165717	Skyflat 3s I	13:04:33.00	+29:50:49.0	B1950.00	1.142	180.1	20:21:11.6	0.9	I	INT-WFC	4	1 x 1	
165718	Skyflat 5s I	13:04:32.99	+29:50:49.0	B1950.00	1.135	180.1	20:24:03.2	5.1	I	INT-WFC	1	1 x 1	
165719	Skyflat 5s I	13:04:32.99	+29:50:49.0	B1950.00	1.135	180.1	20:24:03.2	5.1	I	INT-WFC	5	1 x 1	
165720	Skyflat 5s I	13:04:32.99	+29:50:49.0	B1950.00	1.135	180.1	20:24:03.2	5.1	I	INT-WFC	3	1 x 1	
165721	Skyflat 5s I	13:04:32.99	+29:50:49.0	B1950.00	1.135	180.1	20:24:03.2	5.1	I	INT-WFC	4	1 x 1	
165722	Skyflat 15s I	13:04:34.53	+29:50:49.0	B1950.00	1.126	180.1	20:28:04.2	14.6	I	INT-WFC	1	1 x 1	
165723	Skyflat 15s I	13:04:34.53	+29:50:49.0	B1950.00	1.126	180.1	20:28:04.2	14.6	I	INT-WFC	5	1 x 1	
165724	Skyflat 15s I	13:04:34.53	+29:50:49.0	B1950.00	1.126	180.1	20:28:04.2	14.6	I	INT-WFC	3	1 x 1	
165725	Skyflat 15s I	13:04:34.53	+29:50:49.0	B1950.00	1.126	180.1	20:28:04.2	14.6	I	INT-WFC	4	1 x 1	
165726	Skyflat 40s I	13:04:32.99	+29:51:09.0	B1950.00	1.117	180.1	20:32:01.9	39.6	I	INT-WFC	1	1 x 1	
165727	Skyflat 40s I	13:04:32.99	+29:51:09.0	B1950.00	1.117	180.1	20:32:01.9	39.6	I	INT-WFC	5	1 x 1	
165728	Skyflat 40s I	13:04:32.99	+29:51:09.0	B1950.00	1.117	180.1	20:32:01.9	39.6	I	INT-WFC	3	1 x 1	
165729	Skyflat 40s I	13:04:32.99	+29:51:09.0	B1950.00	1.117	180.1	20:32:01.9	39.6	I	INT-WFC	4	1 x 1	
165730	Skyflat 80s I	13:04:34.53	+29:51:08.9	B1950.00	1.108	180.1	20:36:23.4	80.0	I	INT-WFC	1	1 x 1	
165731	Skyflat 80s I	13:04:34.53	+29:51:08.9	B1950.00	1.108	180.1	20:36:23.4	80.0	I	INT-WFC	5	1 x 1	
165732	Skyflat 80s I	13:04:34.53	+29:51:08.9	B1950.00	1.108	180.1	20:36:23.4	80.0	I	INT-WFC	3	1 x 1	
165733	Skyflat 80s I	13:04:34.53	+29:51:08.9	B1950.00	1.108	180.1	20:36:23.4	80.0	I	INT-WFC	4	1 x 1	
165734	Skyflat 200s I	13:04:31.46	+29:50:49.0	B1950.00	1.097	180.1	20:40:54.6	199.3	I	INT-WFC	1	1 x 1	
165735	Skyflat 200s I	13:04:31.46	+29:50:49.0	B1950.00	1.097	180.1	20:40:54.6	199.3	I	INT-WFC	5	1 x 1	
165736	Skyflat 200s I	13:04:31.46	+29:50:49.0	B1950.00	1.097	180.1	20:40:54.6	199.3	I	INT-WFC	3	1 x 1	
165737	Skyflat 200s I	13:04:31.46	+29:50:49.0	B1950.00	1.097	180.1	20:40:54.6	199.3	I	INT-WFC	4	1 x 1	
165738	Skyflat 300s I	13:04:33.00	+29:50:28.9	B1950.00	1.083	180.1	20:47:40.2	299.8	I	INT-WFC	1	1 x 1	
165739	Skyflat 300s I	13:04:33.00	+29:50:28.9	B1950.00	1.083	180.1	20:47:40.2	299.8	I	INT-WFC	5	1 x 1	
165740	Skyflat 300s I	13:04:33.00	+29:50:28.9	B1950.00	1.083	180.1	20:47:40.2	299.8	I	INT-WFC	3	1 x 1	
165741	Skyflat 300s I	13:04:33.00	+29:50:28.9	B1950.00	1.083	180.1	20:47:40.2	299.8	I	INT-WFC	4	1 x 1	
165742	Skyflat 300s I	13:04:31.46	+29:50:29.0	B1950.00	1.070	180.1	20:55:56.7	299.9	I	INT-WFC	1	1 x 1	
165743	Skyflat 300s I	13:04:31.46	+29:50:29.0	B1950.00	1.070	180.1	20:55:56.7	299.9	I	INT-WFC	5	1 x 1	
165744	Skyflat 300s I	13:04:31.46	+29:50:29.0	B1950.00	1.070	180.1	20:55:56.7	299.9	I	INT-WFC	3	1 x 1	
165745	Skyflat 300s I	13:04:31.46	+29:50:29.0	B1950.00	1.070	180.1	20:55:56.7	299.9	I	INT-WFC	4	1 x 1	
165746	Skyflat 300s I	13:04:36.07	+29:50:49.0	B1950.00	1.058	180.1	21:04:14.9	299.9	I	INT-WFC	1	1 x 1	
165747	Skyflat 300s I	13:04:36.07	+29:50:49.0	B1950.00	1.058	180.1	21:04:14.9	299.9	I	INT-WFC	5	1 x 1	
165748	Skyflat 300s I	13:04:36.07	+29:50:49.0	B1950.00	1.058	180.1	21:04:14.9	299.9	I	INT-WFC	3	1 x 1	
165749	Skyflat 300s I	13:04:36.07	+29:50:49.0	B1950.00	1.058	180.1	21:04:14.9	299.9	I	INT-WFC	4	1 x 1	
165750	Skyflat 300s I	13:04:32.99	+29:51:29.0	B1950.00	1.047	180.1	21:12:48.7	299.9	I	INT-WFC	1	1 x 1	
165751	Skyflat 300s I	13:04:32.99	+29:51:29.0	B1950.00	1.047	180.1	21:12:48.7	299.9	I	INT-WFC	5	1 x 1	
165752	Skyflat 300s I	13:04:32.99	+29:51:29.0	B1950.00	1.047	180.1	21:12:48.7	299.9	I	INT-WFC	3	1 x 1	
165753	Skyflat 300s I	13:04:32.99	+29:51:29.0	B1950.00	1.047	180.1	21:12:48.7	299.9	I	INT-WFC	4	1 x 1	
165754	Focus run	9:57:17.99	-00:22:15.0	J2000.00	1.321	180.1	21:25:56.6	9.6	V	Harris	1	1 x 1	
165755	Focus run	9:57:17.99	-00:22:15.0	J2000.00	1.321	180.1	21:25:56.6	9.6	V	Harris	5	1 x 1	
165756	Focus run	9:57:17.99	-00:22:15.0	J2000.00	1.321	180.1	21:25:56.6	9.6	V	Harris	3	1 x 1	
165757	Focus run	9:57:17.99	-00:22:15.0	J2000.00	1.321	180.1	21:25:56.6	9.6	V	Harris	4	1 x 1	

165758	SA101-339 20s B	9:57:18.00	-00:24:00.0	J2000.00	1.353	180.1	21:32:48.5	20.1	B	Harris	1	1 x 1
165759	SA101-339 20s B	9:57:18.00	-00:24:00.0	J2000.00	1.353	180.1	21:32:48.5	20.1	B	Harris	5	1 x 1
165760	SA101-339 20s B	9:57:18.00	-00:24:00.0	J2000.00	1.353	180.1	21:32:48.5	20.1	B	Harris	3	1 x 1
165761	SA101-339 20s B	9:57:18.00	-00:24:00.0	J2000.00	1.353	180.1	21:32:48.5	20.1	B	Harris	4	1 x 1
165762	SA101-339 10s V	9:57:18.00	-00:24:00.0	J2000.00	1.365	180.1	21:36:14.8	10.1	V	Harris	1	1 x 1
165763	SA101-339 10s V	9:57:18.00	-00:24:00.0	J2000.00	1.365	180.1	21:36:14.8	10.1	V	Harris	5	1 x 1
165764	SA101-339 10s V	9:57:18.00	-00:24:00.0	J2000.00	1.365	180.1	21:36:14.8	10.1	V	Harris	3	1 x 1
165765	SA101-339 10s V	9:57:18.00	-00:24:00.0	J2000.00	1.365	180.1	21:36:14.8	10.1	V	Harris	4	1 x 1
165766	SA101-339 10s I	9:57:18.00	-00:24:00.0	J2000.00	1.377	180.1	21:39:13.8	10.1	I	INT-WFC	1	1 x 1
165767	SA101-339 10s I	9:57:18.00	-00:24:00.0	J2000.00	1.377	180.1	21:39:13.8	10.1	I	INT-WFC	5	1 x 1
165768	SA101-339 10s I	9:57:18.00	-00:24:00.0	J2000.00	1.377	180.1	21:39:13.8	10.1	I	INT-WFC	3	1 x 1
165769	SA101-339 10s I	9:57:18.00	-00:24:00.0	J2000.00	1.377	180.1	21:39:13.8	10.1	I	INT-WFC	4	1 x 1
165774	SA104-456 20s B	12:42:52.00	-00:31:06.0	J2000.00	1.153	180.1	21:45:22.8	20.1	B	Harris	1	1 x 1
165775	SA104-456 20s B	12:42:52.00	-00:31:06.0	J2000.00	1.153	180.1	21:45:22.8	20.1	B	Harris	5	1 x 1
165776	SA104-456 20s B	12:42:52.00	-00:31:06.0	J2000.00	1.153	180.1	21:45:22.8	20.1	B	Harris	3	1 x 1
165777	SA104-456 20s B	12:42:52.00	-00:31:06.0	J2000.00	1.153	180.1	21:45:22.8	20.1	B	Harris	4	1 x 1
165778	SA104-456 10s V	12:42:52.00	-00:31:05.9	J2000.00	1.151	180.1	21:49:17.7	10.1	V	Harris	1	1 x 1
165779	SA104-456 10s V	12:42:52.00	-00:31:05.9	J2000.00	1.151	180.1	21:49:17.7	10.1	V	Harris	5	1 x 1
165780	SA104-456 10s V	12:42:52.00	-00:31:05.9	J2000.00	1.151	180.1	21:49:17.7	10.1	V	Harris	3	1 x 1
165781	SA104-456 10s V	12:42:52.00	-00:31:05.9	J2000.00	1.151	180.1	21:49:17.7	10.1	V	Harris	4	1 x 1
165782	SA104-456 10s I	12:42:51.99	-00:31:05.9	J2000.00	1.149	180.1	21:52:21.4	10.1	I	INT-WFC	1	1 x 1
165783	SA104-456 10s I	12:42:51.99	-00:31:05.9	J2000.00	1.149	180.1	21:52:21.4	10.1	I	INT-WFC	5	1 x 1
165784	SA104-456 10s I	12:42:51.99	-00:31:05.9	J2000.00	1.149	180.1	21:52:21.4	10.1	I	INT-WFC	3	1 x 1
165785	SA104-456 10s I	12:42:51.99	-00:31:05.9	J2000.00	1.149	180.1	21:52:21.4	10.1	I	INT-WFC	4	1 x 1
165790	SA104-456 10s B	12:42:52.00	-00:31:06.0	J2000.00	1.147	180.1	22:01:34.9	10.1	B	Harris	1	1 x 1
165791	SA104-456 10s B	12:42:52.00	-00:31:06.0	J2000.00	1.147	180.1	22:01:34.9	10.1	B	Harris	5	1 x 1
165792	SA104-456 10s B	12:42:52.00	-00:31:06.0	J2000.00	1.147	180.1	22:01:34.9	10.1	B	Harris	3	1 x 1
165793	SA104-456 10s B	12:42:52.00	-00:31:06.0	J2000.00	1.147	180.1	22:01:34.9	10.1	B	Harris	4	1 x 1
165794	SA104-456 5s V	12:42:52.00	-00:31:06.0	J2000.00	1.146	180.1	22:04:34.5	5.1	V	Harris	1	1 x 1
165795	SA104-456 5s V	12:42:52.00	-00:31:06.0	J2000.00	1.146	180.1	22:04:34.5	5.1	V	Harris	5	1 x 1
165796	SA104-456 5s V	12:42:52.00	-00:31:06.0	J2000.00	1.146	180.1	22:04:34.5	5.1	V	Harris	3	1 x 1
165797	SA104-456 5s V	12:42:52.00	-00:31:06.0	J2000.00	1.146	180.1	22:04:34.5	5.1	V	Harris	4	1 x 1
165798	SA104-456 5s I	12:42:52.00	-00:31:05.9	J2000.00	1.146	180.1	22:07:25.4	5.1	I	INT-WFC	1	1 x 1
165799	SA104-456 5s I	12:42:52.00	-00:31:05.9	J2000.00	1.146	180.1	22:07:25.4	5.1	I	INT-WFC	5	1 x 1
165800	SA104-456 5s I	12:42:52.00	-00:31:05.9	J2000.00	1.146	180.1	22:07:25.4	5.1	I	INT-WFC	3	1 x 1
165801	SA104-456 5s I	12:42:52.00	-00:31:05.9	J2000.00	1.146	180.1	22:07:25.4	5.1	I	INT-WFC	4	1 x 1
165802	F_22 600s V	12:55:55.00	+27:01:40.8	J2000.00	1.001	180.1	22:13:16.9	599.3	V	Harris	1	1 x 1
165803	F_22 600s V	12:55:55.00	+27:01:40.8	J2000.00	1.001	180.1	22:13:16.9	599.3	V	Harris	5	1 x 1
165804	F_22 600s V	12:55:55.00	+27:01:40.8	J2000.00	1.001	180.1	22:13:16.9	599.3	V	Harris	3	1 x 1
165805	F_22 600s V	12:55:55.00	+27:01:40.8	J2000.00	1.001	180.1	22:13:16.9	599.3	V	Harris	4	1 x 1
165818	F_22 600s B	12:55:55.00	+27:01:40.9	J2000.00	1.001	180.1	22:27:35.7	599.5	B	Harris	1	1 x 1
165819	F_22 600s B	12:55:55.00	+27:01:40.9	J2000.00	1.001	180.1	22:27:35.7	599.5	B	Harris	5	1 x 1
165820	F_22 600s B	12:55:55.00	+27:01:40.9	J2000.00	1.001	180.1	22:27:35.7	599.5	B	Harris	3	1 x 1
165821	F_22 600s B	12:55:55.00	+27:01:40.9	J2000.00	1.001	180.1	22:27:35.7	599.5	B	Harris	4	1 x 1
165822	F_22 900s I	12:55:55.00	+27:01:41.1	J2000.00	1.005	180.1	22:40:36.9	899.0	I	INT-WFC	1	1 x 1
165823	F_22 900s I	12:55:55.00	+27:01:41.1	J2000.00	1.005	180.1	22:40:36.9	899.0	I	INT-WFC	5	1 x 1
165824	F_22 900s I	12:55:55.00	+27:01:41.1	J2000.00	1.005	180.1	22:40:36.9	899.0	I	INT-WFC	3	1 x 1
165825	F_22 900s I	12:55:55.00	+27:01:41.1	J2000.00	1.005	180.1	22:40:36.9	899.0	I	INT-WFC	4	1 x 1
165826	F_22 600s V	12:55:55.00	+27:01:41.0	J2000.00	1.013	180.1	22:58:43.3	599.4	V	Harris	1	1 x 1
165827	F_22 600s V	12:55:55.00	+27:01:41.0	J2000.00	1.013	180.1	22:58:43.3	599.4	V	Harris	5	1 x 1
165828	F_22 600s V	12:55:55.00	+27:01:41.0	J2000.00	1.013	180.1	22:58:43.3	599.4	V	Harris	3	1 x 1
165829	F_22 600s V	12:55:55.00	+27:01:41.0	J2000.00	1.013	180.1	22:58:43.3	599.4	V	Harris	4	1 x 1
165830	F_23 600s V	12:55:55.00	+26:20:00.0	J2000.00	1.024	180.1	23:12:23.0	599.5	V	Harris	1	1 x 1
165831	F_23 600s V	12:55:55.00	+26:20:00.0	J2000.00	1.024	180.1	23:12:23.0	599.5	V	Harris	5	1 x 1
165832	F_23 600s V	12:55:55.00	+26:20:00.0	J2000.00	1.024	180.1	23:12:23.0	599.5	V	Harris	3	1 x 1
165833	F_23 600s V	12:55:55.00	+26:20:00.0	J2000.00	1.024	180.1	23:12:23.0	599.5	V	Harris	4	1 x 1
165834	F_23 600s B	12:55:55.00	+26:20:00.0	J2000.00	1.036	180.1	23:25:13.6	599.5	B	Harris	1	1 x 1
165835	F_23 600s B	12:55:55.00	+26:20:00.0	J2000.00	1.036	180.1	23:25:13.6	599.5	B	Harris	5	1 x 1
165836	F_23 600s B	12:55:55.00	+26:20:00.0	J2000.00	1.036	180.1	23:25:13.6	599.5	B	Harris	3	1 x 1
165837	F_23 600s B	12:55:55.00	+26:20:00.0	J2000.00	1.036	180.1	23:25:13.6	599.5	B	Harris	4	1 x 1
165842	F_23 900s I	12:55:54.99	+26:20:00.1	J2000.00	1.063	180.1	23:44:13.3	899.2	I	INT-WFC	1	1 x 1
165843	F_23 900s I	12:55:54.99	+26:20:00.1	J2000.00	1.063	180.1	23:44:13.3	899.2	I	INT-WFC	5	1 x 1

165844	F_23 900s I	12:55:54.99	+26:20:00.1	J2000.00	1.063	180.1	23:44:13.3	899.2	I	INT-WFC	3	1 x 1
165845	F_23 900s I	12:55:54.99	+26:20:00.1	J2000.00	1.063	180.1	23:44:13.3	899.2	I	INT-WFC	4	1 x 1
165846	F_23 600s V	12:55:55.00	+26:19:59.9	J2000.00	1.089	180.1	00:02:11.4	599.4	V	Harris	1	1 x 1
165847	F_23 600s V	12:55:55.00	+26:19:59.9	J2000.00	1.089	180.1	00:02:11.4	599.4	V	Harris	5	1 x 1
165848	F_23 600s V	12:55:55.00	+26:19:59.9	J2000.00	1.089	180.1	00:02:11.4	599.4	V	Harris	3	1 x 1
165849	F_23 600s V	12:55:55.00	+26:19:59.9	J2000.00	1.089	180.1	00:02:11.4	599.4	V	Harris	4	1 x 1
165850	F_24 600s V	12:53:40.00	+26:20:00.0	J2000.00	1.120	180.1	00:15:44.8	599.4	V	Harris	1	1 x 1
165851	F_24 600s V	12:53:40.00	+26:20:00.0	J2000.00	1.120	180.1	00:15:44.8	599.4	V	Harris	5	1 x 1
165852	F_24 600s V	12:53:40.00	+26:20:00.0	J2000.00	1.120	180.1	00:15:44.8	599.4	V	Harris	3	1 x 1
165853	F_24 600s V	12:53:40.00	+26:20:00.0	J2000.00	1.120	180.1	00:15:44.8	599.4	V	Harris	4	1 x 1
165854	F_24 600s B	12:53:40.00	+26:19:59.9	J2000.00	1.150	180.1	00:28:42.6	599.5	B	Harris	1	1 x 1
165855	F_24 600s B	12:53:40.00	+26:19:59.9	J2000.00	1.150	180.1	00:28:42.6	599.5	B	Harris	5	1 x 1
165856	F_24 600s B	12:53:40.00	+26:19:59.9	J2000.00	1.150	180.1	00:28:42.6	599.5	B	Harris	3	1 x 1
165857	F_24 600s B	12:53:40.00	+26:19:59.9	J2000.00	1.150	180.1	00:28:42.6	599.5	B	Harris	4	1 x 1
165858	F_24 900s I	12:53:40.00	+26:19:59.9	J2000.00	1.191	180.1	00:41:28.7	899.3	I	INT-WFC	1	1 x 1
165859	F_24 900s I	12:53:40.00	+26:19:59.9	J2000.00	1.191	180.1	00:41:28.7	899.3	I	INT-WFC	5	1 x 1
165860	F_24 900s I	12:53:40.00	+26:19:59.9	J2000.00	1.191	180.1	00:41:28.7	899.3	I	INT-WFC	3	1 x 1
165861	F_24 900s I	12:53:40.00	+26:19:59.9	J2000.00	1.191	180.1	00:41:28.7	899.3	I	INT-WFC	4	1 x 1
165862	F_24 600s V	12:53:40.00	+26:19:59.9	J2000.00	1.240	180.1	00:59:13.7	599.4	V	Harris	1	1 x 1
165863	F_24 600s V	12:53:40.00	+26:19:59.9	J2000.00	1.240	180.1	00:59:13.7	599.4	V	Harris	5	1 x 1
165864	F_24 600s V	12:53:40.00	+26:19:59.9	J2000.00	1.240	180.1	00:59:13.7	599.4	V	Harris	3	1 x 1
165865	F_24 600s V	12:53:40.00	+26:19:59.9	J2000.00	1.240	180.1	00:59:13.7	599.4	V	Harris	4	1 x 1
165866	SA104-456 10s B	12:42:52.00	-00:31:05.9	J2000.00	1.643	180.1	01:12:04.5	10.1	B	Harris	1	1 x 1
165867	SA104-456 10s B	12:42:52.00	-00:31:05.9	J2000.00	1.643	180.1	01:12:04.5	10.1	B	Harris	5	1 x 1
165868	SA104-456 10s B	12:42:52.00	-00:31:05.9	J2000.00	1.643	180.1	01:12:04.5	10.1	B	Harris	3	1 x 1
165869	SA104-456 10s B	12:42:52.00	-00:31:05.9	J2000.00	1.643	180.1	01:12:04.5	10.1	B	Harris	4	1 x 1
165870	SA104-456 5s V	12:42:51.99	-00:31:06.0	J2000.00	1.665	180.1	01:15:01.9	5.2	V	Harris	1	1 x 1
165871	SA104-456 5s V	12:42:51.99	-00:31:06.0	J2000.00	1.665	180.1	01:15:01.9	5.2	V	Harris	5	1 x 1
165872	SA104-456 5s V	12:42:51.99	-00:31:06.0	J2000.00	1.665	180.1	01:15:01.9	5.2	V	Harris	3	1 x 1
165873	SA104-456 5s V	12:42:51.99	-00:31:06.0	J2000.00	1.665	180.1	01:15:01.9	5.2	V	Harris	4	1 x 1
165874	SA104-456 5s I	12:42:52.00	-00:31:06.1	J2000.00	1.689	180.1	01:18:04.0	5.1	I	INT-WFC	1	1 x 1
165875	SA104-456 5s I	12:42:52.00	-00:31:06.1	J2000.00	1.689	180.1	01:18:04.0	5.1	I	INT-WFC	5	1 x 1
165876	SA104-456 5s I	12:42:52.00	-00:31:06.1	J2000.00	1.689	180.1	01:18:04.0	5.1	I	INT-WFC	3	1 x 1
165877	SA104-456 5s I	12:42:52.00	-00:31:06.1	J2000.00	1.689	180.1	01:18:04.0	5.1	I	INT-WFC	4	1 x 1
165878	SA110-364 20s B	18:43:09.00	-00:11:20.0	J2000.00	1.525	180.1	01:23:14.5	20.1	B	Harris	1	1 x 1
165879	SA110-364 20s B	18:43:09.00	-00:11:20.0	J2000.00	1.525	180.1	01:23:14.5	20.1	B	Harris	5	1 x 1
165880	SA110-364 20s B	18:43:09.00	-00:11:20.0	J2000.00	1.525	180.1	01:23:14.5	20.1	B	Harris	3	1 x 1
165881	SA110-364 20s B	18:43:09.00	-00:11:20.0	J2000.00	1.525	180.1	01:23:14.5	20.1	B	Harris	4	1 x 1
165882	SA110-364 10s V	18:43:09.00	-00:11:20.0	J2000.00	1.502	180.1	01:27:19.7	10.1	V	Harris	1	1 x 1
165883	SA110-364 10s V	18:43:09.00	-00:11:20.0	J2000.00	1.502	180.1	01:27:19.7	10.1	V	Harris	5	1 x 1
165884	SA110-364 10s V	18:43:09.00	-00:11:20.0	J2000.00	1.502	180.1	01:27:19.7	10.1	V	Harris	3	1 x 1
165885	SA110-364 10s V	18:43:09.00	-00:11:20.0	J2000.00	1.502	180.1	01:27:19.7	10.1	V	Harris	4	1 x 1
165886	SA110-364 10s I	18:43:09.00	-00:11:20.0	J2000.00	1.482	180.1	01:31:02.6	10.1	I	INT-WFC	1	1 x 1
165887	SA110-364 10s I	18:43:09.00	-00:11:20.0	J2000.00	1.482	180.1	01:31:02.6	10.1	I	INT-WFC	5	1 x 1
165888	SA110-364 10s I	18:43:09.00	-00:11:20.0	J2000.00	1.482	180.1	01:31:02.6	10.1	I	INT-WFC	3	1 x 1
165889	SA110-364 10s I	18:43:09.00	-00:11:20.0	J2000.00	1.482	180.1	01:31:02.6	10.1	I	INT-WFC	4	1 x 1
165890	SA110-364 10s B	18:43:08.99	-00:11:20.0	J2000.00	1.453	180.1	01:36:38.7	10.1	B	Harris	1	1 x 1
165891	SA110-364 10s B	18:43:08.99	-00:11:20.0	J2000.00	1.453	180.1	01:36:38.7	10.1	B	Harris	5	1 x 1
165892	SA110-364 10s B	18:43:08.99	-00:11:20.0	J2000.00	1.453	180.1	01:36:38.7	10.1	B	Harris	3	1 x 1
165893	SA110-364 10s B	18:43:08.99	-00:11:20.0	J2000.00	1.453	180.1	01:36:38.7	10.1	B	Harris	4	1 x 1
165898	SA110-364 5s V	18:43:09.00	-00:11:20.0	J2000.00	1.426	180.1	01:42:13.3	5.1	V	Harris	1	1 x 1
165899	SA110-364 5s V	18:43:09.00	-00:11:20.0	J2000.00	1.426	180.1	01:42:13.3	5.1	V	Harris	5	1 x 1
165900	SA110-364 5s V	18:43:09.00	-00:11:20.0	J2000.00	1.426	180.1	01:42:13.3	5.1	V	Harris	3	1 x 1
165901	SA110-364 5s V	18:43:09.00	-00:11:20.0	J2000.00	1.426	180.1	01:42:13.3	5.1	V	Harris	4	1 x 1
165902	SA110-364 5s I	18:43:09.00	-00:11:20.0	J2000.00	1.413	180.1	01:45:05.5	5.1	I	INT-WFC	1	1 x 1
165903	SA110-364 5s I	18:43:09.00	-00:11:20.0	J2000.00	1.413	180.1	01:45:05.5	5.1	I	INT-WFC	5	1 x 1
165904	SA110-364 5s I	18:43:09.00	-00:11:20.0	J2000.00	1.413	180.1	01:45:05.5	5.1	I	INT-WFC	3	1 x 1
165905	SA110-364 5s I	18:43:09.00	-00:11:20.0	J2000.00	1.413	180.1	01:45:05.5	5.1	I	INT-WFC	4	1 x 1
165906	F_27 600s V	16:23:35.80	+26:33:50.0	J2000.00	1.001	180.1	01:51:45.8	599.4	V	Harris	1	1 x 1
165907	F_27 600s V	16:23:35.80	+26:33:50.0	J2000.00	1.001	180.1	01:51:45.8	599.4	V	Harris	5	1 x 1
165908	F_27 600s V	16:23:35.80	+26:33:50.0	J2000.00	1.001	180.1	01:51:45.8	599.4	V	Harris	3	1 x 1
165909	F_27 600s V	16:23:35.80	+26:33:50.0	J2000.00	1.001	180.1	01:51:45.8	599.4	V	Harris	4	1 x 1

165910	F_27 600s V	16:23:35.80	+26:33:49.9	J2000.00	1.004	180.1	02:04:44.9	599.5	V	Harris	1	1 x 1
165911	F_27 600s V	16:23:35.80	+26:33:49.9	J2000.00	1.004	180.1	02:04:44.9	599.5	V	Harris	5	1 x 1
165912	F_27 600s V	16:23:35.80	+26:33:49.9	J2000.00	1.004	180.1	02:04:44.9	599.5	V	Harris	3	1 x 1
165913	F_27 600s V	16:23:35.80	+26:33:49.9	J2000.00	1.004	180.1	02:04:44.9	599.5	V	Harris	4	1 x 1
165914	F_27 600s V	16:23:35.80	+26:33:49.9	J2000.00	1.009	180.1	02:17:40.2	599.4	V	Harris	1	1 x 1
165915	F_27 600s V	16:23:35.80	+26:33:49.9	J2000.00	1.009	180.1	02:17:40.2	599.4	V	Harris	5	1 x 1
165916	F_27 600s V	16:23:35.80	+26:33:49.9	J2000.00	1.009	180.1	02:17:40.2	599.4	V	Harris	3	1 x 1
165917	F_27 600s V	16:23:35.80	+26:33:49.9	J2000.00	1.009	180.1	02:17:40.2	599.4	V	Harris	4	1 x 1
165918	F_27 600s V	16:23:35.80	+26:33:49.9	J2000.00	1.017	180.1	02:30:26.2	599.6	V	Harris	1	1 x 1
165919	F_27 600s V	16:23:35.80	+26:33:49.9	J2000.00	1.017	180.1	02:30:26.2	599.6	V	Harris	5	1 x 1
165920	F_27 600s V	16:23:35.80	+26:33:49.9	J2000.00	1.017	180.1	02:30:26.2	599.6	V	Harris	3	1 x 1
165921	F_27 600s V	16:23:35.80	+26:33:49.9	J2000.00	1.017	180.1	02:30:26.2	599.6	V	Harris	4	1 x 1
165922	F_28 600s V	16:21:20.00	+26:33:50.1	J2000.00	1.030	180.1	02:43:56.8	599.5	V	Harris	1	1 x 1
165923	F_28 600s V	16:21:20.00	+26:33:50.1	J2000.00	1.030	180.1	02:43:56.8	599.5	V	Harris	5	1 x 1
165924	F_28 600s V	16:21:20.00	+26:33:50.1	J2000.00	1.030	180.1	02:43:56.8	599.5	V	Harris	3	1 x 1
165925	F_28 600s V	16:21:20.00	+26:33:50.1	J2000.00	1.030	180.1	02:43:56.8	599.5	V	Harris	4	1 x 1
165926	F_29 600s V	16:25:45.00	+26:33:49.9	J2000.00	1.039	180.1	02:57:30.6	599.0	V	Harris	1	1 x 1
165927	F_29 600s V	16:25:45.00	+26:33:49.9	J2000.00	1.039	180.1	02:57:30.6	599.0	V	Harris	5	1 x 1
165928	F_29 600s V	16:25:45.00	+26:33:49.9	J2000.00	1.039	180.1	02:57:30.6	599.0	V	Harris	3	1 x 1
165929	F_29 600s V	16:25:45.00	+26:33:49.9	J2000.00	1.039	180.1	02:57:30.6	599.0	V	Harris	4	1 x 1
165930	F_28 600s V	16:21:20.00	+26:33:49.9	J2000.00	1.063	180.1	03:11:13.4	599.5	V	Harris	1	1 x 1
165931	F_28 600s V	16:21:20.00	+26:33:49.9	J2000.00	1.063	180.1	03:11:13.4	599.5	V	Harris	5	1 x 1
165932	F_28 600s V	16:21:20.00	+26:33:49.9	J2000.00	1.063	180.1	03:11:13.4	599.5	V	Harris	3	1 x 1
165933	F_28 600s V	16:21:20.00	+26:33:49.9	J2000.00	1.063	180.1	03:11:13.4	599.5	V	Harris	4	1 x 1
165934	F_28 600s V	16:21:20.00	+26:33:50.1	J2000.00	1.084	180.1	03:24:41.5	599.4	V	Harris	1	1 x 1
165935	F_28 600s V	16:21:20.00	+26:33:50.1	J2000.00	1.084	180.1	03:24:41.5	599.4	V	Harris	5	1 x 1
165936	F_28 600s V	16:21:20.00	+26:33:50.1	J2000.00	1.084	180.1	03:24:41.5	599.4	V	Harris	3	1 x 1
165937	F_28 600s V	16:21:20.00	+26:33:50.1	J2000.00	1.084	180.1	03:24:41.5	599.4	V	Harris	4	1 x 1
165938	F_28 600s V	16:21:20.00	+26:33:50.0	J2000.00	1.108	180.1	03:37:23.7	598.9	V	Harris	1	1 x 1
165939	F_28 600s V	16:21:20.00	+26:33:50.0	J2000.00	1.108	180.1	03:37:23.7	598.9	V	Harris	5	1 x 1
165940	F_28 600s V	16:21:20.00	+26:33:50.0	J2000.00	1.108	180.1	03:37:23.7	598.9	V	Harris	3	1 x 1
165941	F_28 600s V	16:21:20.00	+26:33:50.0	J2000.00	1.108	180.1	03:37:23.7	598.9	V	Harris	4	1 x 1
165942	F_28 600s V	16:21:20.00	+26:33:49.9	J2000.00	1.136	180.1	03:50:06.1	599.4	V	Harris	1	1 x 1
165943	F_28 600s V	16:21:20.00	+26:33:49.9	J2000.00	1.136	180.1	03:50:06.1	599.4	V	Harris	5	1 x 1
165944	F_28 600s V	16:21:20.00	+26:33:49.9	J2000.00	1.136	180.1	03:50:06.1	599.4	V	Harris	3	1 x 1
165945	F_28 600s V	16:21:20.00	+26:33:49.9	J2000.00	1.136	180.1	03:50:06.1	599.4	V	Harris	4	1 x 1
165946	F_27 600s V	16:23:35.80	+26:33:49.9	J2000.00	1.163	180.1	04:03:35.6	599.3	V	Harris	1	1 x 1
165947	F_27 600s V	16:23:35.80	+26:33:49.9	J2000.00	1.163	180.1	04:03:35.6	599.3	V	Harris	5	1 x 1
165948	F_27 600s V	16:23:35.80	+26:33:49.9	J2000.00	1.163	180.1	04:03:35.6	599.3	V	Harris	3	1 x 1
165949	F_27 600s V	16:23:35.80	+26:33:49.9	J2000.00	1.163	180.1	04:03:35.6	599.3	V	Harris	4	1 x 1
165950	F_29 600s V	16:25:45.00	+26:33:49.9	J2000.00	1.195	180.1	04:17:00.9	599.4	V	Harris	1	1 x 1
165951	F_29 600s V	16:25:45.00	+26:33:49.9	J2000.00	1.195	180.1	04:17:00.9	599.4	V	Harris	5	1 x 1
165952	F_29 600s V	16:25:45.00	+26:33:49.9	J2000.00	1.195	180.1	04:17:00.9	599.4	V	Harris	3	1 x 1
165953	F_29 600s V	16:25:45.00	+26:33:49.9	J2000.00	1.195	180.1	04:17:00.9	599.4	V	Harris	4	1 x 1
165954	F_29 600s V	16:25:45.00	+26:33:49.9	J2000.00	1.236	180.1	04:29:45.5	599.3	V	Harris	1	1 x 1
165955	F_29 600s V	16:25:45.00	+26:33:49.9	J2000.00	1.236	180.1	04:29:45.5	599.3	V	Harris	5	1 x 1
165956	F_29 600s V	16:25:45.00	+26:33:49.9	J2000.00	1.236	180.1	04:29:45.5	599.3	V	Harris	3	1 x 1
165957	F_29 600s V	16:25:45.00	+26:33:49.9	J2000.00	1.236	180.1	04:29:45.5	599.3	V	Harris	4	1 x 1
165958	F_29 600s V	16:25:44.99	+26:33:49.9	J2000.00	1.282	180.1	04:42:28.2	599.3	V	Harris	1	1 x 1
165959	F_29 600s V	16:25:44.99	+26:33:49.9	J2000.00	1.282	180.1	04:42:28.2	599.3	V	Harris	5	1 x 1
165960	F_29 600s V	16:25:44.99	+26:33:49.9	J2000.00	1.282	180.1	04:42:28.2	599.3	V	Harris	3	1 x 1
165961	F_29 600s V	16:25:44.99	+26:33:49.9	J2000.00	1.282	180.1	04:42:28.2	599.3	V	Harris	4	1 x 1
165962	F_29 600s V	16:25:45.00	+26:33:50.0	J2000.00	1.336	180.1	04:55:12.7	599.5	V	Harris	1	1 x 1
165963	F_29 600s V	16:25:45.00	+26:33:50.0	J2000.00	1.336	180.1	04:55:12.7	599.5	V	Harris	5	1 x 1
165964	F_29 600s V	16:25:45.00	+26:33:50.0	J2000.00	1.336	180.1	04:55:12.7	599.5	V	Harris	3	1 x 1
165965	F_29 600s V	16:25:45.00	+26:33:50.0	J2000.00	1.336	180.1	04:55:12.7	599.5	V	Harris	4	1 x 1
165966	Nightflat I 300s	21:26:54.40	-08:51:40.9	B1950.00	1.412	180.1	05:09:21.5	299.8	V	Harris	1	1 x 1
165967	Nightflat I 300s	21:26:54.40	-08:51:40.9	B1950.00	1.412	180.1	05:09:21.5	299.8	V	Harris	5	1 x 1
165968	Nightflat I 300s	21:26:54.40	-08:51:40.9	B1950.00	1.412	180.1	05:09:21.5	299.8	V	Harris	3	1 x 1
165969	Nightflat I 300s	21:26:54.40	-08:51:40.9	B1950.00	1.412	180.1	05:09:21.5	299.8	V	Harris	4	1 x 1 V!
165970	Nightflat I 300s	21:26:54.40	-08:51:40.9	B1950.00	1.388	180.1	05:17:09.0	299.8	I	INT-WFC	1	1 x 1
165971	Nightflat I 300s	21:26:54.40	-08:51:40.9	B1950.00	1.388	180.1	05:17:09.0	299.8	I	INT-WFC	5	1 x 1 99%

165972	Nightflat	I	300s	21:26:54.40	-08:51:40.9	B1950.00	1.388	180.1	05:17:09.0	299.8	I	INT-WFC	3	1 x 1	
165973	Nightflat	I	300s	21:26:54.40	-08:51:40.9	B1950.00	1.388	180.1	05:17:09.0	299.8	I	INT-WFC	4	1 x 1	
165974	Nightflat	I	300s	21:26:54.40	-08:51:41.0	B1950.00	1.365	180.1	05:25:24.0	299.8	I	INT-WFC	1	1 x 1	99%
165975	Nightflat	I	300s	21:26:54.40	-08:51:41.0	B1950.00	1.365	180.1	05:25:24.0	299.8	I	INT-WFC	5	1 x 1	
165976	Nightflat	I	300s	21:26:54.40	-08:51:41.0	B1950.00	1.365	180.1	05:25:24.0	299.8	I	INT-WFC	3	1 x 1	
165977	Nightflat	I	300s	21:26:54.40	-08:51:41.0	B1950.00	1.365	180.1	05:25:24.0	299.8	I	INT-WFC	4	1 x 1	
165978	Skyflat	I	80s	21:26:54.39	-08:51:40.8	B1950.00	1.349	180.1	05:33:33.7	80.0	I	INT-WFC	1	1 x 1	
165979	Skyflat	I	80s	21:26:54.39	-08:51:40.8	B1950.00	1.349	180.1	05:33:33.7	80.0	I	INT-WFC	5	1 x 1	
165980	Skyflat	I	80s	21:26:54.39	-08:51:40.8	B1950.00	1.349	180.1	05:33:33.7	80.0	I	INT-WFC	3	1 x 1	
165981	Skyflat	I	80s	21:26:54.39	-08:51:40.8	B1950.00	1.349	180.1	05:33:33.7	80.0	I	INT-WFC	4	1 x 1	
165982	Skyflat	I	30s	21:26:55.74	-08:51:20.9	B1950.00	1.338	180.1	05:38:29.3	30.1	I	INT-WFC	1	1 x 1	
165983	Skyflat	I	30s	21:26:55.74	-08:51:20.9	B1950.00	1.338	180.1	05:38:29.3	30.1	I	INT-WFC	5	1 x 1	
165984	Skyflat	I	30s	21:26:55.74	-08:51:20.9	B1950.00	1.338	180.1	05:38:29.3	30.1	I	INT-WFC	3	1 x 1	
165985	Skyflat	I	30s	21:26:55.74	-08:51:20.9	B1950.00	1.338	180.1	05:38:29.3	30.1	I	INT-WFC	4	1 x 1	
165986	Skyflat	I	10s	21:26:55.74	-08:51:10.9	B1950.00	1.331	180.1	05:41:57.7	10.1	I	INT-WFC	1	1 x 1	
165987	Skyflat	I	10s	21:26:55.74	-08:51:10.9	B1950.00	1.331	180.1	05:41:57.7	10.1	I	INT-WFC	5	1 x 1	
165988	Skyflat	I	10s	21:26:55.74	-08:51:10.9	B1950.00	1.331	180.1	05:41:57.7	10.1	I	INT-WFC	3	1 x 1	
165989	Skyflat	I	10s	21:26:55.74	-08:51:10.9	B1950.00	1.331	180.1	05:41:57.7	10.1	I	INT-WFC	4	1 x 1	
165990	Skyflat	I	3s	21:26:55.07	-08:51:11.0	B1950.00	1.325	180.1	05:45:07.6	3.1	I	INT-WFC	1	1 x 1	
165991	Skyflat	I	3s	21:26:55.07	-08:51:11.0	B1950.00	1.325	180.1	05:45:07.6	3.1	I	INT-WFC	5	1 x 1	
165992	Skyflat	I	3s	21:26:55.07	-08:51:11.0	B1950.00	1.325	180.1	05:45:07.6	3.1	I	INT-WFC	3	1 x 1	
165993	Skyflat	I	3s	21:26:55.07	-08:51:11.0	B1950.00	1.325	180.1	05:45:07.6	3.1	I	INT-WFC	4	1 x 1	