INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:              INT
DATE:                   1998 NOV 21/22
INT TAPE NR:            INTD 3858
OBSERVER:               P. Groot, P. Vreeswyk, S. Howell, M. Everret, D. Davis
PROGRAMME:              WFC survey
PATT/CAT:               WFS10
TELESCOPE OPERATOR:     J. Rey
SUPPORT ASTRONOMER:     -

FOCUS:                  Prime
INSTRUMENT:             WFC
FILTER WHEEL (PF):      Z, B, I, U, R, V
CAMERA (IDS):           -
COLLIMATOR (IDS):       -
COLL. FOCUS (IDS):      -
GRATING (IDS):          -
DETECTOR:               4 EEV 2Kx4K
PIXELS:                 2148x4200
PIXEL SIZE (microns): 13.5
WINDOW:                 Xstart=0, Xsize=2048, Ystart=0, Ysize=4200
BINNING:                in X=1, in Y=1

WEATHER:                Good
OUTSIDE TEMP (deg C):  6.5              (FIRST HALF)
OUTSIDE TEMP (deg C):  6.5              (SECOND HALF)
HUMIDITY (%):           25              (FIRST HALF)
HUMIDITY (%):           25              (SECOND HALF)
CLOUD COVER (%):         0              (FIRST HALF)
CLOUD COVER (%):         0              (SECOND HALF)
DUST (0 - 2):            0              (FIRST HALF)
DUST (0 - 2):            0              (SECOND HALF)
SEEING (arcsec):         -              (FIRST HALF)
SEEING (arcsec):         -              (SECOND HALF)
AV. SEEING (arcsec):     -
NO. SEEING MEASURES:     0

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

DARK HOURS:             10:39
DOME OPEN (UTC):        18:20
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
134555	Bias frame	0:00:00.00	+00:00:00.0	B1950.00	3.936	179.9	13:38:09.8	0.0	U	RGO	1	1 x 1	
134556	Bias frame	0:00:00.00	+00:00:00.0	B1950.00	3.936	179.9	13:38:09.8	0.0	U	RGO	5	1 x 1	
134557	Bias frame	0:00:00.00	+00:00:00.0	B1950.00	3.936	179.9	13:38:09.8	0.0	U	RGO	3	1 x 1	
134558	Bias frame	0:00:00.00	+00:00:00.0	B1950.00	3.936	179.9	13:38:09.8	0.0	U	RGO	4	1 x 1	
134559	Skyflat V 2s	19:19:08.99	+12:22:05.0	B1950.00	1.164	179.9	18:23:08.6	2.3	V	Harris	1	1 x 1	Saturated
134560	Skyflat V 2s	19:19:08.99	+12:22:05.0	B1950.00	1.164	179.9	18:23:08.6	2.3	V	Harris	5	1 x 1	

134561	Skyflat V 2s	19:19:08.99	+12:22:05.0	B1950.00	1.164	179.9	18:23:08.6	2.3	V	Harris	3	1 x 1	
134562	Skyflat V 2s	19:19:08.99	+12:22:05.0	B1950.00	1.164	179.9	18:23:08.6	2.3	V	Harris	4	1 x 1	
134563	Skyflat V 2s	19:19:09.00	+12:22:04.9	B1950.00	1.177	179.9	18:28:26.8	2.1	V	Harris	1	1 x 1	SatureSaturated
134564	Skyflat V 2s	19:19:09.00	+12:22:04.9	B1950.00	1.177	179.9	18:28:26.8	2.1	V	Harris	5	1 x 1	
134565	Skyflat V 2s	19:19:09.00	+12:22:04.9	B1950.00	1.177	179.9	18:28:26.8	2.1	V	Harris	3	1 x 1	
134566	Skyflat V 2s	19:19:09.00	+12:22:04.9	B1950.00	1.177	179.9	18:28:26.8	2.1	V	Harris	4	1 x 1	
134567	Skyflat V 2s	19:19:09.00	+12:22:05.0	B1950.00	1.191	179.9	18:33:49.3	2.1	V	Harris	1	1 x 1	
134568	Skyflat V 2s	19:19:09.00	+12:22:05.0	B1950.00	1.191	179.9	18:33:49.3	2.1	V	Harris	5	1 x 1	
134569	Skyflat V 2s	19:19:09.00	+12:22:05.0	B1950.00	1.191	179.9	18:33:49.3	2.1	V	Harris	3	1 x 1	
134570	Skyflat V 2s	19:19:09.00	+12:22:05.0	B1950.00	1.191	179.9	18:33:49.3	2.1	V	Harris	4	1 x 1	
134571	Skyflat V 10s	19:19:09.00	+12:22:05.0	B1950.00	1.201	179.9	18:37:18.0	10.1	V	Harris	1	1 x 1	
134572	Skyflat V 10s	19:19:09.00	+12:22:05.0	B1950.00	1.201	179.9	18:37:18.0	10.1	V	Harris	5	1 x 1	
134573	Skyflat V 10s	19:19:09.00	+12:22:05.0	B1950.00	1.201	179.9	18:37:18.0	10.1	V	Harris	3	1 x 1	
134574	Skyflat V 10s	19:19:09.00	+12:22:05.0	B1950.00	1.201	179.9	18:37:18.0	10.1	V	Harris	4	1 x 1	
134575	Skyflat V 10s	19:19:09.00	+12:22:05.0	B1950.00	1.211	179.9	18:40:51.6	10.1	V	Harris	1	1 x 1	
134576	Skyflat V 10s	19:19:09.00	+12:22:05.0	B1950.00	1.211	179.9	18:40:51.6	10.1	V	Harris	5	1 x 1	
134577	Skyflat V 10s	19:19:09.00	+12:22:05.0	B1950.00	1.211	179.9	18:40:51.6	10.1	V	Harris	3	1 x 1	
134578	Skyflat V 10s	19:19:09.00	+12:22:05.0	B1950.00	1.211	179.9	18:40:51.6	10.1	V	Harris	4	1 x 1	
134579	Skyflat V 10s	19:19:08.99	+12:22:05.0	B1950.00	1.225	179.9	18:45:33.5	10.1	V	Harris	1	1 x 1	
134580	Skyflat V 10s	19:19:08.99	+12:22:05.0	B1950.00	1.225	179.9	18:45:33.5	10.1	V	Harris	5	1 x 1	
134581	Skyflat V 10s	19:19:08.99	+12:22:05.0	B1950.00	1.225	179.9	18:45:33.5	10.1	V	Harris	3	1 x 1	
134582	Skyflat V 10s	19:19:08.99	+12:22:05.0	B1950.00	1.225	179.9	18:45:33.5	10.1	V	Harris	4	1 x 1	
134583	Skyflat V 10s	19:19:08.99	+12:22:04.9	B1950.00	1.236	179.9	18:48:50.4	10.1	V	Harris	1	1 x 1	
134584	Skyflat V 10s	19:19:08.99	+12:22:04.9	B1950.00	1.236	179.9	18:48:50.4	10.1	V	Harris	5	1 x 1	
134585	Skyflat V 10s	19:19:08.99	+12:22:04.9	B1950.00	1.236	179.9	18:48:50.4	10.1	V	Harris	3	1 x 1	
134586	Skyflat V 10s	19:19:08.99	+12:22:04.9	B1950.00	1.236	179.9	18:48:50.4	10.1	V	Harris	4	1 x 1	
134587	Skyflat V 30s	19:19:08.99	+12:22:04.9	B1950.00	1.247	179.9	18:52:09.8	29.6	V	Harris	1	1 x 1	
134588	Skyflat V 30s	19:19:08.99	+12:22:04.9	B1950.00	1.247	179.9	18:52:09.8	29.6	V	Harris	5	1 x 1	
134589	Skyflat V 30s	19:19:08.99	+12:22:04.9	B1950.00	1.247	179.9	18:52:09.8	29.6	V	Harris	3	1 x 1	
134590	Skyflat V 30s	19:19:08.99	+12:22:04.9	B1950.00	1.247	179.9	18:52:09.8	29.6	V	Harris	4	1 x 1	
134591	Skyflat V 70s	19:19:09.00	+12:22:05.0	B1950.00	1.261	179.9	18:55:48.4	70.0	V	Harris	1	1 x 1	
134592	Skyflat V 70s	19:19:09.00	+12:22:05.0	B1950.00	1.261	179.9	18:55:48.4	70.0	V	Harris	5	1 x 1	
134593	Skyflat V 70s	19:19:09.00	+12:22:05.0	B1950.00	1.261	179.9	18:55:48.4	70.0	V	Harris	3	1 x 1	
134594	Skyflat V 70s	19:19:09.00	+12:22:05.0	B1950.00	1.261	179.9	18:55:48.4	70.0	V	Harris	4	1 x 1	
134595	Skyflat V 200s	19:19:09.00	+12:22:05.0	B1950.00	1.282	179.9	19:00:25.0	199.5	V	Harris	1	1 x 1	
134596	Skyflat V 200s	19:19:09.00	+12:22:05.0	B1950.00	1.282	179.9	19:00:25.0	199.5	V	Harris	5	1 x 1	
134597	Skyflat V 200s	19:19:09.00	+12:22:05.0	B1950.00	1.282	179.9	19:00:25.0	199.5	V	Harris	3	1 x 1	
134598	Skyflat V 200s	19:19:09.00	+12:22:05.0	B1950.00	1.282	179.9	19:00:25.0	199.5	V	Harris	4	1 x 1	
134599	Skyflat I 300s	19:19:09.00	+12:22:04.9	B1950.00	1.316	179.9	19:08:04.7	299.8	I	INT-WFC	1	1 x 1	
134600	Skyflat I 300s	19:19:09.00	+12:22:04.9	B1950.00	1.316	179.9	19:08:04.7	299.8	I	INT-WFC	5	1 x 1	
134601	Skyflat I 300s	19:19:09.00	+12:22:04.9	B1950.00	1.316	179.9	19:08:04.7	299.8	I	INT-WFC	3	1 x 1	
134602	Skyflat I 300s	19:19:09.00	+12:22:04.9	B1950.00	1.316	179.9	19:08:04.7	299.8	I	INT-WFC	4	1 x 1	
134603	Skyflat I 300s	19:19:06.95	+12:22:05.0	B1950.00	1.354	179.9	19:16:52.6	299.9	I	INT-WFC	1	1 x 1	
134604	Skyflat I 300s	19:19:06.95	+12:22:05.0	B1950.00	1.354	179.9	19:16:52.6	299.9	I	INT-WFC	5	1 x 1	
134605	Skyflat I 300s	19:19:06.95	+12:22:05.0	B1950.00	1.354	179.9	19:16:52.6	299.9	I	INT-WFC	3	1 x 1	
134606	Skyflat I 300s	19:19:06.95	+12:22:05.0	B1950.00	1.354	179.9	19:16:52.6	299.9	I	INT-WFC	4	1 x 1	
134607	Skyflat I 300s	19:19:06.95	+12:22:04.9	B1950.00	1.399	179.9	19:26:09.2	299.8	I	INT-WFC	1	1 x 1	
134608	Skyflat I 300s	19:19:06.95	+12:22:04.9	B1950.00	1.399	179.9	19:26:09.2	299.8	I	INT-WFC	5	1 x 1	
134609	Skyflat I 300s	19:19:06.95	+12:22:04.9	B1950.00	1.399	179.9	19:26:09.2	299.8	I	INT-WFC	3	1 x 1	
134610	Skyflat I 300s	19:19:06.95	+12:22:04.9	B1950.00	1.399	179.9	19:26:09.2	299.8	I	INT-WFC	4	1 x 1	
134611	Skyflat I 300s	19:19:07.63	+12:22:04.9	B1950.00	1.444	179.9	19:34:33.6	299.8	I	INT-WFC	1	1 x 1	
134612	Skyflat I 300s	19:19:07.63	+12:22:04.9	B1950.00	1.444	179.9	19:34:33.6	299.8	I	INT-WFC	5	1 x 1	
134613	Skyflat I 300s	19:19:07.63	+12:22:04.9	B1950.00	1.444	179.9	19:34:33.6	299.8	I	INT-WFC	3	1 x 1	
134614	Skyflat I 300s	19:19:07.63	+12:22:04.9	B1950.00	1.444	179.9	19:34:33.6	299.8	I	INT-WFC	4	1 x 1	
134615	Skyflat I 300s	19:19:07.63	+12:22:14.9	B1950.00	1.494	179.9	19:42:52.4	299.9	I	INT-WFC	1	1 x 1	
134616	Skyflat I 300s	19:19:07.63	+12:22:14.9	B1950.00	1.494	179.9	19:42:52.4	299.9	I	INT-WFC	5	1 x 1	
134617	Skyflat I 300s	19:19:07.63	+12:22:14.9	B1950.00	1.494	179.9	19:42:52.4	299.9	I	INT-WFC	3	1 x 1	
134618	Skyflat I 300s	19:19:07.63	+12:22:14.9	B1950.00	1.494	179.9	19:42:52.4	299.9	I	INT-WFC	4	1 x 1	
134619	Skyflat I 300s	19:19:06.95	+12:22:15.0	B1950.00	1.552	179.9	19:51:40.8	299.8	I	INT-WFC	1	1 x 1	
134620	Skyflat I 300s	19:19:06.95	+12:22:15.0	B1950.00	1.552	179.9	19:51:40.8	299.8	I	INT-WFC	5	1 x 1	
134621	Skyflat I 300s	19:19:06.95	+12:22:15.0	B1950.00	1.552	179.9	19:51:40.8	299.8	I	INT-WFC	3	1 x 1	
134622	Skyflat I 300s	19:19:06.95	+12:22:15.0	B1950.00	1.552	179.9	19:51:40.8	299.8	I	INT-WFC	4	1 x 1	

134623	Skyflat I 300s	19:19:06.27	+12:22:15.0	B1950.00	1.609	179.9	19:59:27.6	299.3	I	INT-WFC	1	1 x 1
134624	Skyflat I 300s	19:19:06.27	+12:22:15.0	B1950.00	1.609	179.9	19:59:27.6	299.3	I	INT-WFC	5	1 x 1
134625	Skyflat I 300s	19:19:06.27	+12:22:15.0	B1950.00	1.609	179.9	19:59:27.6	299.3	I	INT-WFC	3	1 x 1
134626	Skyflat I 300s	19:19:06.27	+12:22:15.0	B1950.00	1.609	179.9	19:59:27.6	299.3	I	INT-WFC	4	1 x 1
134627	F_01 600s V	23:42:00.00	+26:59:59.9	J2000.00	1.008	179.9	20:13:27.8	599.3	V	Harris	1	1 x 1
134628	F_01 600s V	23:42:00.00	+26:59:59.9	J2000.00	1.008	179.9	20:13:27.8	599.3	V	Harris	5	1 x 1
134629	F_01 600s V	23:42:00.00	+26:59:59.9	J2000.00	1.008	179.9	20:13:27.8	599.3	V	Harris	3	1 x 1
134630	F_01 600s V	23:42:00.00	+26:59:59.9	J2000.00	1.008	179.9	20:13:27.8	599.3	V	Harris	4	1 x 1
134631	F_01 600s V	23:41:59.99	+27:00:00.0	J2000.00	1.003	179.9	20:26:39.2	599.4	V	Harris	1	1 x 1
134632	F_01 600s V	23:41:59.99	+27:00:00.0	J2000.00	1.003	179.9	20:26:39.2	599.4	V	Harris	5	1 x 1
134633	F_01 600s V	23:41:59.99	+27:00:00.0	J2000.00	1.003	179.9	20:26:39.2	599.4	V	Harris	3	1 x 1
134634	F_01 600s V	23:41:59.99	+27:00:00.0	J2000.00	1.003	179.9	20:26:39.2	599.4	V	Harris	4	1 x 1
134635	F_01 600s V	23:42:00.00	+26:59:59.9	J2000.00	1.001	179.9	20:39:37.1	598.4	V	Harris	1	1 x 1
134636	F_01 600s V	23:42:00.00	+26:59:59.9	J2000.00	1.001	179.9	20:39:37.1	598.4	V	Harris	5	1 x 1
134637	F_01 600s V	23:42:00.00	+26:59:59.9	J2000.00	1.001	179.9	20:39:37.1	598.4	V	Harris	3	1 x 1
134638	F_01 600s V	23:42:00.00	+26:59:59.9	J2000.00	1.001	179.9	20:39:37.1	598.4	V	Harris	4	1 x 1
134639	F_01 600s V	23:41:59.99	+27:00:00.0	J2000.00	1.001	179.9	20:52:31.0	599.2	V	Harris	1	1 x 1
134640	F_01 600s V	23:41:59.99	+27:00:00.0	J2000.00	1.001	179.9	20:52:31.0	599.2	V	Harris	5	1 x 1
134641	F_01 600s V	23:41:59.99	+27:00:00.0	J2000.00	1.001	179.9	20:52:31.0	599.2	V	Harris	3	1 x 1
134642	F_01 600s V	23:41:59.99	+27:00:00.0	J2000.00	1.001	179.9	20:52:31.0	599.2	V	Harris	4	1 x 1
134643	F_02 600s V	23:44:00.00	+27:00:00.0	J2000.00	1.003	179.9	21:07:43.4	599.5	V	Harris	1	1 x 1
134644	F_02 600s V	23:44:00.00	+27:00:00.0	J2000.00	1.003	179.9	21:07:43.4	599.5	V	Harris	5	1 x 1
134645	F_02 600s V	23:44:00.00	+27:00:00.0	J2000.00	1.003	179.9	21:07:43.4	599.5	V	Harris	3	1 x 1
134646	F_02 600s V	23:44:00.00	+27:00:00.0	J2000.00	1.003	179.9	21:07:43.4	599.5	V	Harris	4	1 x 1
134647	F_03 600s V	23:45:59.99	+26:59:59.9	J2000.00	1.010	179.9	21:25:43.7	599.0	V	Harris	1	1 x 1
134648	F_03 600s V	23:45:59.99	+26:59:59.9	J2000.00	1.010	179.9	21:25:43.7	599.0	V	Harris	5	1 x 1
134649	F_03 600s V	23:45:59.99	+26:59:59.9	J2000.00	1.010	179.9	21:25:43.7	599.0	V	Harris	3	1 x 1
134650	F_03 600s V	23:45:59.99	+26:59:59.9	J2000.00	1.010	179.9	21:25:43.7	599.0	V	Harris	4	1 x 1
134651	F_02 600s V	23:44:00.00	+27:00:00.0	J2000.00	1.021	179.9	21:39:51.5	599.4	V	Harris	1	1 x 1
134652	F_02 600s V	23:44:00.00	+27:00:00.0	J2000.00	1.021	179.9	21:39:51.5	599.4	V	Harris	5	1 x 1
134653	F_02 600s V	23:44:00.00	+27:00:00.0	J2000.00	1.021	179.9	21:39:51.5	599.4	V	Harris	3	1 x 1
134654	F_02 600s V	23:44:00.00	+27:00:00.0	J2000.00	1.021	179.9	21:39:51.5	599.4	V	Harris	4	1 x 1
134655	F_02 600s V	23:44:00.00	+26:59:59.9	J2000.00	1.035	179.9	21:54:33.3	599.5	V	Harris	1	1 x 1
134656	F_02 600s V	23:44:00.00	+26:59:59.9	J2000.00	1.035	179.9	21:54:33.3	599.5	V	Harris	5	1 x 1
134657	F_02 600s V	23:44:00.00	+26:59:59.9	J2000.00	1.035	179.9	21:54:33.3	599.5	V	Harris	3	1 x 1
134658	F_02 600s V	23:44:00.00	+26:59:59.9	J2000.00	1.035	179.9	21:54:33.3	599.5	V	Harris	4	1 x 1
134659	F_02 600s V	23:44:00.00	+27:00:00.0	J2000.00	1.049	179.9	22:07:15.6	598.9	V	Harris	1	1 x 1
134660	F_02 600s V	23:44:00.00	+27:00:00.0	J2000.00	1.049	179.9	22:07:15.6	598.9	V	Harris	5	1 x 1
134661	F_02 600s V	23:44:00.00	+27:00:00.0	J2000.00	1.049	179.9	22:07:15.6	598.9	V	Harris	3	1 x 1
134662	F_02 600s V	23:44:00.00	+27:00:00.0	J2000.00	1.049	179.9	22:07:15.6	598.9	V	Harris	4	1 x 1
134663	F_02 600s V	23:43:59.99	+27:00:00.0	J2000.00	1.068	179.9	22:20:14.5	599.4	V	Harris	1	1 x 1
134664	F_02 600s V	23:43:59.99	+27:00:00.0	J2000.00	1.068	179.9	22:20:14.5	599.4	V	Harris	5	1 x 1
134665	F_02 600s V	23:43:59.99	+27:00:00.0	J2000.00	1.068	179.9	22:20:14.5	599.4	V	Harris	3	1 x 1
134666	F_02 600s V	23:43:59.99	+27:00:00.0	J2000.00	1.068	179.9	22:20:14.5	599.4	V	Harris	4	1 x 1
134667	F_03 600s V	23:46:00.00	+27:00:00.0	J2000.00	1.088	179.9	22:34:37.3	599.5	V	Harris	1	1 x 1
134668	F_03 600s V	23:46:00.00	+27:00:00.0	J2000.00	1.088	179.9	22:34:37.3	599.5	V	Harris	5	1 x 1
134669	F_03 600s V	23:46:00.00	+27:00:00.0	J2000.00	1.088	179.9	22:34:37.3	599.5	V	Harris	3	1 x 1
134670	F_03 600s V	23:46:00.00	+27:00:00.0	J2000.00	1.088	179.9	22:34:37.3	599.5	V	Harris	4	1 x 1
134671	F_01 600s V	23:42:00.00	+27:00:00.0	J2000.00	1.127	179.9	22:50:02.3	599.5	V	Harris	1	1 x 1
134672	F_01 600s V	23:42:00.00	+27:00:00.0	J2000.00	1.127	179.9	22:50:02.3	599.5	V	Harris	5	1 x 1
134673	F_01 600s V	23:42:00.00	+27:00:00.0	J2000.00	1.127	179.9	22:50:02.3	599.5	V	Harris	3	1 x 1
134674	F_01 600s V	23:42:00.00	+27:00:00.0	J2000.00	1.127	179.9	22:50:02.3	599.5	V	Harris	4	1 x 1
134675	F_03 600s V	23:46:00.00	+27:00:00.0	J2000.00	1.154	179.9	23:05:25.9	599.4	V	Harris	1	1 x 1
134676	F_03 600s V	23:46:00.00	+27:00:00.0	J2000.00	1.154	179.9	23:05:25.9	599.4	V	Harris	5	1 x 1
134677	F_03 600s V	23:46:00.00	+27:00:00.0	J2000.00	1.154	179.9	23:05:25.9	599.4	V	Harris	3	1 x 1
134678	F_03 600s V	23:46:00.00	+27:00:00.0	J2000.00	1.154	179.9	23:05:25.9	599.4	V	Harris	4	1 x 1
134679	F_03 600s V	23:45:59.99	+27:00:00.0	J2000.00	1.189	179.9	23:18:12.5	599.5	V	Harris	1	1 x 1
134680	F_03 600s V	23:45:59.99	+27:00:00.0	J2000.00	1.189	179.9	23:18:12.5	599.5	V	Harris	5	1 x 1
134681	F_03 600s V	23:45:59.99	+27:00:00.0	J2000.00	1.189	179.9	23:18:12.5	599.5	V	Harris	3	1 x 1
134682	F_03 600s V	23:45:59.99	+27:00:00.0	J2000.00	1.189	179.9	23:18:12.5	599.5	V	Harris	4	1 x 1
134683	F_03 600s V	23:46:00.00	+27:00:00.0	J2000.00	1.229	179.9	23:31:01.3	599.2	V	Harris	1	1 x 1
134684	F_03 600s V	23:46:00.00	+27:00:00.0	J2000.00	1.229	179.9	23:31:01.3	599.2	V	Harris	5	1 x 1

134685	F_03	600s	V	23:46:00.00	+27:00:00.0	J2000.00	1.229	179.9	23:31:01.3	599.2	V	Harris	3	1 x 1
134686	F_03	600s	V	23:46:00.00	+27:00:00.0	J2000.00	1.229	179.9	23:31:01.3	599.2	V	Harris	4	1 x 1
134687	F_03	600s	V	23:46:00.00	+27:00:00.1	J2000.00	1.275	179.9	23:43:55.0	599.3	V	Harris	1	1 x 1
134688	F_03	600s	V	23:46:00.00	+27:00:00.1	J2000.00	1.275	179.9	23:43:55.0	599.3	V	Harris	5	1 x 1
134689	F_03	600s	V	23:46:00.00	+27:00:00.1	J2000.00	1.275	179.9	23:43:55.0	599.3	V	Harris	3	1 x 1
134690	F_03	600s	V	23:46:00.00	+27:00:00.1	J2000.00	1.275	179.9	23:43:55.0	599.3	V	Harris	4	1 x 1
134691	F_07	600s	V	2:26:59.99	+14:32:59.9	J2000.00	1.039	179.9	23:58:53.6	599.5	V	Harris	1	1 x 1
134692	F_07	600s	V	2:26:59.99	+14:32:59.9	J2000.00	1.039	179.9	23:58:53.6	599.5	V	Harris	5	1 x 1
134693	F_07	600s	V	2:26:59.99	+14:32:59.9	J2000.00	1.039	179.9	23:58:53.6	599.5	V	Harris	3	1 x 1
134694	F_07	600s	V	2:26:59.99	+14:32:59.9	J2000.00	1.039	179.9	23:58:53.6	599.5	V	Harris	4	1 x 1
134695	F_07	600s	V	2:27:00.00	+14:33:00.1	J2000.00	1.047	179.9	00:12:55.9	599.4	V	Harris	1	1 x 1
134696	F_07	600s	V	2:27:00.00	+14:33:00.1	J2000.00	1.047	179.9	00:12:55.9	599.4	V	Harris	5	1 x 1
134697	F_07	600s	V	2:27:00.00	+14:33:00.1	J2000.00	1.047	179.9	00:12:55.9	599.4	V	Harris	3	1 x 1
134698	F_07	600s	V	2:27:00.00	+14:33:00.1	J2000.00	1.047	179.9	00:12:55.9	599.4	V	Harris	4	1 x 1
134699	F_07	600s	V	2:27:00.00	+14:33:00.0	J2000.00	1.059	179.9	00:26:36.6	599.4	V	Harris	1	1 x 1
134700	F_07	600s	V	2:27:00.00	+14:33:00.0	J2000.00	1.059	179.9	00:26:36.6	599.4	V	Harris	5	1 x 1
134701	F_07	600s	V	2:27:00.00	+14:33:00.0	J2000.00	1.059	179.9	00:26:36.6	599.4	V	Harris	3	1 x 1
134702	F_07	600s	V	2:27:00.00	+14:33:00.0	J2000.00	1.059	179.9	00:26:36.6	599.4	V	Harris	4	1 x 1
134703	F_07	600s	V	2:27:00.00	+14:33:00.0	J2000.00	1.075	179.9	00:40:30.9	599.5	V	Harris	1	1 x 1
134704	F_07	600s	V	2:27:00.00	+14:33:00.0	J2000.00	1.075	179.9	00:40:30.9	599.5	V	Harris	5	1 x 1
134705	F_07	600s	V	2:27:00.00	+14:33:00.0	J2000.00	1.075	179.9	00:40:30.9	599.5	V	Harris	3	1 x 1
134706	F_07	600s	V	2:27:00.00	+14:33:00.0	J2000.00	1.075	179.9	00:40:30.9	599.5	V	Harris	4	1 x 1
134707	F_07	600s	V	2:27:00.00	+14:32:59.8	J2000.00	1.094	179.9	00:53:29.1	599.1	V	Harris	1	1 x 1
134708	F_07	600s	V	2:27:00.00	+14:32:59.8	J2000.00	1.094	179.9	00:53:29.1	599.1	V	Harris	5	1 x 1
134709	F_07	600s	V	2:27:00.00	+14:32:59.8	J2000.00	1.094	179.9	00:53:29.1	599.1	V	Harris	3	1 x 1
134710	F_07	600s	V	2:27:00.00	+14:32:59.8	J2000.00	1.094	179.9	00:53:29.1	599.1	V	Harris	4	1 x 1
134711	F_08	600s	V	2:28:59.99	+14:45:00.1	J2000.00	1.113	179.9	01:07:26.2	599.5	V	Harris	1	1 x 1
134712	F_08	600s	V	2:28:59.99	+14:45:00.1	J2000.00	1.113	179.9	01:07:26.2	599.5	V	Harris	5	1 x 1
134713	F_08	600s	V	2:28:59.99	+14:45:00.1	J2000.00	1.113	179.9	01:07:26.2	599.5	V	Harris	3	1 x 1
134714	F_08	600s	V	2:28:59.99	+14:45:00.1	J2000.00	1.113	179.9	01:07:26.2	599.5	V	Harris	4	1 x 1
134715	F_09	600s	V	2:31:00.00	+14:52:00.0	J2000.00	1.139	179.9	01:22:18.9	599.6	V	Harris	1	1 x 1
134716	F_09	600s	V	2:31:00.00	+14:52:00.0	J2000.00	1.139	179.9	01:22:18.9	599.6	V	Harris	5	1 x 1
134717	F_09	600s	V	2:31:00.00	+14:52:00.0	J2000.00	1.139	179.9	01:22:18.9	599.6	V	Harris	3	1 x 1
134718	F_09	600s	V	2:31:00.00	+14:52:00.0	J2000.00	1.139	179.9	01:22:18.9	599.6	V	Harris	4	1 x 1
134719	F_08	600s	V	2:29:00.00	+14:44:59.9	J2000.00	1.178	179.9	01:36:15.7	599.5	V	Harris	1	1 x 1
134720	F_08	600s	V	2:29:00.00	+14:44:59.9	J2000.00	1.178	179.9	01:36:15.7	599.5	V	Harris	5	1 x 1
134721	F_08	600s	V	2:29:00.00	+14:44:59.9	J2000.00	1.178	179.9	01:36:15.7	599.5	V	Harris	3	1 x 1
134722	F_08	600s	V	2:29:00.00	+14:44:59.9	J2000.00	1.178	179.9	01:36:15.7	599.5	V	Harris	4	1 x 1
134723	F_08	600s	V	2:28:59.99	+14:45:00.0	J2000.00	1.215	179.9	01:49:19.8	599.5	V	Harris	1	1 x 1
134724	F_08	600s	V	2:28:59.99	+14:45:00.0	J2000.00	1.215	179.9	01:49:19.8	599.5	V	Harris	5	1 x 1
134725	F_08	600s	V	2:28:59.99	+14:45:00.0	J2000.00	1.215	179.9	01:49:19.8	599.5	V	Harris	3	1 x 1
134726	F_08	600s	V	2:28:59.99	+14:45:00.0	J2000.00	1.215	179.9	01:49:19.8	599.5	V	Harris	4	1 x 1
134727	F_08	600s	V	2:28:59.99	+14:44:59.9	J2000.00	1.259	179.9	02:02:25.9	599.5	V	Harris	1	1 x 1
134728	F_08	600s	V	2:28:59.99	+14:44:59.9	J2000.00	1.259	179.9	02:02:25.9	599.5	V	Harris	5	1 x 1
134729	F_08	600s	V	2:28:59.99	+14:44:59.9	J2000.00	1.259	179.9	02:02:25.9	599.5	V	Harris	3	1 x 1
134730	F_08	600s	V	2:28:59.99	+14:44:59.9	J2000.00	1.259	179.9	02:02:25.9	599.5	V	Harris	4	1 x 1
134731	F_08	600s	V	2:28:59.99	+14:45:00.0	J2000.00	1.308	179.9	02:15:10.1	599.5	V	Harris	1	1 x 1
134732	F_08	600s	V	2:28:59.99	+14:45:00.0	J2000.00	1.308	179.9	02:15:10.1	599.5	V	Harris	5	1 x 1
134733	F_08	600s	V	2:28:59.99	+14:45:00.0	J2000.00	1.308	179.9	02:15:10.1	599.5	V	Harris	3	1 x 1
134734	F_08	600s	V	2:28:59.99	+14:45:00.0	J2000.00	1.308	179.9	02:15:10.1	599.5	V	Harris	4	1 x 1
134739	F_13	600s	V	7:48:00.00	+20:52:59.9	J2000.00	1.137	179.9	02:50:04.6	599.4	V	Harris	1	1 x 1
134740	F_13	600s	V	7:48:00.00	+20:52:59.9	J2000.00	1.137	179.9	02:50:04.6	599.4	V	Harris	5	1 x 1
134741	F_13	600s	V	7:48:00.00	+20:52:59.9	J2000.00	1.137	179.9	02:50:04.6	599.4	V	Harris	3	1 x 1
134742	F_13	600s	V	7:48:00.00	+20:52:59.9	J2000.00	1.137	179.9	02:50:04.6	599.4	V	Harris	4	1 x 1
134743	F_13	600s	V	7:48:00.00	+20:52:59.9	J2000.00	1.107	179.9	03:03:47.3	599.5	V	Harris	1	1 x 1
134744	F_13	600s	V	7:48:00.00	+20:52:59.9	J2000.00	1.107	179.9	03:03:47.3	599.5	V	Harris	5	1 x 1
134745	F_13	600s	V	7:48:00.00	+20:52:59.9	J2000.00	1.107	179.9	03:03:47.3	599.5	V	Harris	3	1 x 1
134746	F_13	600s	V	7:48:00.00	+20:52:59.9	J2000.00	1.107	179.9	03:03:47.3	599.5	V	Harris	4	1 x 1
134747	F_13	600s	V	7:48:00.00	+20:52:59.9	J2000.00	1.082	179.9	03:17:44.5	599.5	V	Harris	1	1 x 1
134748	F_13	600s	V	7:48:00.00	+20:52:59.9	J2000.00	1.082	179.9	03:17:44.5	599.5	V	Harris	5	1 x 1
134749	F_13	600s	V	7:48:00.00	+20:52:59.9	J2000.00	1.082	179.9	03:17:44.5	599.5	V	Harris	3	1 x 1
134750	F_13	600s	V	7:48:00.00	+20:52:59.9	J2000.00	1.082	179.9	03:17:44.5	599.5	V	Harris	4	1 x 1

134751	F_13 600s V	7:48:00.00	+20:52:59.8	J2000.00	1.063	179.9	03:30:32.6	599.5	V	Harris	1	1 x 1
134752	F_13 600s V	7:48:00.00	+20:52:59.8	J2000.00	1.063	179.9	03:30:32.6	599.5	V	Harris	5	1 x 1
134753	F_13 600s V	7:48:00.00	+20:52:59.8	J2000.00	1.063	179.9	03:30:32.6	599.5	V	Harris	3	1 x 1
134754	F_13 600s V	7:48:00.00	+20:52:59.8	J2000.00	1.063	179.9	03:30:32.6	599.5	V	Harris	4	1 x 1
134755	F_14 600s V	7:50:00.00	+20:48:00.0	J2000.00	1.048	179.9	03:44:27.0	599.5	V	Harris	1	1 x 1
134756	F_14 600s V	7:50:00.00	+20:48:00.0	J2000.00	1.048	179.9	03:44:27.0	599.5	V	Harris	5	1 x 1
134757	F_14 600s V	7:50:00.00	+20:48:00.0	J2000.00	1.048	179.9	03:44:27.0	599.5	V	Harris	3	1 x 1
134758	F_14 600s V	7:50:00.00	+20:48:00.0	J2000.00	1.048	179.9	03:44:27.0	599.5	V	Harris	4	1 x 1
134759	F_18 600s V	7:58:20.00	+20:58:59.9	J2000.00	1.040	179.9	03:59:43.1	599.5	V	Harris	1	1 x 1
134760	F_18 600s V	7:58:20.00	+20:58:59.9	J2000.00	1.040	179.9	03:59:43.1	599.5	V	Harris	5	1 x 1
134761	F_18 600s V	7:58:20.00	+20:58:59.9	J2000.00	1.040	179.9	03:59:43.1	599.5	V	Harris	3	1 x 1
134762	F_18 600s V	7:58:20.00	+20:58:59.9	J2000.00	1.040	179.9	03:59:43.1	599.5	V	Harris	4	1 x 1
134775	F_14 600s V	7:50:00.00	+20:47:59.9	J2000.00	1.019	179.9	04:19:29.8	599.4	V	Harris	1	1 x 1
134776	F_14 600s V	7:50:00.00	+20:47:59.9	J2000.00	1.019	179.9	04:19:29.8	599.4	V	Harris	5	1 x 1
134777	F_14 600s V	7:50:00.00	+20:47:59.9	J2000.00	1.019	179.9	04:19:29.8	599.4	V	Harris	3	1 x 1
134778	F_14 600s V	7:50:00.00	+20:47:59.9	J2000.00	1.019	179.9	04:19:29.8	599.4	V	Harris	4	1 x 1
134779	F_14 600s V	7:50:00.00	+20:47:59.8	J2000.00	1.013	179.9	04:32:23.9	599.5	V	Harris	1	1 x 1
134780	F_14 600s V	7:50:00.00	+20:47:59.8	J2000.00	1.013	179.9	04:32:23.9	599.5	V	Harris	5	1 x 1
134781	F_14 600s V	7:50:00.00	+20:47:59.8	J2000.00	1.013	179.9	04:32:23.9	599.5	V	Harris	3	1 x 1
134782	F_14 600s V	7:50:00.00	+20:47:59.8	J2000.00	1.013	179.9	04:32:23.9	599.5	V	Harris	4	1 x 1
134783	F_14 600s V	7:50:00.00	+20:48:00.0	J2000.00	1.010	179.9	04:45:10.9	599.4	V	Harris	1	1 x 1
134784	F_14 600s V	7:50:00.00	+20:48:00.0	J2000.00	1.010	179.9	04:45:10.9	599.4	V	Harris	5	1 x 1
134785	F_14 600s V	7:50:00.00	+20:48:00.0	J2000.00	1.010	179.9	04:45:10.9	599.4	V	Harris	3	1 x 1
134786	F_14 600s V	7:50:00.00	+20:48:00.0	J2000.00	1.010	179.9	04:45:10.9	599.4	V	Harris	4	1 x 1
134791	F_14 600s V	7:50:00.00	+20:48:00.0	J2000.00	1.011	179.9	05:04:05.6	598.9	V	Harris	1	1 x 1
134792	F_14 600s V	7:50:00.00	+20:48:00.0	J2000.00	1.011	179.9	05:04:05.6	598.9	V	Harris	5	1 x 1
134793	F_14 600s V	7:50:00.00	+20:48:00.0	J2000.00	1.011	179.9	05:04:05.6	598.9	V	Harris	3	1 x 1
134794	F_14 600s V	7:50:00.00	+20:48:00.0	J2000.00	1.011	179.9	05:04:05.6	598.9	V	Harris	4	1 x 1
134795	F_13 600s V	7:48:00.00	+20:52:59.9	J2000.00	1.016	179.9	05:18:31.2	599.4	V	Harris	1	1 x 1
134796	F_13 600s V	7:48:00.00	+20:52:59.9	J2000.00	1.016	179.9	05:18:31.2	599.4	V	Harris	5	1 x 1
134797	F_13 600s V	7:48:00.00	+20:52:59.9	J2000.00	1.016	179.9	05:18:31.2	599.4	V	Harris	3	1 x 1
134798	F_13 600s V	7:48:00.00	+20:52:59.9	J2000.00	1.016	179.9	05:18:31.2	599.4	V	Harris	4	1 x 1
134799	F_18 600s V	7:58:20.00	+20:59:00.0	J2000.00	1.018	179.9	05:33:04.4	599.3	V	Harris	1	1 x 1
134800	F_18 600s V	7:58:20.00	+20:59:00.0	J2000.00	1.018	179.9	05:33:04.4	599.3	V	Harris	5	1 x 1
134801	F_18 600s V	7:58:20.00	+20:59:00.0	J2000.00	1.018	179.9	05:33:04.4	599.3	V	Harris	3	1 x 1
134802	F_18 600s V	7:58:20.00	+20:59:00.0	J2000.00	1.018	179.9	05:33:04.4	599.3	V	Harris	4	1 x 1
134803	F_18 600s V	7:58:20.00	+20:59:00.0	J2000.00	1.026	179.9	05:46:08.7	599.5	V	Harris	1	1 x 1
134804	F_18 600s V	7:58:20.00	+20:59:00.0	J2000.00	1.026	179.9	05:46:08.7	599.5	V	Harris	5	1 x 1
134805	F_18 600s V	7:58:20.00	+20:59:00.0	J2000.00	1.026	179.9	05:46:08.7	599.5	V	Harris	3	1 x 1
134806	F_18 600s V	7:58:20.00	+20:59:00.0	J2000.00	1.026	179.9	05:46:08.7	599.5	V	Harris	4	1 x 1
134807	F_18 600s V	7:58:20.00	+20:59:00.0	J2000.00	1.037	179.9	05:59:23.0	599.5	V	Harris	1	1 x 1
134808	F_18 600s V	7:58:20.00	+20:59:00.0	J2000.00	1.037	179.9	05:59:23.0	599.5	V	Harris	5	1 x 1
134809	F_18 600s V	7:58:20.00	+20:59:00.0	J2000.00	1.037	179.9	05:59:23.0	599.5	V	Harris	3	1 x 1
134810	F_18 600s V	7:58:20.00	+20:59:00.0	J2000.00	1.037	179.9	05:59:23.0	599.5	V	Harris	4	1 x 1
134811	F_18 600s V	7:58:20.00	+20:58:59.9	J2000.00	1.055	179.9	06:15:02.9	599.4	V	Harris	1	1 x 1
134812	F_18 600s V	7:58:20.00	+20:58:59.9	J2000.00	1.055	179.9	06:15:02.9	599.4	V	Harris	5	1 x 1
134813	F_18 600s V	7:58:20.00	+20:58:59.9	J2000.00	1.055	179.9	06:15:02.9	599.4	V	Harris	3	1 x 1
134814	F_18 600s V	7:58:20.00	+20:58:59.9	J2000.00	1.055	179.9	06:15:02.9	599.4	V	Harris	4	1 x 1
134815	Skyflat I 300s	13:04:33.00	+29:50:49.0	B1950.00	1.469	179.9	06:33:35.9	299.2	I	INT-WFC	1	1 x 1
134816	Skyflat I 300s	13:04:33.00	+29:50:49.0	B1950.00	1.469	179.9	06:33:35.9	299.2	I	INT-WFC	5	1 x 1
134817	Skyflat I 300s	13:04:33.00	+29:50:49.0	B1950.00	1.469	179.9	06:33:35.9	299.2	I	INT-WFC	3	1 x 1
134818	Skyflat I 300s	13:04:33.00	+29:50:49.0	B1950.00	1.469	179.9	06:33:35.9	299.2	I	INT-WFC	4	1 x 1
134819	Skyflat I 300s	13:04:33.76	+29:50:49.0	B1950.00	1.422	179.9	06:41:59.9	299.5	I	INT-WFC	1	1 x 1
134820	Skyflat I 300s	13:04:33.76	+29:50:49.0	B1950.00	1.422	179.9	06:41:59.9	299.5	I	INT-WFC	5	1 x 1
134821	Skyflat I 300s	13:04:33.76	+29:50:49.0	B1950.00	1.422	179.9	06:41:59.9	299.5	I	INT-WFC	3	1 x 1
134822	Skyflat I 300s	13:04:33.76	+29:50:49.0	B1950.00	1.422	179.9	06:41:59.9	299.5	I	INT-WFC	4	1 x 1