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INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE:             INT
DATE:                  1998 OCT 17/18
INT TAPE NR:           INTD 3827
OBSERVER:              M. Irwin
PROGRAMME:             Wide Field Survey
PATT/CAT:              WFS09
TELESCOPE OPERATOR:    P. Sorensen
SUPPORT ASTRONOMER:    N/A

FOCUS:                 PRIME
INSTRUMENT:            WFC
FILTER WHEEL (PF):     UkpBVRIZ
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):   10              (FIRST HALF)
OUTSIDE TEMP (deg C):    8              (SECOND HALF)
HUMIDITY (%):           50              (FIRST HALF)
HUMIDITY (%):           50              (SECOND HALF)
CLOUD COVER (%):         0              (FIRST HALF)
CLOUD COVER (%):         0              (SECOND HALF)
DUST (0 - 2):            0              (FIRST HALF)
DUST (0 - 2):           0.5             (SECOND HALF)
SEEING (arcsec):        1.1             (FIRST HALF)
SEEING (arcsec):        2.0             (SECOND HALF)
AV. SEEING (arcsec):     -
NO. SEEING MEASURES:     -

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

DARK HOURS:            09:55
DOME OPEN (UTC):       20:00
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.): 00:30
DK HRS LOST (DET.):   00:00
DK HRS LOST (COMPS.): 00:00
DK HRS LOST (A&G):    00:30
DK HRS LOST (OTHER):  00:00

COMMENTS:

MCA timing lost at during science sequence of 600s exposures

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Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys	Channel	Binning	Comments
128513	Flat field	0:00:00.00	+00:00:00.0	A	1.301	179.8	16:34:46.8	3.1	R	Harris	1	1 x 1	

128514	Flat field	0:00:00.00	+00:00:00.0	A	1.301	179.8	16:34:46.8	3.1	R	Harris	5	1 x 1
128515	Flat field	0:00:00.00	+00:00:00.0	A	1.301	179.8	16:34:46.8	3.1	R	Harris	3	1 x 1
128516	Flat field	0:00:00.00	+00:00:00.0	A	1.301	179.8	16:34:46.8	3.1	R	Harris	4	1 x 1
128517	Flat field	0:00:00.00	+00:00:00.0	A	1.301	179.8	16:37:42.8	3.1	R	Harris	1	1 x 1
128518	Flat field	0:00:00.00	+00:00:00.0	A	1.301	179.8	16:37:42.8	3.1	R	Harris	5	1 x 1
128519	Flat field	0:00:00.00	+00:00:00.0	A	1.301	179.8	16:37:42.8	3.1	R	Harris	3	1 x 1
128520	Flat field	0:00:00.00	+00:00:00.0	A	1.301	179.8	16:37:42.8	3.1	R	Harris	4	1 x 1
128521	Flat field	0:00:00.00	+00:00:00.0	A	1.301	179.8	16:40:41.6	3.1	R	Harris	1	1 x 1
128522	Flat field	0:00:00.00	+00:00:00.0	A	1.301	179.8	16:40:41.6	3.1	R	Harris	5	1 x 1
128523	Flat field	0:00:00.00	+00:00:00.0	A	1.301	179.8	16:40:41.6	3.1	R	Harris	3	1 x 1
128524	Flat field	0:00:00.00	+00:00:00.0	A	1.301	179.8	16:40:41.6	3.1	R	Harris	4	1 x 1
128525	Flat field	0:00:00.00	+00:00:00.0	A	1.301	179.8	16:46:09.3	3.1	I	INT-WFC	1	1 x 1
128526	Flat field	0:00:00.00	+00:00:00.0	A	1.301	179.8	16:46:09.3	3.1	I	INT-WFC	5	1 x 1
128527	Flat field	0:00:00.00	+00:00:00.0	A	1.301	179.8	16:46:09.3	3.1	I	INT-WFC	3	1 x 1
128528	Flat field	0:00:00.00	+00:00:00.0	A	1.301	179.8	16:46:09.3	3.1	I	INT-WFC	4	1 x 1
128529	Flat field	0:00:00.00	+00:00:00.0	A	1.301	179.8	16:49:08.1	3.1	I	INT-WFC	1	1 x 1
128530	Flat field	0:00:00.00	+00:00:00.0	A	1.301	179.8	16:49:08.1	3.1	I	INT-WFC	5	1 x 1
128531	Flat field	0:00:00.00	+00:00:00.0	A	1.301	179.8	16:49:08.1	3.1	I	INT-WFC	3	1 x 1
128532	Flat field	0:00:00.00	+00:00:00.0	A	1.301	179.8	16:49:08.1	3.1	I	INT-WFC	4	1 x 1
128533	Flat field	0:00:00.00	+00:00:00.0	A	1.301	179.8	16:52:03.8	3.1	I	INT-WFC	1	1 x 1
128534	Flat field	0:00:00.00	+00:00:00.0	A	1.301	179.8	16:52:03.8	3.1	I	INT-WFC	5	1 x 1
128535	Flat field	0:00:00.00	+00:00:00.0	A	1.301	179.8	16:52:03.8	3.1	I	INT-WFC	3	1 x 1
128536	Flat field	0:00:00.00	+00:00:00.0	A	1.301	179.8	16:52:03.8	3.1	I	INT-WFC	4	1 x 1
128537	Flat field	0:00:00.00	+00:00:00.0	A	1.301	179.8	16:55:58.1	13.1	z	Gunn	1	1 x 1
128538	Flat field	0:00:00.00	+00:00:00.0	A	1.301	179.8	16:55:58.1	13.1	z	Gunn	5	1 x 1
128539	Flat field	0:00:00.00	+00:00:00.0	A	1.301	179.8	16:55:58.1	13.1	z	Gunn	3	1 x 1
128540	Flat field	0:00:00.00	+00:00:00.0	A	1.301	179.8	16:55:58.1	13.1	z	Gunn	4	1 x 1
128561	Flat field	20:01:54.62	+29:53:37.4	J2000.00	1.001	179.8	19:16:07.3	100.0	B	KpnoB	1	1 x 1
128562	Flat field	20:01:54.62	+29:53:37.4	J2000.00	1.001	179.8	19:16:07.3	100.0	B	KpnoB	5	1 x 1
128563	Flat field	20:01:54.62	+29:53:37.4	J2000.00	1.001	179.8	19:16:07.3	100.0	B	KpnoB	3	1 x 1
128564	Flat field	20:01:54.62	+29:53:37.4	J2000.00	1.001	179.8	19:16:07.3	100.0	B	KpnoB	4	1 x 1
128565	Focus run	21:42:35.00	+00:18:31.0	J2000.00	1.195	179.8	19:59:13.8	10.1	V	Harris	1	1 x 1
128566	Focus run	21:42:35.00	+00:18:31.0	J2000.00	1.195	179.8	19:59:13.8	10.1	V	Harris	5	1 x 1
128567	Focus run	21:42:35.00	+00:18:31.0	J2000.00	1.195	179.8	19:59:13.8	10.1	V	Harris	3	1 x 1
128568	Fovus run	21:42:35.00	+00:18:31.0	J2000.00	1.195	179.8	19:59:13.8	10.1	V	Harris	4	1 x 1
128569	SA113-163	21:42:34.99	+00:16:46.0	J2000.00	1.177	179.8	20:09:45.9	5.1	R	Harris	1	1 x 1
128569	SA113-163	21:42:34.99	+00:16:46.0	J2000.00	1.177	179.8	20:09:45.9	5.1	R	Harris	1	1 x 1
128570	SA113-163	21:42:34.99	+00:16:46.0	J2000.00	1.177	179.8	20:09:45.9	5.1	R	Harris	5	1 x 1
128570	SA113-163	21:42:34.99	+00:16:46.0	J2000.00	1.177	179.8	20:09:45.9	5.1	R	Harris	5	1 x 1
128571	SA113-163	21:42:34.99	+00:16:46.0	J2000.00	1.177	179.8	20:09:45.9	5.1	R	Harris	3	1 x 1
128571	SA113-163	21:42:34.99	+00:16:46.0	J2000.00	1.177	179.8	20:09:45.9	5.1	R	Harris	3	1 x 1
128572	SA113-163	21:42:34.99	+00:16:46.0	J2000.00	1.177	179.8	20:09:45.9	5.1	R	Harris	4	1 x 1
128572	SA113-163	21:42:34.99	+00:16:46.0	J2000.00	1.177	179.8	20:09:45.9	5.1	R	Harris	4	1 x 1
128573	SA113-163	21:42:34.99	+00:16:45.9	J2000.00	1.173	179.8	20:13:01.0	4.6	V	Harris	1	1 x 1
128574	SA113-163	21:42:34.99	+00:16:45.9	J2000.00	1.173	179.8	20:13:01.0	4.6	V	Harris	5	1 x 1
128575	SA113-163	21:42:34.99	+00:16:45.9	J2000.00	1.173	179.8	20:13:01.0	4.6	V	Harris	3	1 x 1
128576	SA113-163	21:42:34.99	+00:16:45.9	J2000.00	1.173	179.8	20:13:01.0	4.6	V	Harris	4	1 x 1
128577	SA113-163	21:42:35.00	+00:16:46.0	J2000.00	1.169	179.8	20:15:50.9	5.1	B	KpnoB	1	1 x 1
128578	SA113-163	21:42:35.00	+00:16:46.0	J2000.00	1.169	179.8	20:15:50.9	5.1	B	KpnoB	5	1 x 1
128579	SA113-163	21:42:35.00	+00:16:46.0	J2000.00	1.169	179.8	20:15:50.9	5.1	B	KpnoB	3	1 x 1
128580	SA113-163	21:42:35.00	+00:16:46.0	J2000.00	1.169	179.8	20:15:50.9	5.1	B	KpnoB	4	1 x 1
128585	SA113-163	21:42:35.00	+00:16:46.0	J2000.00	1.163	179.8	20:20:44.1	4.6	I	INT-WFC	1	1 x 1
128586	SA113-163	21:42:35.00	+00:16:46.0	J2000.00	1.163	179.8	20:20:44.1	4.6	I	INT-WFC	5	1 x 1
128587	SA113-163	21:42:35.00	+00:16:46.0	J2000.00	1.163	179.8	20:20:44.1	4.6	I	INT-WFC	3	1 x 1
128588	SA113-163	21:42:35.00	+00:16:46.0	J2000.00	1.163	179.8	20:20:44.1	4.6	I	INT-WFC	4	1 x 1
128589	wfsj2240+0000_031	22:41:04.00	-00:20:00.0	J2000.00	1.164	179.8	21:20:58.1	599.5	V	Harris	1	1 x 1
128590	wfsj2240+0000_031	22:41:04.00	-00:20:00.0	J2000.00	1.164	179.8	21:20:58.1	599.5	V	Harris	5	1 x 1
128591	wfsj2240+0000_031	22:41:04.00	-00:20:00.0	J2000.00	1.164	179.8	21:20:58.1	599.5	V	Harris	3	1 x 1
128592	wfsj2240+0000_031	22:41:04.00	-00:20:00.0	J2000.00	1.164	179.8	21:20:58.1	599.5	V	Harris	4	1 x 1
128593	wfsj2240+0000_031	22:41:04.00	-00:20:00.0	J2000.00	1.153	179.8	21:33:55.8	599.4	B	KpnoB	1	1 x 1
128594	wfsj2240+0000_031	22:41:04.00	-00:20:00.0	J2000.00	1.153	179.8	21:33:55.8	599.4	B	KpnoB	5	1 x 1
128595	wfsj2240+0000_031	22:41:04.00	-00:20:00.0	J2000.00	1.153	179.8	21:33:55.8	599.4	B	KpnoB	3	1 x 1

128596	wfsj2240+0000_031	22:41:04.00	-00:20:00.0	J2000.00	1.153	179.8	21:33:55.8	599.4	B	KpnoB	4	1 x 1	
128613	wfsj2240+0000_031	22:41:04.00	-00:20:00.0	J2000.00	1.146	179.8	21:50:12.7	600.0	I	INT-WFC	1	1 x 1	MCA timing fu'd
128614	wfsj2240+0000_031	22:41:04.00	-00:20:00.0	J2000.00	1.146	179.8	21:50:12.7	600.0	I	INT-WFC	5	1 x 1	MCA timing fu'd
128615	wfsj2240+0000_031	22:41:04.00	-00:20:00.0	J2000.00	1.146	179.8	21:50:12.7	600.0	I	INT-WFC	3	1 x 1	MCA timing fu'd
128616	wfsj2240+0000_031	22:41:04.00	-00:20:00.0	J2000.00	1.146	179.8	21:50:12.7	600.0	I	INT-WFC	4	1 x 1	MCA timing fu'd
128617	wfsj2240+0000_031	22:41:03.99	-00:19:59.9	J2000.00	1.144	179.8	22:03:14.8	600.0	R	Harris	1	1 x 1	MCA timing fu'd
128618	wfsj2240+0000_031	22:41:03.99	-00:19:59.9	J2000.00	1.144	179.8	22:03:14.8	600.0	R	Harris	5	1 x 1	MCA timing fu'd
128619	wfsj2240+0000_031	22:41:03.99	-00:19:59.9	J2000.00	1.144	179.8	22:03:14.8	600.0	R	Harris	3	1 x 1	MCA timing fu'd
128620	wfsj2240+0000_031	22:41:03.99	-00:19:59.9	J2000.00	1.144	179.8	22:03:14.8	600.0	R	Harris	4	1 x 1	MCA timing fu'd
128625	wfsj2240+0000_022	22:38:56.00	-00:19:59.9	J2000.00	1.148	179.8	22:18:30.7	600.0	V	Harris	1	1 x 1	MCA timing fu'd
128626	wfsj2240+0000_022	22:38:56.00	-00:19:59.9	J2000.00	1.148	179.8	22:18:30.7	600.0	V	Harris	5	1 x 1	MCA timing fu'd
128627	wfsj2240+0000_022	22:38:56.00	-00:19:59.9	J2000.00	1.148	179.8	22:18:30.7	600.0	V	Harris	3	1 x 1	MCA timing fu'd
128628	wfsj2240+0000_022	22:38:56.00	-00:19:59.9	J2000.00	1.148	179.8	22:18:30.7	600.0	V	Harris	4	1 x 1	MCA timing fu'd
128629	wfsj2240+0000_022	22:38:56.00	-00:19:59.9	J2000.00	1.155	179.8	22:31:32.3	600.0	B	KpnoB	1	1 x 1	MCA timing fu'd
128630	wfsj2240+0000_022	22:38:56.00	-00:19:59.9	J2000.00	1.155	179.8	22:31:32.3	600.0	B	KpnoB	5	1 x 1	MCA timing fu'd
128631	wfsj2240+0000_022	22:38:56.00	-00:19:59.9	J2000.00	1.155	179.8	22:31:32.3	600.0	B	KpnoB	3	1 x 1	MCA timing fu'd
128632	wfsj2240+0000_022	22:38:56.00	-00:19:59.9	J2000.00	1.155	179.8	22:31:32.3	600.0	B	KpnoB	4	1 x 1	MCA timing fu'd
128633	wfsj2240+0000_022	22:38:56.00	-00:19:59.9	J2000.00	1.166	179.8	22:44:36.5	600.0	I	INT-WFC	1	1 x 1	MCA timing fu'd
128634	wfsj2240+0000_022	22:38:56.00	-00:19:59.9	J2000.00	1.166	179.8	22:44:36.5	600.0	I	INT-WFC	5	1 x 1	MCA timing fu'd
128635	wfsj2240+0000_022	22:38:56.00	-00:19:59.9	J2000.00	1.166	179.8	22:44:36.5	600.0	I	INT-WFC	3	1 x 1	MCA timing fu'd
128636	wfsj2240+0000_022	22:38:56.00	-00:19:59.9	J2000.00	1.166	179.8	22:44:36.5	600.0	I	INT-WFC	4	1 x 1	MCA timing fu'd
128637	wfsj2240+0000_022	22:38:55.99	-00:19:59.9	J2000.00	1.181	179.8	22:57:38.3	600.0	R	Harris	1	1 x 1	MCA timing fu'd
128638	wfsj2240+0000_022	22:38:55.99	-00:19:59.9	J2000.00	1.181	179.8	22:57:38.3	600.0	R	Harris	5	1 x 1	MCA timing fu'd
128639	wfsj2240+0000_022	22:38:55.99	-00:19:59.9	J2000.00	1.181	179.8	22:57:38.3	600.0	R	Harris	3	1 x 1	MCA timing fu'd
128640	wfsj2240+0000_022	22:38:55.99	-00:19:59.9	J2000.00	1.181	179.8	22:57:38.3	600.0	R	Harris	4	1 x 1	MCA timing fu'd
128641	wfsj2240+0000_023	22:38:55.99	-00:00:00.1	J2000.00	1.199	179.8	23:12:13.2	600.0	V	Harris	1	1 x 1	MCA timing fu'd
128642	wfsj2240+0000_023	22:38:55.99	-00:00:00.1	J2000.00	1.199	179.8	23:12:13.2	600.0	V	Harris	5	1 x 1	MCA timing fu'd
128643	wfsj2240+0000_023	22:38:55.99	-00:00:00.1	J2000.00	1.199	179.8	23:12:13.2	600.0	V	Harris	3	1 x 1	MCA timing fu'd
128644	wfsj2240+0000_023	22:38:55.99	-00:00:00.1	J2000.00	1.199	179.8	23:12:13.2	600.0	V	Harris	4	1 x 1	MCA timing fu'd
128645	wfsj2240+0000_023	22:38:55.99	+00:00:00.0	J2000.00	1.223	179.8	23:25:14.5	600.0	B	KpnoB	1	1 x 1	MCA timing fu'd
128646	wfsj2240+0000_023	22:38:55.99	+00:00:00.0	J2000.00	1.223	179.8	23:25:14.5	600.0	B	KpnoB	5	1 x 1	MCA timing fu'd
128647	wfsj2240+0000_023	22:38:55.99	+00:00:00.0	J2000.00	1.223	179.8	23:25:14.5	600.0	B	KpnoB	3	1 x 1	MCA timing fu'd
128648	wfsj2240+0000_023	22:38:55.99	+00:00:00.0	J2000.00	1.223	179.8	23:25:14.5	600.0	B	KpnoB	4	1 x 1	MCA timing fu'd
128649	wfsj2240+0000_023	22:38:55.99	-00:00:00.0	J2000.00	1.253	179.8	23:38:18.5	600.0	I	INT-WFC	1	1 x 1	MCA timing fu'd
128650	wfsj2240+0000_023	22:38:55.99	-00:00:00.0	J2000.00	1.253	179.8	23:38:18.5	600.0	I	INT-WFC	5	1 x 1	MCA timing fu'd
128651	wfsj2240+0000_023	22:38:55.99	-00:00:00.0	J2000.00	1.253	179.8	23:38:18.5	600.0	I	INT-WFC	3	1 x 1	MCA timing fu'd
128652	wfsj2240+0000_023	22:38:55.99	-00:00:00.0	J2000.00	1.253	179.8	23:38:18.5	600.0	I	INT-WFC	4	1 x 1	MCA timing fu'd
128653	wfsj2240+0000_023	22:38:56.00	+00:00:00.0	J2000.00	1.288	179.8	23:51:19.6	600.0	R	Harris	1	1 x 1	MCA timing fu'd
128654	wfsj2240+0000_023	22:38:56.00	+00:00:00.0	J2000.00	1.288	179.8	23:51:19.6	600.0	R	Harris	5	1 x 1	MCA timing fu'd
128655	wfsj2240+0000_023	22:38:56.00	+00:00:00.0	J2000.00	1.288	179.8	23:51:19.6	600.0	R	Harris	3	1 x 1	MCA timing fu'd
128656	wfsj2240+0000_023	22:38:56.00	+00:00:00.0	J2000.00	1.288	179.8	23:51:19.6	600.0	R	Harris	4	1 x 1	MCA timing fu'd
128657	wfsj2240+0000_032	22:41:04.00	+00:00:00.0	J2000.00	1.349	179.8	00:11:39.5	600.0	V	Harris	1	1 x 1	MCA timing fu'd
128658	wfsj2240+0000_032	22:41:04.00	+00:00:00.0	J2000.00	1.349	179.8	00:11:39.5	600.0	V	Harris	5	1 x 1	MCA timing fu'd
128659	wfsj2240+0000_032	22:41:04.00	+00:00:00.0	J2000.00	1.349	179.8	00:11:39.5	600.0	V	Harris	3	1 x 1	MCA timing fu'd
128660	wfsj2240+0000_032	22:41:04.00	+00:00:00.0	J2000.00	1.349	179.8	00:11:39.5	600.0	V	Harris	4	1 x 1	MCA timing fu'd
128661	wfsj2240+0000_032	22:41:04.00	-00:00:00.1	J2000.00	1.402	179.8	00:24:42.6	600.0	B	KpnoB	1	1 x 1	MCA timing fu'd
128662	wfsj2240+0000_032	22:41:04.00	-00:00:00.1	J2000.00	1.402	179.8	00:24:42.6	600.0	B	KpnoB	5	1 x 1	MCA timing fu'd
128663	wfsj2240+0000_032	22:41:04.00	-00:00:00.1	J2000.00	1.402	179.8	00:24:42.6	600.0	B	KpnoB	3	1 x 1	MCA timing fu'd
128664	wfsj2240+0000_032	22:41:04.00	-00:00:00.1	J2000.00	1.402	179.8	00:24:42.6	600.0	B	KpnoB	4	1 x 1	MCA timing fu'd
128665	wfsj2240+0000_032	22:41:04.00	+00:00:00.0	J2000.00	1.464	179.8	00:37:46.8	600.0	I	INT-WFC	1	1 x 1	MCA timing fu'd
128666	wfsj2240+0000_032	22:41:04.00	+00:00:00.0	J2000.00	1.464	179.8	00:37:46.8	600.0	I	INT-WFC	5	1 x 1	MCA timing fu'd
128667	wfsj2240+0000_032	22:41:04.00	+00:00:00.0	J2000.00	1.464	179.8	00:37:46.8	600.0	I	INT-WFC	3	1 x 1	MCA timing fu'd
128668	wfsj2240+0000_032	22:41:04.00	+00:00:00.0	J2000.00	1.464	179.8	00:37:46.8	600.0	I	INT-WFC	4	1 x 1	MCA timing fu'd
128669	wfsj2240+0000_032	22:41:04.00	-00:00:00.0	J2000.00	1.537	179.8	00:50:49.1	600.0	R	Harris	1	1 x 1	MCA timing fu'd
128670	wfsj2240+0000_032	22:41:04.00	-00:00:00.0	J2000.00	1.537	179.8	00:50:49.1	600.0	R	Harris	5	1 x 1	MCA timing fu'd
128671	wfsj2240+0000_032	22:41:04.00	-00:00:00.0	J2000.00	1.537	179.8	00:50:49.1	600.0	R	Harris	3	1 x 1	MCA timing fu'd
128672	wfsj2240+0000_032	22:41:04.00	-00:00:00.0	J2000.00	1.537	179.8	00:50:49.1	600.0	R	Harris	4	1 x 1	MCA timing fu'd
128673	sa92-335 KPB	0:55:00.00	+00:44:13.0	J2000.00	1.161	179.8	01:12:26.9	10.1	B	KpnoB	1	1 x 1	
128674	sa92-335 KPB	0:55:00.00	+00:44:13.0	J2000.00	1.161	179.8	01:12:26.9	10.1	B	KpnoB	5	1 x 1	
128675	sa92-335 KPB	0:55:00.00	+00:44:13.0	J2000.00	1.161	179.8	01:12:26.9	10.1	B	KpnoB	3	1 x 1	
128676	sa92-335 KPB	0:55:00.00	+00:44:13.0	J2000.00	1.161	179.8	01:12:26.9	10.1	B	KpnoB	4	1 x 1	
128677	sa92-335 V	0:54:59.99	+00:44:13.0	J2000.00	1.165	179.8	01:15:47.1	10.1	V	Harris	1	1 x 1	

128678	sa92-335 V	0:54:59.99	+00:44:13.0	J2000.00	1.165	179.8	01:15:47.1	10.1	V	Harris	5	1 x 1
128679	sa92-335 V	0:54:59.99	+00:44:13.0	J2000.00	1.165	179.8	01:15:47.1	10.1	V	Harris	3	1 x 1
128680	sa92-335 V	0:54:59.99	+00:44:13.0	J2000.00	1.165	179.8	01:15:47.1	10.1	V	Harris	4	1 x 1
128681	sa92-335 R	0:54:59.99	+00:44:13.0	J2000.00	1.171	179.8	01:20:00.7	10.1	R	Harris	1	1 x 1
128682	sa92-335 R	0:54:59.99	+00:44:13.0	J2000.00	1.171	179.8	01:20:00.7	10.1	R	Harris	5	1 x 1
128683	sa92-335 R	0:54:59.99	+00:44:13.0	J2000.00	1.171	179.8	01:20:00.7	10.1	R	Harris	3	1 x 1
128684	sa92-335 R	0:54:59.99	+00:44:13.0	J2000.00	1.171	179.8	01:20:00.7	10.1	R	Harris	4	1 x 1
128689	sa92-335 I	0:55:00.00	+00:44:13.0	J2000.00	1.177	179.8	01:24:24.7	9.6	I	INT-WFC	1	1 x 1
128690	sa92-335 I	0:55:00.00	+00:44:13.0	J2000.00	1.177	179.8	01:24:24.7	9.6	I	INT-WFC	5	1 x 1
128691	sa92-335 I	0:55:00.00	+00:44:13.0	J2000.00	1.177	179.8	01:24:24.7	9.6	I	INT-WFC	3	1 x 1
128692	sa92-335 I	0:55:00.00	+00:44:13.0	J2000.00	1.177	179.8	01:24:24.7	9.6	I	INT-WFC	4	1 x 1
128693	wfsj0354+0010_032	3:55:00.00	+00:10:00.0	J2000.00	1.253	179.8	01:37:16.4	599.5	V	Harris	1	1 x 1
128694	wfsj0354+0010_032	3:55:00.00	+00:10:00.0	J2000.00	1.253	179.8	01:37:16.4	599.5	V	Harris	5	1 x 1
128695	wfsj0354+0010_032	3:55:00.00	+00:10:00.0	J2000.00	1.253	179.8	01:37:16.4	599.5	V	Harris	3	1 x 1
128696	wfsj0354+0010_032	3:55:00.00	+00:10:00.0	J2000.00	1.253	179.8	01:37:16.4	599.5	V	Harris	4	1 x 1
128697	wfsj0354+0010_032	3:55:00.00	+00:10:00.1	J2000.00	1.223	179.8	01:50:19.9	599.6	B	KpnoB	1	1 x 1
128698	wfsj0354+0010_032	3:55:00.00	+00:10:00.1	J2000.00	1.223	179.8	01:50:19.9	599.6	B	KpnoB	5	1 x 1
128699	wfsj0354+0010_032	3:55:00.00	+00:10:00.1	J2000.00	1.223	179.8	01:50:19.9	599.6	B	KpnoB	3	1 x 1
128700	wfsj0354+0010_032	3:55:00.00	+00:10:00.1	J2000.00	1.223	179.8	01:50:19.9	599.6	B	KpnoB	4	1 x 1
128701	wfsj0354+0010_032	3:55:00.00	+00:10:00.0	J2000.00	1.198	179.8	02:03:25.5	599.5	I	INT-WFC	1	1 x 1
128702	wfsj0354+0010_032	3:55:00.00	+00:10:00.0	J2000.00	1.198	179.8	02:03:25.5	599.5	I	INT-WFC	5	1 x 1
128703	wfsj0354+0010_032	3:55:00.00	+00:10:00.0	J2000.00	1.198	179.8	02:03:25.5	599.5	I	INT-WFC	3	1 x 1
128704	wfsj0354+0010_032	3:55:00.00	+00:10:00.0	J2000.00	1.198	179.8	02:03:25.5	599.5	I	INT-WFC	4	1 x 1
128705	wfsj0354+0010_032	3:55:00.00	+00:09:59.8	J2000.00	1.178	179.8	02:16:28.9	599.5	R	Harris	1	1 x 1
128706	wfsj0354+0010_032	3:55:00.00	+00:09:59.8	J2000.00	1.178	179.8	02:16:28.9	599.5	R	Harris	5	1 x 1
128707	wfsj0354+0010_032	3:55:00.00	+00:09:59.8	J2000.00	1.178	179.8	02:16:28.9	599.5	R	Harris	3	1 x 1
128708	wfsj0354+0010_032	3:55:00.00	+00:09:59.8	J2000.00	1.178	179.8	02:16:28.9	599.5	R	Harris	4	1 x 1
128709	wfsj0354+0010_023	3:53:00.00	+00:09:59.9	J2000.00	1.158	179.8	02:32:01.4	599.5	V	Harris	1	1 x 1
128710	wfsj0354+0010_023	3:53:00.00	+00:09:59.9	J2000.00	1.158	179.8	02:32:01.4	599.5	V	Harris	5	1 x 1
128711	wfsj0354+0010_023	3:53:00.00	+00:09:59.9	J2000.00	1.158	179.8	02:32:01.4	599.5	V	Harris	3	1 x 1
128712	wfsj0354+0010_023	3:53:00.00	+00:09:59.9	J2000.00	1.158	179.8	02:32:01.4	599.5	V	Harris	4	1 x 1
128713	wfsj0354+0010_023	3:53:00.00	+00:10:00.0	J2000.00	1.148	179.8	02:45:04.5	599.4	B	KpnoB	1	1 x 1
128714	wfsj0354+0010_023	3:53:00.00	+00:10:00.0	J2000.00	1.148	179.8	02:45:04.5	599.4	B	KpnoB	5	1 x 1
128715	wfsj0354+0010_023	3:53:00.00	+00:10:00.0	J2000.00	1.148	179.8	02:45:04.5	599.4	B	KpnoB	3	1 x 1
128716	wfsj0354+0010_023	3:53:00.00	+00:10:00.0	J2000.00	1.148	179.8	02:45:04.5	599.4	B	KpnoB	4	1 x 1
128717	wfsj0354+0010_023	3:53:00.00	+00:09:59.9	J2000.00	1.141	179.8	02:58:09.6	598.9	I	INT-WFC	1	1 x 1
128718	wfsj0354+0010_023	3:53:00.00	+00:09:59.9	J2000.00	1.141	179.8	02:58:09.6	598.9	I	INT-WFC	5	1 x 1
128719	wfsj0354+0010_023	3:53:00.00	+00:09:59.9	J2000.00	1.141	179.8	02:58:09.6	598.9	I	INT-WFC	3	1 x 1
128720	wfsj0354+0010_023	3:53:00.00	+00:09:59.9	J2000.00	1.141	179.8	02:58:09.6	598.9	I	INT-WFC	4	1 x 1
128721	wfsj0354+0010_023	3:53:00.00	+00:09:59.9	J2000.00	1.139	179.8	03:11:12.4	599.5	R	Harris	1	1 x 1
128722	wfsj0354+0010_023	3:53:00.00	+00:09:59.9	J2000.00	1.139	179.8	03:11:12.4	599.5	R	Harris	5	1 x 1
128723	wfsj0354+0010_023	3:53:00.00	+00:09:59.9	J2000.00	1.139	179.8	03:11:12.4	599.5	R	Harris	3	1 x 1
128724	wfsj0354+0010_023	3:53:00.00	+00:09:59.9	J2000.00	1.139	179.8	03:11:12.4	599.5	R	Harris	4	1 x 1
128725	wfsj0354+0010_024	3:53:00.00	+00:30:00.0	J2000.00	1.137	179.8	03:26:07.8	599.4	V	Harris	1	1 x 1
128726	wfsj0354+0010_024	3:53:00.00	+00:30:00.0	J2000.00	1.137	179.8	03:26:07.8	599.4	V	Harris	5	1 x 1
128727	wfsj0354+0010_024	3:53:00.00	+00:30:00.0	J2000.00	1.137	179.8	03:26:07.8	599.4	V	Harris	3	1 x 1
128728	wfsj0354+0010_024	3:53:00.00	+00:30:00.0	J2000.00	1.137	179.8	03:26:07.8	599.4	V	Harris	4	1 x 1
128729	wfsj0354+0010_024	3:53:00.00	+00:30:00.0	J2000.00	1.142	179.8	03:39:10.5	599.5	B	KpnoB	1	1 x 1
128730	wfsj0354+0010_024	3:53:00.00	+00:30:00.0	J2000.00	1.142	179.8	03:39:10.5	599.5	B	KpnoB	5	1 x 1
128731	wfsj0354+0010_024	3:53:00.00	+00:30:00.0	J2000.00	1.142	179.8	03:39:10.5	599.5	B	KpnoB	3	1 x 1
128732	wfsj0354+0010_024	3:53:00.00	+00:30:00.0	J2000.00	1.142	179.8	03:39:10.5	599.5	B	KpnoB	4	1 x 1
128733	wfsj0354+0010_024	3:53:00.00	+00:30:00.0	J2000.00	1.151	179.8	03:52:15.7	599.1	I	INT-WFC	1	1 x 1
128734	wfsj0354+0010_024	3:53:00.00	+00:30:00.0	J2000.00	1.151	179.8	03:52:15.7	599.1	I	INT-WFC	5	1 x 1
128735	wfsj0354+0010_024	3:53:00.00	+00:30:00.0	J2000.00	1.151	179.8	03:52:15.7	599.1	I	INT-WFC	3	1 x 1
128736	wfsj0354+0010_024	3:53:00.00	+00:30:00.0	J2000.00	1.151	179.8	03:52:15.7	599.1	I	INT-WFC	4	1 x 1
128737	wfsj0354+0010_024	3:53:00.00	+00:29:59.8	J2000.00	1.164	179.8	04:05:18.2	599.4	R	Harris	1	1 x 1
128738	wfsj0354+0010_024	3:53:00.00	+00:29:59.8	J2000.00	1.164	179.8	04:05:18.2	599.4	R	Harris	5	1 x 1
128739	wfsj0354+0010_024	3:53:00.00	+00:29:59.8	J2000.00	1.164	179.8	04:05:18.2	599.4	R	Harris	3	1 x 1
128740	wfsj0354+0010_024	3:53:00.00	+00:29:59.8	J2000.00	1.164	179.8	04:05:18.2	599.4	R	Harris	4	1 x 1
128741	wfsj0354+0010_033	3:54:59.99	+00:30:00.0	J2000.00	1.181	179.8	04:19:53.5	599.5	V	Harris	1	1 x 1
128742	wfsj0354+0010_033	3:54:59.99	+00:30:00.0	J2000.00	1.181	179.8	04:19:53.5	599.5	V	Harris	5	1 x 1
128743	wfsj0354+0010_033	3:54:59.99	+00:30:00.0	J2000.00	1.181	179.8	04:19:53.5	599.5	V	Harris	3	1 x 1

128744	wfsj0354+0010_033	3:54:59.99	+00:30:00.0	J2000.00	1.181	179.8	04:19:53.5	599.5	V	Harris	4	1 x 1
128745	wfsj0354+0010_033	3:55:00.00	+00:29:59.8	J2000.00	1.203	179.8	04:32:57.0	599.4	B	KpnoB	1	1 x 1
128746	wfsj0354+0010_033	3:55:00.00	+00:29:59.8	J2000.00	1.203	179.8	04:32:57.0	599.4	B	KpnoB	5	1 x 1
128747	wfsj0354+0010_033	3:55:00.00	+00:29:59.8	J2000.00	1.203	179.8	04:32:57.0	599.4	B	KpnoB	3	1 x 1
128748	wfsj0354+0010_033	3:55:00.00	+00:29:59.8	J2000.00	1.203	179.8	04:32:57.0	599.4	B	KpnoB	4	1 x 1
128749	wfsj0354+0010_033	3:55:00.00	+00:30:00.1	J2000.00	1.229	179.8	04:46:02.8	599.4	I	INT-WFC	1	1 x 1
128750	wfsj0354+0010_033	3:55:00.00	+00:30:00.1	J2000.00	1.229	179.8	04:46:02.8	599.4	I	INT-WFC	5	1 x 1
128751	wfsj0354+0010_033	3:55:00.00	+00:30:00.1	J2000.00	1.229	179.8	04:46:02.8	599.4	I	INT-WFC	3	1 x 1
128752	wfsj0354+0010_033	3:55:00.00	+00:30:00.1	J2000.00	1.229	179.8	04:46:02.8	599.4	I	INT-WFC	4	1 x 1
128753	wfsj0354+0010_033	3:55:00.00	+00:29:59.9	J2000.00	1.261	179.8	04:59:05.7	599.5	R	Harris	1	1 x 1
128754	wfsj0354+0010_033	3:55:00.00	+00:29:59.9	J2000.00	1.261	179.8	04:59:05.7	599.5	R	Harris	5	1 x 1
128755	wfsj0354+0010_033	3:55:00.00	+00:29:59.9	J2000.00	1.261	179.8	04:59:05.7	599.5	R	Harris	3	1 x 1
128756	wfsj0354+0010_033	3:55:00.00	+00:29:59.9	J2000.00	1.261	179.8	04:59:05.7	599.5	R	Harris	4	1 x 1
128757	wfsj0354+0010_034	3:54:59.99	+00:50:00.1	J2000.00	1.299	179.8	05:13:52.4	599.6	V	Harris	1	1 x 1
128758	wfsj0354+0010_034	3:54:59.99	+00:50:00.1	J2000.00	1.299	179.8	05:13:52.4	599.6	V	Harris	5	1 x 1
128759	wfsj0354+0010_034	3:54:59.99	+00:50:00.1	J2000.00	1.299	179.8	05:13:52.4	599.6	V	Harris	3	1 x 1
128760	wfsj0354+0010_034	3:54:59.99	+00:50:00.1	J2000.00	1.299	179.8	05:13:52.4	599.6	V	Harris	4	1 x 1
128761	wfsj0354+0010_034	3:55:00.00	+00:49:59.9	J2000.00	1.345	179.8	05:26:54.4	599.4	B	KpnoB	1	1 x 1
128762	wfsj0354+0010_034	3:55:00.00	+00:49:59.9	J2000.00	1.345	179.8	05:26:54.4	599.4	B	KpnoB	5	1 x 1
128763	wfsj0354+0010_034	3:55:00.00	+00:49:59.9	J2000.00	1.345	179.8	05:26:54.4	599.4	B	KpnoB	3	1 x 1
128764	wfsj0354+0010_034	3:55:00.00	+00:49:59.9	J2000.00	1.345	179.8	05:26:54.4	599.4	B	KpnoB	4	1 x 1
128765	wfsj0354+0010_034	3:55:00.00	+00:50:00.0	J2000.00	1.398	179.8	05:40:00.1	599.5	I	INT-WFC	1	1 x 1
128766	wfsj0354+0010_034	3:55:00.00	+00:50:00.0	J2000.00	1.398	179.8	05:40:00.1	599.5	I	INT-WFC	5	1 x 1
128767	wfsj0354+0010_034	3:55:00.00	+00:50:00.0	J2000.00	1.398	179.8	05:40:00.1	599.5	I	INT-WFC	3	1 x 1
128768	wfsj0354+0010_034	3:55:00.00	+00:50:00.0	J2000.00	1.398	179.8	05:40:00.1	599.5	I	INT-WFC	4	1 x 1
128769	wfsj0354+0010_034	3:54:59.99	+00:49:59.7	J2000.00	1.460	179.8	05:53:04.0	599.5	R	Harris	1	1 x 1
128770	wfsj0354+0010_034	3:54:59.99	+00:49:59.7	J2000.00	1.460	179.8	05:53:04.0	599.5	R	Harris	5	1 x 1
128771	wfsj0354+0010_034	3:54:59.99	+00:49:59.7	J2000.00	1.460	179.8	05:53:04.0	599.5	R	Harris	3	1 x 1
128772	wfsj0354+0010_034	3:54:59.99	+00:49:59.7	J2000.00	1.460	179.8	05:53:04.0	599.5	R	Harris	4	1 x 1
128773	sa95-330 R	3:54:31.00	+00:29:04.9	J2000.00	1.517	179.8	06:06:46.7	5.1	R	Harris	1	1 x 1
128774	sa95-330 R	3:54:31.00	+00:29:04.9	J2000.00	1.517	179.8	06:06:46.7	5.1	R	Harris	5	1 x 1
128775	sa95-330 R	3:54:31.00	+00:29:04.9	J2000.00	1.517	179.8	06:06:46.7	5.1	R	Harris	3	1 x 1
128776	sa95-330 R	3:54:31.00	+00:29:04.9	J2000.00	1.517	179.8	06:06:46.7	5.1	R	Harris	4	1 x 1
128777	sa95-330 V	3:54:30.99	+00:29:04.9	J2000.00	1.535	179.8	06:09:47.8	5.1	V	Harris	1	1 x 1
128778	sa95-330 V	3:54:30.99	+00:29:04.9	J2000.00	1.535	179.8	06:09:47.8	5.1	V	Harris	5	1 x 1
128779	sa95-330 V	3:54:30.99	+00:29:04.9	J2000.00	1.535	179.8	06:09:47.8	5.1	V	Harris	3	1 x 1
128780	sa95-330 V	3:54:30.99	+00:29:04.9	J2000.00	1.535	179.8	06:09:47.8	5.1	V	Harris	4	1 x 1
128781	sa95-330 I	3:54:30.99	+00:29:04.9	J2000.00	1.554	179.8	06:12:48.4	5.1	I	INT-WFC	1	1 x 1
128782	sa95-330 I	3:54:30.99	+00:29:04.9	J2000.00	1.554	179.8	06:12:48.4	5.1	I	INT-WFC	5	1 x 1
128783	sa95-330 I	3:54:30.99	+00:29:04.9	J2000.00	1.554	179.8	06:12:48.4	5.1	I	INT-WFC	3	1 x 1
128784	sa95-330 I	3:54:30.99	+00:29:04.9	J2000.00	1.554	179.8	06:12:48.4	5.1	I	INT-WFC	4	1 x 1
128785	sa95-330 B	3:54:31.00	+00:29:05.0	J2000.00	1.575	179.8	06:16:00.3	5.1	B	KpnoB	1	1 x 1
128786	sa95-330 B	3:54:31.00	+00:29:05.0	J2000.00	1.575	179.8	06:16:00.3	5.1	B	KpnoB	5	1 x 1
128787	sa95-330 B	3:54:31.00	+00:29:05.0	J2000.00	1.575	179.8	06:16:00.3	5.1	B	KpnoB	3	1 x 1
128788	sa95-330 B	3:54:31.00	+00:29:05.0	J2000.00	1.575	179.8	06:16:00.3	5.1	B	KpnoB	4	1 x 1
128793	Flat field	9:00:00.00	+19:59:59.9	J2000.00	1.121	179.8	06:32:18.1	100.0	I	INT-WFC	1	1 x 1
128794	Flat field	9:00:00.00	+19:59:59.9	J2000.00	1.121	179.8	06:32:18.1	100.0	I	INT-WFC	5	1 x 1
128795	Flat field	9:00:00.00	+19:59:59.9	J2000.00	1.121	179.8	06:32:18.1	100.0	I	INT-WFC	3	1 x 1
128796	Flat field	9:00:00.00	+19:59:59.9	J2000.00	1.121	179.8	06:32:18.1	100.0	I	INT-WFC	4	1 x 1
128797	Flat field	9:00:02.12	+20:00:29.8	J2000.00	1.112	179.8	06:36:53.8	50.1	I	INT-WFC	1	1 x 1
128798	Flat field	9:00:02.12	+20:00:29.8	J2000.00	1.112	179.8	06:36:53.8	50.1	I	INT-WFC	5	1 x 1
128799	Flat field	9:00:02.12	+20:00:29.8	J2000.00	1.112	179.8	06:36:53.8	50.1	I	INT-WFC	3	1 x 1
128800	Flat field	9:00:02.12	+20:00:29.8	J2000.00	1.112	179.8	06:36:53.8	50.1	I	INT-WFC	4	1 x 1
128801	Flat field	9:00:04.25	+20:00:00.0	J2000.00	1.106	179.8	06:40:40.5	25.1	I	INT-WFC	1	1 x 1
128802	Flat field	9:00:04.25	+20:00:00.0	J2000.00	1.106	179.8	06:40:40.5	25.1	I	INT-WFC	5	1 x 1
128803	Flat field	9:00:04.25	+20:00:00.0	J2000.00	1.106	179.8	06:40:40.5	25.1	I	INT-WFC	3	1 x 1
128804	Flat field	9:00:04.25	+20:00:00.0	J2000.00	1.106	179.8	06:40:40.5	25.1	I	INT-WFC	4	1 x 1
128805	Flat field	9:00:04.25	+19:59:59.9	J2000.00	1.099	179.8	06:44:02.5	15.6	R	Harris	1	1 x 1
128806	Flat field	9:00:04.25	+19:59:59.9	J2000.00	1.099	179.8	06:44:02.5	15.6	R	Harris	5	1 x 1
128807	Flat field	9:00:04.25	+19:59:59.9	J2000.00	1.099	179.8	06:44:02.5	15.6	R	Harris	3	1 x 1
128808	Flat field	9:00:04.25	+19:59:59.9	J2000.00	1.099	179.8	06:44:02.5	15.6	R	Harris	4	1 x 1
128809	Flat field	9:00:02.13	+20:00:30.0	J2000.00	1.093	179.8	06:47:25.7	8.1	R	Harris	1	1 x 1

128810	Flat field	9:00:02.13	+20:00:30.0	J2000.00	1.093	179.8	06:47:25.7	8.1	R	Harris	5	1 x 1
128811	Flat field	9:00:02.13	+20:00:30.0	J2000.00	1.093	179.8	06:47:25.7	8.1	R	Harris	3	1 x 1
128812	Flat field	9:00:02.13	+20:00:30.0	J2000.00	1.093	179.8	06:47:25.7	8.1	R	Harris	4	1 x 1
128813	Flat field	9:00:00.00	+20:00:00.0	J2000.00	1.088	179.8	06:50:31.8	3.1	R	Harris	1	1 x 1
128814	Flat field	9:00:00.00	+20:00:00.0	J2000.00	1.088	179.8	06:50:31.8	3.1	R	Harris	5	1 x 1
128815	Flat field	9:00:00.00	+20:00:00.0	J2000.00	1.088	179.8	06:50:31.8	3.1	R	Harris	3	1 x 1
128816	Flat field	9:00:00.00	+20:00:00.0	J2000.00	1.088	179.8	06:50:31.8	3.1	R	Harris	4	1 x 1