```
INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE:            INT
DATE:                 1998 SEP 28/29
INT TAPE NR:          INTD3801
OBSERVER:             M. Irwin
PROGRAMME:            orbital path of sgr dwarf galaxy
PATT/CAT:             I/98B/10
TELESCOPE OPERATOR:   N. O Mahony
SUPPORT ASTRONOMER:   -

FOCUS:                Prime
INSTRUMENT:           WFC
FILTER WHEEL (PF):    Z,U,I,R,KpB,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=2148, Ystart=0, Ysize=4200
BINNING:              in X=1, in Y=1

WEATHER:              GOOD: clear
OUTSIDE TEMP (deg C): 13.5              (FIRST HALF)
OUTSIDE TEMP (deg C): 14.3              (SECOND HALF)
HUMIDITY (%):           10              (FIRST HALF)
HUMIDITY (%):           10              (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):       1.1              (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:           09:25
DOME OPEN (UTC):      18:55
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.): 00:30
DK HRS LOST (A&G):    00:00
DK HRS LOST (OTHER):  00:00

COMMENTS:
No autoguider. 5 min exposures all night. Extra readout overhead due
to short exposures estimated at 2 hours.
30min lost to torn images: problem disappeared after startobssys
Morning twilight exposures affected by crosstalk.
----

Run no. Object name             RA         Dec.     Equinox    AM    PA     UT       Exp. T.   Filter      Psys Channel  Binning Comments
```

124608	Bias frame	0:00:00.00	+00:00:00.0	A		4.545	179.8	15:31:33.4	0.0	R	Harris 1 1 x 1
124609	Bias frame	0:00:00.00	+00:00:00.0	A		4.545	179.8	15:31:33.4	0.0	R	Harris 5 1 x 1
124610	Bias frame	0:00:00.00	+00:00:00.0	A		4.545	179.8	15:31:33.4	0.0	R	Harris 3 1 x 1
124611	Bias frame	0:00:00.00	+00:00:00.0	A		4.545	179.8	15:31:33.4	0.0	R	Harris 4 1 x 1
124612	Bias frame	0:00:00.00	+00:00:00.0	A		4.545	179.8	15:37:30.7	0.0	R	Harris 1 1 x 1
124613	Bias frame	0:00:00.00	+00:00:00.0	A		4.545	179.8	15:37:30.7	0.0	R	Harris 5 1 x 1
124614	Bias frame	0:00:00.00	+00:00:00.0	A		4.545	179.8	15:37:30.7	0.0	R	Harris 3 1 x 1
124615	Bias frame	0:00:00.00	+00:00:00.0	A		4.545	179.8	15:37:30.7	0.0	R	Harris 4 1 x 1
124616	Bias frame	0:00:00.00	+00:00:00.0	A		4.545	179.8	15:40:21.3	0.0	R	Harris 1 1 x 1
124617	Bias frame	0:00:00.00	+00:00:00.0	A		4.545	179.8	15:40:21.3	0.0	R	Harris 5 1 x 1
124618	Bias frame	0:00:00.00	+00:00:00.0	A		4.545	179.8	15:40:21.3	0.0	R	Harris 3 1 x 1
124619	Bias frame	0:00:00.00	+00:00:00.0	A		4.545	179.8	15:40:21.3	0.0	R	Harris 4 1 x 1
124620	Bias frame	0:00:00.00	+00:00:00.0	A		4.545	179.8	15:43:11.6	0.0	R	Harris 1 1 x 1
124621	Bias frame	0:00:00.00	+00:00:00.0	A		4.545	179.8	15:43:11.6	0.0	R	Harris 5 1 x 1
124622	Bias frame	0:00:00.00	+00:00:00.0	A		4.545	179.8	15:43:11.6	0.0	R	Harris 3 1 x 1
124623	Bias frame	0:00:00.00	+00:00:00.0	A		4.545	179.8	15:43:11.6	0.0	R	Harris 4 1 x 1
124624	Bias frame	0:00:00.00	+00:00:00.0	A		4.545	179.8	15:46:02.0	0.0	R	Harris 1 1 x 1
124625	Bias frame	0:00:00.00	+00:00:00.0	A		4.545	179.8	15:46:02.0	0.0	R	Harris 5 1 x 1
124626	Bias frame	0:00:00.00	+00:00:00.0	A		4.545	179.8	15:46:02.0	0.0	R	Harris 3 1 x 1
124627	Bias frame	0:00:00.00	+00:00:00.0	A		4.545	179.8	15:46:02.0	0.0	R	Harris 4 1 x 1
124628	Flat field	18:50:00.00	+29:59:59.9	B1950.00		1.003	179.8	19:13:47.7	2.2	B	KpnoB 1 1 x 1
124629	Flat field	18:50:00.00	+29:59:59.9	B1950.00		1.003	179.8	19:13:47.7	2.2	B	KpnoB 5 1 x 1
124630	Flat field	18:50:00.00	+29:59:59.9	B1950.00		1.003	179.8	19:13:47.7	2.2	B	KpnoB 3 1 x 1
124631	Flat field	18:50:00.00	+29:59:59.9	B1950.00		1.003	179.8	19:13:47.7	2.2	B	KpnoB 4 1 x 1
124632	Flat field	18:50:02.30	+29:59:59.9	B1950.00		1.002	179.8	19:18:05.4	2.1	B	KpnoB 1 1 x 1
124633	Flat field	18:50:02.30	+29:59:59.9	B1950.00		1.002	179.8	19:18:05.4	2.1	B	KpnoB 5 1 x 1
124634	Flat field	18:50:02.30	+29:59:59.9	B1950.00		1.002	179.8	19:18:05.4	2.1	B	KpnoB 3 1 x 1
124635	Flat field	18:50:02.30	+29:59:59.9	B1950.00		1.002	179.8	19:18:05.4	2.1	B	KpnoB 4 1 x 1
124636	Flat field	18:50:02.31	+29:59:59.9	B1950.00		1.001	179.8	19:21:40.3	1.7	B	KpnoB 1 1 x 1
124637	Flat field	18:50:02.31	+29:59:59.9	B1950.00		1.001	179.8	19:21:40.3	1.7	B	KpnoB 5 1 x 1
124638	Flat field	18:50:02.31	+29:59:59.9	B1950.00		1.001	179.8	19:21:40.3	1.7	B	KpnoB 3 1 x 1
124639	Flat field	18:50:02.31	+29:59:59.9	B1950.00		1.001	179.8	19:21:40.3	1.7	B	KpnoB 4 1 x 1
124640	Flat field	18:50:02.30	+30:00:00.0	B1950.00		1.001	179.8	19:24:57.6	4.1	B	KpnoB 1 1 x 1
124641	Flat field	18:50:02.30	+30:00:00.0	B1950.00		1.001	179.8	19:24:57.6	4.1	B	KpnoB 5 1 x 1
124642	Flat field	18:50:02.30	+30:00:00.0	B1950.00		1.001	179.8	19:24:57.6	4.1	B	KpnoB 3 1 x 1
124643	Flat field	18:50:02.30	+30:00:00.0	B1950.00		1.001	179.8	19:24:57.6	4.1	B	KpnoB 4 1 x 1
124644	Flat field	18:50:02.31	+30:00:00.0	B1950.00		1.001	179.8	19:28:00.2	8.1	B	KpnoB 1 1 x 1
124645	Flat field	18:50:02.31	+30:00:00.0	B1950.00		1.001	179.8	19:28:00.2	8.1	B	KpnoB 5 1 x 1
124646	Flat field	18:50:02.31	+30:00:00.0	B1950.00		1.001	179.8	19:28:00.2	8.1	B	KpnoB 3 1 x 1
124647	Flat field	18:50:02.31	+30:00:00.0	B1950.00		1.001	179.8	19:28:00.2	8.1	B	KpnoB 4 1 x 1
124648	Flat field	18:50:02.31	+29:59:59.9	B1950.00		1.000	179.8	19:31:16.5	8.1	I	INT-WFC 1 1 x 1
124649	Flat field	18:50:02.31	+29:59:59.9	B1950.00		1.000	179.8	19:31:16.5	8.1	I	INT-WFC 5 1 x 1
124650	Flat field	18:50:02.31	+29:59:59.9	B1950.00		1.000	179.8	19:31:16.5	8.1	I	INT-WFC 3 1 x 1
124651	Flat field	18:50:02.31	+29:59:59.9	B1950.00		1.000	179.8	19:31:16.5	8.1	I	INT-WFC 4 1 x 1
124652	Flat field	18:50:02.31	+30:00:00.1	B1950.00		1.000	179.8	19:34:41.4	30.1	I	INT-WFC 1 1 x 1
124653	Flat field	18:50:02.31	+30:00:00.1	B1950.00		1.000	179.8	19:34:41.4	30.1	I	INT-WFC 5 1 x 1
124654	Flat field	18:50:02.31	+30:00:00.1	B1950.00		1.000	179.8	19:34:41.4	30.1	I	INT-WFC 3 1 x 1
124655	Flat field	18:50:02.31	+30:00:00.1	B1950.00		1.000	179.8	19:34:41.4	30.1	I	INT-WFC 4 1 x 1
124660	Flat field	18:50:02.31	+30:00:00.0	B1950.00		1.000	179.8	19:38:32.2	60.1	I	INT-WFC 1 1 x 1
124661	Flat field	18:50:02.31	+30:00:00.0	B1950.00		1.000	179.8	19:38:32.2	60.1	I	INT-WFC 5 1 x 1
124662	Flat field	18:50:02.31	+30:00:00.0	B1950.00		1.000	179.8	19:38:32.2	60.1	I	INT-WFC 3 1 x 1
124663	Flat field	18:50:02.31	+30:00:00.0	B1950.00		1.000	179.8	19:38:32.2	60.1	I	INT-WFC 4 1 x 1
124664	Focus run	21:42:35.00	+00:18:31.0	J2000.00		1.473	179.8	19:47:29.2	10.1	V	Harris 1 1 x 1
124665	Focus run	21:42:35.00	+00:18:31.0	J2000.00		1.473	179.8	19:47:29.2	10.1	V	Harris 5 1 x 1
124666	Focus run	21:42:35.00	+00:18:31.0	J2000.00		1.473	179.8	19:47:29.2	10.1	V	Harris 3 1 x 1
124667	Focus run	21:42:35.00	+00:18:31.0	J2000.00		1.473	179.8	19:47:29.2	10.1	V	Harris 4 1 x 1
124672	sa113-163 V	21:42:35.00	+00:16:45.9	J2000.00		1.431	179.8	19:54:28.4	10.1	V	Harris 1 1 x 1
124673	sa113-163 V	21:42:35.00	+00:16:45.9	J2000.00		1.431	179.8	19:54:28.4	10.1	V	Harris 5 1 x 1
124674	sa113-163 V	21:42:35.00	+00:16:45.9	J2000.00		1.431	179.8	19:54:28.4	10.1	V	Harris 3 1 x 1
124675	sa113-163 V	21:42:35.00	+00:16:45.9	J2000.00		1.431	179.8	19:54:28.4	10.1	V	Harris 4 1 x 1
124676	sa113-163 R	21:42:35.00	+00:16:46.0	J2000.00		1.416	179.8	19:57:44.5	10.1	R	Harris 1 1 x 1
124677	sa113-163 R	21:42:35.00	+00:16:46.0	J2000.00		1.416	179.8	19:57:44.5	10.1	R	Harris 5 1 x 1

124678	sa113-163	R	21:42:35.00	+00:16:46.0	J2000.00	1.416	179.8	19:57:44.5	10.1	R	Harris	3	1 x 1
124679	sa113-163	R	21:42:35.00	+00:16:46.0	J2000.00	1.416	179.8	19:57:44.5	10.1	R	Harris	4	1 x 1
124680	sa113-163	I	21:42:35.00	+00:16:46.0	J2000.00	1.402	179.8	20:00:57.5	9.6	I	INT-WFC	1	1 x 1
124681	sa113-163	I	21:42:35.00	+00:16:46.0	J2000.00	1.402	179.8	20:00:57.5	9.6	I	INT-WFC	5	1 x 1
124682	sa113-163	I	21:42:35.00	+00:16:46.0	J2000.00	1.402	179.8	20:00:57.5	9.6	I	INT-WFC	3	1 x 1
124683	sa113-163	I	21:42:35.00	+00:16:46.0	J2000.00	1.402	179.8	20:00:57.5	9.6	I	INT-WFC	4	1 x 1
124684	2213-0017	I	22:13:03.20	-00:17:56.9	B1950.00	1.539	179.8	20:06:05.7	299.7	I	INT-WFC	1	1 x 1
124685	2213-0017	I	22:13:03.20	-00:17:56.9	B1950.00	1.539	179.8	20:06:05.7	299.7	I	INT-WFC	5	1 x 1
124686	2213-0017	I	22:13:03.20	-00:17:56.9	B1950.00	1.539	179.8	20:06:05.7	299.7	I	INT-WFC	3	1 x 1
124687	2213-0017	I	22:13:03.20	-00:17:56.9	B1950.00	1.539	179.8	20:06:05.7	299.7	I	INT-WFC	4	1 x 1
124688	2213-0017	I	22:13:03.20	-00:17:56.9	B1950.00	1.492	179.8	20:14:22.7	299.8	I	INT-WFC	1	1 x 1
124689	2213-0017	I	22:13:03.20	-00:17:56.9	B1950.00	1.492	179.8	20:14:22.7	299.8	I	INT-WFC	5	1 x 1
124690	2213-0017	I	22:13:03.20	-00:17:56.9	B1950.00	1.492	179.8	20:14:22.7	299.8	I	INT-WFC	3	1 x 1
124691	2213-0017	I	22:13:03.20	-00:17:56.9	B1950.00	1.492	179.8	20:14:22.7	299.8	I	INT-WFC	4	1 x 1
124692	2213-0017	I	22:13:03.20	-00:17:56.9	B1950.00	1.450	179.8	20:22:17.6	299.9	I	INT-WFC	1	1 x 1
124693	2213-0017	I	22:13:03.20	-00:17:56.9	B1950.00	1.450	179.8	20:22:17.6	299.9	I	INT-WFC	5	1 x 1
124694	2213-0017	I	22:13:03.20	-00:17:56.9	B1950.00	1.450	179.8	20:22:17.6	299.9	I	INT-WFC	3	1 x 1
124695	2213-0017	I	22:13:03.20	-00:17:56.9	B1950.00	1.450	179.8	20:22:17.6	299.9	I	INT-WFC	4	1 x 1
124696	2213-0017	V	22:13:03.20	-00:17:57.0	B1950.00	1.410	179.8	20:30:50.0	299.8	V	Harris	1	1 x 1
124697	2213-0017	V	22:13:03.20	-00:17:57.0	B1950.00	1.410	179.8	20:30:50.0	299.8	V	Harris	5	1 x 1
124698	2213-0017	V	22:13:03.20	-00:17:57.0	B1950.00	1.410	179.8	20:30:50.0	299.8	V	Harris	3	1 x 1
124699	2213-0017	V	22:13:03.20	-00:17:57.0	B1950.00	1.410	179.8	20:30:50.0	299.8	V	Harris	4	1 x 1
124700	2213-0017	V	22:13:03.20	-00:17:56.9	B1950.00	1.376	179.8	20:38:46.2	299.8	V	Harris	1	1 x 1
124701	2213-0017	V	22:13:03.20	-00:17:56.9	B1950.00	1.376	179.8	20:38:46.2	299.8	V	Harris	5	1 x 1
124702	2213-0017	V	22:13:03.20	-00:17:56.9	B1950.00	1.376	179.8	20:38:46.2	299.8	V	Harris	3	1 x 1
124703	2213-0017	V	22:13:03.20	-00:17:56.9	B1950.00	1.376	179.8	20:38:46.2	299.8	V	Harris	4	1 x 1
124704	2213-0017	V	22:13:03.20	-00:17:56.9	B1950.00	1.344	179.8	20:47:03.0	299.9	V	Harris	1	1 x 1
124705	2213-0017	V	22:13:03.20	-00:17:56.9	B1950.00	1.344	179.8	20:47:03.0	299.9	V	Harris	5	1 x 1
124706	2213-0017	V	22:13:03.20	-00:17:56.9	B1950.00	1.344	179.8	20:47:03.0	299.9	V	Harris	3	1 x 1
124707	2213-0017	V	22:13:03.20	-00:17:56.9	B1950.00	1.344	179.8	20:47:03.0	299.9	V	Harris	4	1 x 1
124708	2213-0017	I	22:13:03.20	-00:17:56.9	B1950.00	1.306	179.8	20:58:07.6	299.8	I	INT-WFC	1	1 x 1
124709	2213-0017	I	22:13:03.20	-00:17:56.9	B1950.00	1.306	179.8	20:58:07.6	299.8	I	INT-WFC	5	1 x 1
124710	2213-0017	I	22:13:03.20	-00:17:56.9	B1950.00	1.306	179.8	20:58:07.6	299.8	I	INT-WFC	3	1 x 1
124711	2213-0017	I	22:13:03.20	-00:17:56.9	B1950.00	1.306	179.8	20:58:07.6	299.8	I	INT-WFC	4	1 x 1
124716	2213-0017	I	22:13:03.20	-00:17:56.9	B1950.00	1.231	179.8	21:26:28.4	299.8	I	INT-WFC	1	1 x 1
124717	2213-0017	I	22:13:03.20	-00:17:56.9	B1950.00	1.231	179.8	21:26:28.4	299.8	I	INT-WFC	5	1 x 1
124718	2213-0017	I	22:13:03.20	-00:17:56.9	B1950.00	1.231	179.8	21:26:28.4	299.8	I	INT-WFC	3	1 x 1
124719	2213-0017	I	22:13:03.20	-00:17:56.9	B1950.00	1.231	179.8	21:26:28.4	299.8	I	INT-WFC	4	1 x 1
124720	2213-0017	I	22:13:03.19	-00:17:57.0	B1950.00	1.214	179.8	21:34:32.0	299.7	I	INT-WFC	1	1 x 1
124721	2213-0017	I	22:13:03.19	-00:17:57.0	B1950.00	1.214	179.8	21:34:32.0	299.7	I	INT-WFC	5	1 x 1
124722	2213-0017	I	22:13:03.19	-00:17:57.0	B1950.00	1.214	179.8	21:34:32.0	299.7	I	INT-WFC	3	1 x 1
124723	2213-0017	I	22:13:03.19	-00:17:57.0	B1950.00	1.214	179.8	21:34:32.0	299.7	I	INT-WFC	4	1 x 1
124724	2225-1401	I	22:25:30.29	-14:01:44.0	B1950.00	1.465	179.8	21:44:25.6	299.8	I	INT-WFC	1	1 x 1
124725	2225-1401	I	22:25:30.29	-14:01:44.0	B1950.00	1.465	179.8	21:44:25.6	299.8	I	INT-WFC	5	1 x 1
124726	2225-1401	I	22:25:30.29	-14:01:44.0	B1950.00	1.465	179.8	21:44:25.6	299.8	I	INT-WFC	3	1 x 1
124727	2225-1401	I	22:25:30.29	-14:01:44.0	B1950.00	1.465	179.8	21:44:25.6	299.8	I	INT-WFC	4	1 x 1
124728	2225-1401	I	22:25:30.30	-14:01:44.0	B1950.00	1.444	179.8	21:52:22.3	299.8	I	INT-WFC	1	1 x 1
124729	2225-1401	I	22:25:30.30	-14:01:44.0	B1950.00	1.444	179.8	21:52:22.3	299.8	I	INT-WFC	5	1 x 1
124730	2225-1401	I	22:25:30.30	-14:01:44.0	B1950.00	1.444	179.8	21:52:22.3	299.8	I	INT-WFC	3	1 x 1
124731	2225-1401	I	22:25:30.30	-14:01:44.0	B1950.00	1.444	179.8	21:52:22.3	299.8	I	INT-WFC	4	1 x 1
124732	2225-1401	I	22:25:30.30	-14:01:43.9	B1950.00	1.426	179.8	22:00:18.7	299.8	I	INT-WFC	1	1 x 1
124733	2225-1401	I	22:25:30.30	-14:01:43.9	B1950.00	1.426	179.8	22:00:18.7	299.8	I	INT-WFC	5	1 x 1
124734	2225-1401	I	22:25:30.30	-14:01:43.9	B1950.00	1.426	179.8	22:00:18.7	299.8	I	INT-WFC	3	1 x 1
124735	2225-1401	I	22:25:30.30	-14:01:43.9	B1950.00	1.426	179.8	22:00:18.7	299.8	I	INT-WFC	4	1 x 1
124736	2225-1401	V	22:25:30.30	-14:01:43.9	B1950.00	1.409	179.8	22:08:27.3	299.7	V	Harris	1	1 x 1
124737	2225-1401	V	22:25:30.30	-14:01:43.9	B1950.00	1.409	179.8	22:08:27.3	299.7	V	Harris	5	1 x 1
124738	2225-1401	V	22:25:30.30	-14:01:43.9	B1950.00	1.409	179.8	22:08:27.3	299.7	V	Harris	3	1 x 1
124739	2225-1401	V	22:25:30.30	-14:01:43.9	B1950.00	1.409	179.8	22:08:27.3	299.7	V	Harris	4	1 x 1
124740	2225-1401	V	22:25:30.30	-14:01:43.9	B1950.00	1.395	179.8	22:16:24.0	299.9	V	Harris	1	1 x 1
124741	2225-1401	V	22:25:30.30	-14:01:43.9	B1950.00	1.395	179.8	22:16:24.0	299.9	V	Harris	5	1 x 1
124742	2225-1401	V	22:25:30.30	-14:01:43.9	B1950.00	1.395	179.8	22:16:24.0	299.9	V	Harris	3	1 x 1
124743	2225-1401	V	22:25:30.30	-14:01:43.9	B1950.00	1.395	179.8	22:16:24.0	299.9	V	Harris	4	1 x 1

124744	2225-1401	V	22:25:30.30	-14:01:44.0	B1950.00	1.384	179.8	22:24:19.6	299.3	V	Harris	1	1 x 1
124745	2225-1401	V	22:25:30.30	-14:01:44.0	B1950.00	1.384	179.8	22:24:19.6	299.3	V	Harris	5	1 x 1
124746	2225-1401	V	22:25:30.30	-14:01:44.0	B1950.00	1.384	179.8	22:24:19.6	299.3	V	Harris	3	1 x 1
124747	2225-1401	V	22:25:30.30	-14:01:44.0	B1950.00	1.384	179.8	22:24:19.6	299.3	V	Harris	4	1 x 1
124748	2229+1902	I	22:29:27.99	+19:02:14.0	B1950.00	1.024	179.8	22:34:57.9	299.8	I	INT-WFC	1	1 x 1
124749	2229+1902	I	22:29:27.99	+19:02:14.0	B1950.00	1.024	179.8	22:34:57.9	299.8	I	INT-WFC	5	1 x 1
124750	2229+1902	I	22:29:27.99	+19:02:14.0	B1950.00	1.024	179.8	22:34:57.9	299.8	I	INT-WFC	3	1 x 1
124751	2229+1902	I	22:29:27.99	+19:02:14.0	B1950.00	1.024	179.8	22:34:57.9	299.8	I	INT-WFC	4	1 x 1
124752	2229+1902	I	22:29:27.99	+19:02:13.9	B1950.00	1.020	179.8	22:42:54.3	299.8	I	INT-WFC	1	1 x 1
124753	2229+1902	I	22:29:27.99	+19:02:13.9	B1950.00	1.020	179.8	22:42:54.3	299.8	I	INT-WFC	5	1 x 1
124754	2229+1902	I	22:29:27.99	+19:02:13.9	B1950.00	1.020	179.8	22:42:54.3	299.8	I	INT-WFC	3	1 x 1
124755	2229+1902	I	22:29:27.99	+19:02:13.9	B1950.00	1.020	179.8	22:42:54.3	299.8	I	INT-WFC	4	1 x 1
124756	2229+1902	I	22:29:28.00	+19:02:14.0	B1950.00	1.017	179.8	22:50:50.5	299.8	I	INT-WFC	1	1 x 1
124757	2229+1902	I	22:29:28.00	+19:02:14.0	B1950.00	1.017	179.8	22:50:50.5	299.8	I	INT-WFC	5	1 x 1
124758	2229+1902	I	22:29:28.00	+19:02:14.0	B1950.00	1.017	179.8	22:50:50.5	299.8	I	INT-WFC	3	1 x 1
124759	2229+1902	I	22:29:28.00	+19:02:14.0	B1950.00	1.017	179.8	22:50:50.5	299.8	I	INT-WFC	4	1 x 1
124760	2229+1902	V	22:29:28.00	+19:02:14.0	B1950.00	1.015	179.8	22:58:59.8	299.8	V	Harris	1	1 x 1
124761	2229+1902	V	22:29:28.00	+19:02:14.0	B1950.00	1.015	179.8	22:58:59.8	299.8	V	Harris	5	1 x 1
124762	2229+1902	V	22:29:28.00	+19:02:14.0	B1950.00	1.015	179.8	22:58:59.8	299.8	V	Harris	3	1 x 1
124763	2229+1902	V	22:29:28.00	+19:02:14.0	B1950.00	1.015	179.8	22:58:59.8	299.8	V	Harris	4	1 x 1
124764	2229+1902	V	22:29:28.00	+19:02:13.9	B1950.00	1.014	179.8	23:06:56.7	299.9	V	Harris	1	1 x 1
124765	2229+1902	V	22:29:28.00	+19:02:13.9	B1950.00	1.014	179.8	23:06:56.7	299.9	V	Harris	5	1 x 1
124766	2229+1902	V	22:29:28.00	+19:02:13.9	B1950.00	1.014	179.8	23:06:56.7	299.9	V	Harris	3	1 x 1
124767	2229+1902	V	22:29:28.00	+19:02:13.9	B1950.00	1.014	179.8	23:06:56.7	299.9	V	Harris	4	1 x 1
124768	2229+1902	V	22:29:27.99	+19:02:13.9	B1950.00	1.014	179.8	23:14:52.3	299.8	V	Harris	1	1 x 1
124769	2229+1902	V	22:29:27.99	+19:02:13.9	B1950.00	1.014	179.8	23:14:52.3	299.8	V	Harris	5	1 x 1
124770	2229+1902	V	22:29:27.99	+19:02:13.9	B1950.00	1.014	179.8	23:14:52.3	299.8	V	Harris	3	1 x 1
124771	2229+1902	V	22:29:27.99	+19:02:13.9	B1950.00	1.014	179.8	23:14:52.3	299.8	V	Harris	4	1 x 1
124772	M31_1	V	0:44:00.00	+41:34:00.0	B1950.00	1.127	179.8	23:26:01.8	299.9	V	Harris	1	1 x 1
124773	M31_1	V	0:44:00.00	+41:34:00.0	B1950.00	1.127	179.8	23:26:01.8	299.9	V	Harris	5	1 x 1
124774	M31_1	V	0:44:00.00	+41:34:00.0	B1950.00	1.127	179.8	23:26:01.8	299.9	V	Harris	3	1 x 1
124775	M31_1	V	0:44:00.00	+41:34:00.0	B1950.00	1.127	179.8	23:26:01.8	299.9	V	Harris	4	1 x 1
124785	M31_1_new	V	0:44:00.00	+41:33:59.9	J2000.00	1.096	179.8	23:41:28.3	299.7	V	Harris	1	1 x 1
124786	M31_1_new	V	0:44:00.00	+41:33:59.9	J2000.00	1.096	179.8	23:41:28.3	299.7	V	Harris	5	1 x 1
124787	M31_1_new	V	0:44:00.00	+41:33:59.9	J2000.00	1.096	179.8	23:41:28.3	299.7	V	Harris	3	1 x 1
124788	M31_1_new	V	0:44:00.00	+41:33:59.9	J2000.00	1.096	179.8	23:41:28.3	299.7	V	Harris	4	1 x 1
124789	M31_1_new	V	0:44:00.00	+41:33:59.9	J2000.00	1.085	179.8	23:49:32.4	299.8	V	Harris	1	1 x 1
124790	M31_1_new	V	0:44:00.00	+41:33:59.9	J2000.00	1.085	179.8	23:49:32.4	299.8	V	Harris	5	1 x 1
124791	M31_1_new	V	0:44:00.00	+41:33:59.9	J2000.00	1.085	179.8	23:49:32.4	299.8	V	Harris	3	1 x 1
124792	M31_1_new	V	0:44:00.00	+41:33:59.9	J2000.00	1.085	179.8	23:49:32.4	299.8	V	Harris	4	1 x 1
124793	M31_1_new	V	0:44:00.00	+41:34:00.0	J2000.00	1.075	179.8	23:57:27.7	299.8	V	Harris	1	1 x 1
124794	M31_1_new	V	0:44:00.00	+41:34:00.0	J2000.00	1.075	179.8	23:57:27.7	299.8	V	Harris	5	1 x 1
124795	M31_1_new	V	0:44:00.00	+41:34:00.0	J2000.00	1.075	179.8	23:57:27.7	299.8	V	Harris	3	1 x 1
124796	M31_1_new	V	0:44:00.00	+41:34:00.0	J2000.00	1.075	179.8	23:57:27.7	299.8	V	Harris	4	1 x 1
124797	M31_2_new	V	0:42:29.99	+40:59:59.9	J2000.00	1.061	179.8	00:06:04.9	299.7	V	Harris	1	1 x 1
124798	M31_2_new	V	0:42:29.99	+40:59:59.9	J2000.00	1.061	179.8	00:06:04.9	299.7	V	Harris	5	1 x 1
124799	M31_2_new	V	0:42:29.99	+40:59:59.9	J2000.00	1.061	179.8	00:06:04.9	299.7	V	Harris	3	1 x 1
124800	M31_2_new	V	0:42:29.99	+40:59:59.9	J2000.00	1.061	179.8	00:06:04.9	299.7	V	Harris	4	1 x 1
124801	M31_2_new	V	0:42:30.00	+41:00:00.0	J2000.00	1.054	179.8	00:14:00.6	299.7	V	Harris	1	1 x 1
124802	M31_2_new	V	0:42:30.00	+41:00:00.0	J2000.00	1.054	179.8	00:14:00.6	299.7	V	Harris	5	1 x 1
124803	M31_2_new	V	0:42:30.00	+41:00:00.0	J2000.00	1.054	179.8	00:14:00.6	299.7	V	Harris	3	1 x 1
124804	M31_2_new	V	0:42:30.00	+41:00:00.0	J2000.00	1.054	179.8	00:14:00.6	299.7	V	Harris	4	1 x 1
124805	M31_2_new	V	0:42:30.00	+40:59:59.9	J2000.00	1.046	179.8	00:23:20.6	299.9	V	Harris	1	1 x 1
124806	M31_2_new	V	0:42:30.00	+40:59:59.9	J2000.00	1.046	179.8	00:23:20.6	299.9	V	Harris	5	1 x 1
124807	M31_2_new	V	0:42:30.00	+40:59:59.9	J2000.00	1.046	179.8	00:23:20.6	299.9	V	Harris	3	1 x 1
124808	M31_2_new	V	0:42:30.00	+40:59:59.9	J2000.00	1.046	179.8	00:23:20.6	299.9	V	Harris	4	1 x 1
124809	sa92-335	V	0:55:00.00	+00:44:12.9	J2000.00	1.176	179.8	00:33:21.1	10.1	V	Harris	1	1 x 1
124810	sa92-335	V	0:55:00.00	+00:44:12.9	J2000.00	1.176	179.8	00:33:21.1	10.1	V	Harris	5	1 x 1
124811	sa92-335	V	0:55:00.00	+00:44:12.9	J2000.00	1.176	179.8	00:33:21.1	10.1	V	Harris	3	1 x 1
124812	sa92-335	V	0:55:00.00	+00:44:12.9	J2000.00	1.176	179.8	00:33:21.1	10.1	V	Harris	4	1 x 1
124813	sa92-335	R	0:55:00.00	+00:44:12.9	J2000.00	1.171	179.8	00:36:36.4	10.1	R	Harris	1	1 x 1
124814	sa92-335	R	0:55:00.00	+00:44:12.9	J2000.00	1.171	179.8	00:36:36.4	10.1	R	Harris	5	1 x 1

124815	sa92-335 R	0:55:00.00	+00:44:12.9	J2000.00	1.171	179.8	00:36:36.4	10.1	R	Harris	3	1 x 1
124816	sa92-335 R	0:55:00.00	+00:44:12.9	J2000.00	1.171	179.8	00:36:36.4	10.1	R	Harris	4	1 x 1
124817	sa92-335 I	0:55:00.00	+00:44:13.0	J2000.00	1.167	179.8	00:39:48.5	9.6	I	INT-WFC	1	1 x 1
124818	sa92-335 I	0:55:00.00	+00:44:13.0	J2000.00	1.167	179.8	00:39:48.5	9.6	I	INT-WFC	5	1 x 1
124819	sa92-335 I	0:55:00.00	+00:44:13.0	J2000.00	1.167	179.8	00:39:48.5	9.6	I	INT-WFC	3	1 x 1
124820	sa92-335 I	0:55:00.00	+00:44:13.0	J2000.00	1.167	179.8	00:39:48.5	9.6	I	INT-WFC	4	1 x 1
124821	0102-0556 I	1:02:28.20	-05:56:08.0	B1950.00	1.252	179.8	00:46:49.6	299.8	I	INT-WFC	1	1 x 1
124822	0102-0556 I	1:02:28.20	-05:56:08.0	B1950.00	1.252	179.8	00:46:49.6	299.8	I	INT-WFC	5	1 x 1
124823	0102-0556 I	1:02:28.20	-05:56:08.0	B1950.00	1.252	179.8	00:46:49.6	299.8	I	INT-WFC	3	1 x 1
124824	0102-0556 I	1:02:28.20	-05:56:08.0	B1950.00	1.252	179.8	00:46:49.6	299.8	I	INT-WFC	4	1 x 1
124825	0102-0556 I	1:02:28.20	-05:56:08.0	B1950.00	1.242	179.8	00:54:46.0	299.8	I	INT-WFC	1	1 x 1
124826	0102-0556 I	1:02:28.20	-05:56:08.0	B1950.00	1.242	179.8	00:54:46.0	299.8	I	INT-WFC	5	1 x 1
124827	0102-0556 I	1:02:28.20	-05:56:08.0	B1950.00	1.242	179.8	00:54:46.0	299.8	I	INT-WFC	3	1 x 1
124828	0102-0556 I	1:02:28.20	-05:56:08.0	B1950.00	1.242	179.8	00:54:46.0	299.8	I	INT-WFC	4	1 x 1
124829	0102-0556 I	1:02:28.20	-05:56:08.0	B1950.00	1.233	179.8	01:02:42.4	299.9	I	INT-WFC	1	1 x 1
124830	0102-0556 I	1:02:28.20	-05:56:08.0	B1950.00	1.233	179.8	01:02:42.4	299.9	I	INT-WFC	5	1 x 1
124831	0102-0556 I	1:02:28.20	-05:56:08.0	B1950.00	1.233	179.8	01:02:42.4	299.9	I	INT-WFC	3	1 x 1
124832	0102-0556 I	1:02:28.20	-05:56:08.0	B1950.00	1.233	179.8	01:02:42.4	299.9	I	INT-WFC	4	1 x 1
124833	0102-0556 V	1:02:28.20	-05:56:08.0	B1950.00	1.225	179.8	01:10:52.2	299.8	V	Harris	1	1 x 1
124834	0102-0556 V	1:02:28.20	-05:56:08.0	B1950.00	1.225	179.8	01:10:52.2	299.8	V	Harris	5	1 x 1
124835	0102-0556 V	1:02:28.20	-05:56:08.0	B1950.00	1.225	179.8	01:10:52.2	299.8	V	Harris	3	1 x 1
124836	0102-0556 V	1:02:28.20	-05:56:08.0	B1950.00	1.225	179.8	01:10:52.2	299.8	V	Harris	4	1 x 1
124837	0102-0556 V	1:02:28.19	-05:56:08.0	B1950.00	1.219	179.8	01:18:48.3	299.8	V	Harris	1	1 x 1
124838	0102-0556 V	1:02:28.19	-05:56:08.0	B1950.00	1.219	179.8	01:18:48.3	299.8	V	Harris	5	1 x 1
124839	0102-0556 V	1:02:28.19	-05:56:08.0	B1950.00	1.219	179.8	01:18:48.3	299.8	V	Harris	3	1 x 1
124840	0102-0556 V	1:02:28.19	-05:56:08.0	B1950.00	1.219	179.8	01:18:48.3	299.8	V	Harris	4	1 x 1
124841	0102-0556 V	1:02:28.20	-05:56:08.0	B1950.00	1.215	179.8	01:26:44.7	299.8	V	Harris	1	1 x 1
124842	0102-0556 V	1:02:28.20	-05:56:08.0	B1950.00	1.215	179.8	01:26:44.7	299.8	V	Harris	5	1 x 1
124843	0102-0556 V	1:02:28.20	-05:56:08.0	B1950.00	1.215	179.8	01:26:44.7	299.8	V	Harris	3	1 x 1
124844	0102-0556 V	1:02:28.20	-05:56:08.0	B1950.00	1.215	179.8	01:26:44.7	299.8	V	Harris	4	1 x 1
124849	0207-0211 I	2:07:39.60	-02:11:47.0	B1950.00	1.214	179.8	01:42:18.7	299.8	I	INT-WFC	1	1 x 1
124850	0207-0211 I	2:07:39.60	-02:11:47.0	B1950.00	1.214	179.8	01:42:18.7	299.8	I	INT-WFC	5	1 x 1
124851	0207-0211 I	2:07:39.60	-02:11:47.0	B1950.00	1.214	179.8	01:42:18.7	299.8	I	INT-WFC	3	1 x 1
124852	0207-0211 I	2:07:39.60	-02:11:47.0	B1950.00	1.214	179.8	01:42:18.7	299.8	I	INT-WFC	4	1 x 1
124853	0207-0211 I	2:07:39.60	-02:11:46.9	B1950.00	1.202	179.8	01:50:14.9	299.8	I	INT-WFC	1	1 x 1
124854	0207-0211 I	2:07:39.60	-02:11:46.9	B1950.00	1.202	179.8	01:50:14.9	299.8	I	INT-WFC	5	1 x 1
124855	0207-0211 I	2:07:39.60	-02:11:46.9	B1950.00	1.202	179.8	01:50:14.9	299.8	I	INT-WFC	3	1 x 1
124856	0207-0211 I	2:07:39.60	-02:11:46.9	B1950.00	1.202	179.8	01:50:14.9	299.8	I	INT-WFC	4	1 x 1
124857	0207-0211 I	2:07:39.60	-02:11:47.0	B1950.00	1.192	179.8	01:58:11.5	299.8	I	INT-WFC	1	1 x 1
124858	0207-0211 I	2:07:39.60	-02:11:47.0	B1950.00	1.192	179.8	01:58:11.5	299.8	I	INT-WFC	5	1 x 1
124859	0207-0211 I	2:07:39.60	-02:11:47.0	B1950.00	1.192	179.8	01:58:11.5	299.8	I	INT-WFC	3	1 x 1
124860	0207-0211 I	2:07:39.60	-02:11:47.0	B1950.00	1.192	179.8	01:58:11.5	299.8	I	INT-WFC	4	1 x 1
124861	0207-0211 V	2:07:39.60	-02:11:46.9	B1950.00	1.183	179.8	02:06:20.5	299.8	V	Harris	1	1 x 1
124862	0207-0211 V	2:07:39.60	-02:11:46.9	B1950.00	1.183	179.8	02:06:20.5	299.8	V	Harris	5	1 x 1
124863	0207-0211 V	2:07:39.60	-02:11:46.9	B1950.00	1.183	179.8	02:06:20.5	299.8	V	Harris	3	1 x 1
124864	0207-0211 V	2:07:39.60	-02:11:46.9	B1950.00	1.183	179.8	02:06:20.5	299.8	V	Harris	4	1 x 1
124865	0207-0211 V	2:07:39.59	-02:11:47.0	B1950.00	1.176	179.8	02:14:16.3	299.8	V	Harris	1	1 x 1
124866	0207-0211 V	2:07:39.59	-02:11:47.0	B1950.00	1.176	179.8	02:14:16.3	299.8	V	Harris	5	1 x 1
124867	0207-0211 V	2:07:39.59	-02:11:47.0	B1950.00	1.176	179.8	02:14:16.3	299.8	V	Harris	3	1 x 1
124868	0207-0211 V	2:07:39.59	-02:11:47.0	B1950.00	1.176	179.8	02:14:16.3	299.8	V	Harris	4	1 x 1
124869	0207-0211 V	2:07:39.59	-02:11:47.0	B1950.00	1.171	179.8	02:22:12.3	299.7	V	Harris	1	1 x 1
124870	0207-0211 V	2:07:39.59	-02:11:47.0	B1950.00	1.171	179.8	02:22:12.3	299.7	V	Harris	5	1 x 1
124871	0207-0211 V	2:07:39.59	-02:11:47.0	B1950.00	1.171	179.8	02:22:12.3	299.7	V	Harris	3	1 x 1
124872	0207-0211 V	2:07:39.59	-02:11:47.0	B1950.00	1.171	179.8	02:22:12.3	299.7	V	Harris	4	1 x 1
124873	Focus run	0:54:59.99	+00:45:27.8	J2000.00	1.169	179.8	02:34:03.2	10.1	V	Harris	1	1 x 1
124874	Focus run	0:54:59.99	+00:45:27.8	J2000.00	1.169	179.8	02:34:03.2	10.1	V	Harris	5	1 x 1
124875	Focus run	0:54:59.99	+00:45:27.8	J2000.00	1.169	179.8	02:34:03.2	10.1	V	Harris	3	1 x 1
124876	Focus run	0:54:59.99	+00:45:27.8	J2000.00	1.169	179.8	02:34:03.2	10.1	V	Harris	4	1 x 1
124877	sa92-335 V	0:55:00.00	+00:44:12.9	J2000.00	1.179	179.8	02:40:26.6	10.1	V	Harris	1	1 x 1
124878	sa92-335 V	0:55:00.00	+00:44:12.9	J2000.00	1.179	179.8	02:40:26.6	10.1	V	Harris	5	1 x 1
124879	sa92-335 V	0:55:00.00	+00:44:12.9	J2000.00	1.179	179.8	02:40:26.6	10.1	V	Harris	3	1 x 1
124880	sa92-335 V	0:55:00.00	+00:44:12.9	J2000.00	1.179	179.8	02:40:26.6	10.1	V	Harris	4	1 x 1

124881	sa92-335	R	0:55:00.00	+00:44:13.0	J2000.00	1.184	179.8	02:43:42.4	10.1	R	Harris	1	1 x 1
124882	sa92-335	R	0:55:00.00	+00:44:13.0	J2000.00	1.184	179.8	02:43:42.4	10.1	R	Harris	5	1 x 1
124883	sa92-335	R	0:55:00.00	+00:44:13.0	J2000.00	1.184	179.8	02:43:42.4	10.1	R	Harris	3	1 x 1
124884	sa92-335	R	0:55:00.00	+00:44:13.0	J2000.00	1.184	179.8	02:43:42.4	10.1	R	Harris	4	1 x 1
124885	sa92-335	I	0:54:59.99	+00:44:12.9	J2000.00	1.189	179.8	02:46:55.4	9.6	I	INT-WFC	1	1 x 1
124886	sa92-335	I	0:54:59.99	+00:44:12.9	J2000.00	1.189	179.8	02:46:55.4	9.6	I	INT-WFC	5	1 x 1
124887	sa92-335	I	0:54:59.99	+00:44:12.9	J2000.00	1.189	179.8	02:46:55.4	9.6	I	INT-WFC	3	1 x 1
124888	sa92-335	I	0:54:59.99	+00:44:12.9	J2000.00	1.189	179.8	02:46:55.4	9.6	I	INT-WFC	4	1 x 1
124889	0217+0056	I	2:17:49.00	+00:56:57.0	B1950.00	1.128	179.8	02:53:46.9	299.8	I	INT-WFC	1	1 x 1
124890	0217+0056	I	2:17:49.00	+00:56:57.0	B1950.00	1.128	179.8	02:53:46.9	299.8	I	INT-WFC	5	1 x 1
124891	0217+0056	I	2:17:49.00	+00:56:57.0	B1950.00	1.128	179.8	02:53:46.9	299.8	I	INT-WFC	3	1 x 1
124892	0217+0056	I	2:17:49.00	+00:56:57.0	B1950.00	1.128	179.8	02:53:46.9	299.8	I	INT-WFC	4	1 x 1
124893	0217+0056	I	2:17:49.00	+00:56:56.9	B1950.00	1.128	179.8	03:01:42.3	299.8	I	INT-WFC	1	1 x 1
124894	0217+0056	I	2:17:49.00	+00:56:56.9	B1950.00	1.128	179.8	03:01:42.3	299.8	I	INT-WFC	5	1 x 1
124895	0217+0056	I	2:17:49.00	+00:56:56.9	B1950.00	1.128	179.8	03:01:42.3	299.8	I	INT-WFC	3	1 x 1
124896	0217+0056	I	2:17:49.00	+00:56:56.9	B1950.00	1.128	179.8	03:01:42.3	299.8	I	INT-WFC	4	1 x 1
124897	0217+0056	I	2:17:49.00	+00:56:57.0	B1950.00	1.129	179.8	03:09:37.7	299.8	I	INT-WFC	1	1 x 1
124898	0217+0056	I	2:17:49.00	+00:56:57.0	B1950.00	1.129	179.8	03:09:37.7	299.8	I	INT-WFC	5	1 x 1
124899	0217+0056	I	2:17:49.00	+00:56:57.0	B1950.00	1.129	179.8	03:09:37.7	299.8	I	INT-WFC	3	1 x 1
124900	0217+0056	I	2:17:49.00	+00:56:57.0	B1950.00	1.129	179.8	03:09:37.7	299.8	I	INT-WFC	4	1 x 1
124901	0217+0056	V	2:17:49.00	+00:56:57.0	B1950.00	1.132	179.8	03:17:46.5	299.8	V	Harris	1	1 x 1
124902	0217+0056	V	2:17:49.00	+00:56:57.0	B1950.00	1.132	179.8	03:17:46.5	299.8	V	Harris	5	1 x 1
124903	0217+0056	V	2:17:49.00	+00:56:57.0	B1950.00	1.132	179.8	03:17:46.5	299.8	V	Harris	3	1 x 1
124904	0217+0056	V	2:17:49.00	+00:56:57.0	B1950.00	1.132	179.8	03:17:46.5	299.8	V	Harris	4	1 x 1
124905	0217+0056	V	2:17:49.00	+00:56:56.9	B1950.00	1.136	179.8	03:26:03.4	299.3	V	Harris	1	1 x 1
124906	0217+0056	V	2:17:49.00	+00:56:56.9	B1950.00	1.136	179.8	03:26:03.4	299.3	V	Harris	5	1 x 1
124907	0217+0056	V	2:17:49.00	+00:56:56.9	B1950.00	1.136	179.8	03:26:03.4	299.3	V	Harris	3	1 x 1
124908	0217+0056	V	2:17:49.00	+00:56:56.9	B1950.00	1.136	179.8	03:26:03.4	299.3	V	Harris	4	1 x 1
124909	0217+0056	V	2:17:49.00	+00:56:56.9	B1950.00	1.141	179.8	03:33:59.6	299.3	V	Harris	1	1 x 1
124910	0217+0056	V	2:17:49.00	+00:56:56.9	B1950.00	1.141	179.8	03:33:59.6	299.3	V	Harris	5	1 x 1
124911	0217+0056	V	2:17:49.00	+00:56:56.9	B1950.00	1.141	179.8	03:33:59.6	299.3	V	Harris	3	1 x 1
124912	0217+0056	V	2:17:49.00	+00:56:56.9	B1950.00	1.141	179.8	03:33:59.6	299.3	V	Harris	4	1 x 1
124913	0217+0056	V	2:17:49.00	+00:56:57.0	B1950.00	1.151	179.8	03:44:20.1	299.8	V	Harris	1	1 x 1
124914	0217+0056	V	2:17:49.00	+00:56:57.0	B1950.00	1.151	179.8	03:44:20.1	299.8	V	Harris	5	1 x 1
124915	0217+0056	V	2:17:49.00	+00:56:57.0	B1950.00	1.151	179.8	03:44:20.1	299.8	V	Harris	3	1 x 1
124916	0217+0056	V	2:17:49.00	+00:56:57.0	B1950.00	1.151	179.8	03:44:20.1	299.8	V	Harris	4	1 x 1
124917	Pal2	V	4:42:53.70	+31:17:27.2	B1950.00	1.062	179.8	03:53:40.8	298.3	V	Harris	1	1 x 1
124918	Pal2	V	4:42:53.70	+31:17:27.2	B1950.00	1.062	179.8	03:53:40.8	298.3	V	Harris	5	1 x 1
124919	Pal2	V	4:42:53.70	+31:17:27.2	B1950.00	1.062	179.8	03:53:40.8	298.3	V	Harris	3	1 x 1
124920	Pal2	V	4:42:53.70	+31:17:27.2	B1950.00	1.062	179.8	03:53:40.8	298.3	V	Harris	4	1 x 1
124921	Pal2	V	4:42:53.70	+31:17:26.9	B1950.00	1.051	179.8	04:01:58.2	299.8	V	Harris	1	1 x 1
124922	Pal2	V	4:42:53.70	+31:17:26.9	B1950.00	1.051	179.8	04:01:58.2	299.8	V	Harris	5	1 x 1
124923	Pal2	V	4:42:53.70	+31:17:26.9	B1950.00	1.051	179.8	04:01:58.2	299.8	V	Harris	3	1 x 1
124924	Pal2	V	4:42:53.70	+31:17:26.9	B1950.00	1.051	179.8	04:01:58.2	299.8	V	Harris	4	1 x 1
124925	Pal2	V	4:42:53.70	+31:17:26.9	B1950.00	1.042	179.8	04:09:54.5	299.7	V	Harris	1	1 x 1
124926	Pal2	V	4:42:53.70	+31:17:26.9	B1950.00	1.042	179.8	04:09:54.5	299.7	V	Harris	5	1 x 1
124927	Pal2	V	4:42:53.70	+31:17:26.9	B1950.00	1.042	179.8	04:09:54.5	299.7	V	Harris	3	1 x 1
124928	Pal2	V	4:42:53.70	+31:17:26.9	B1950.00	1.042	179.8	04:09:54.5	299.7	V	Harris	4	1 x 1
124929	Pal2	I	4:42:53.69	+31:17:27.0	B1950.00	1.033	179.8	04:18:03.1	299.8	I	INT-WFC	1	1 x 1
124930	Pal2	I	4:42:53.69	+31:17:27.0	B1950.00	1.033	179.8	04:18:03.1	299.8	I	INT-WFC	5	1 x 1
124931	Pal2	I	4:42:53.69	+31:17:27.0	B1950.00	1.033	179.8	04:18:03.1	299.8	I	INT-WFC	3	1 x 1
124932	Pal2	I	4:42:53.69	+31:17:27.0	B1950.00	1.033	179.8	04:18:03.1	299.8	I	INT-WFC	4	1 x 1
124933	Pal2	I	4:42:53.70	+31:17:27.0	B1950.00	1.026	179.8	04:25:58.7	299.7	I	INT-WFC	1	1 x 1
124934	Pal2	I	4:42:53.70	+31:17:27.0	B1950.00	1.026	179.8	04:25:58.7	299.7	I	INT-WFC	5	1 x 1
124935	Pal2	I	4:42:53.70	+31:17:27.0	B1950.00	1.026	179.8	04:25:58.7	299.7	I	INT-WFC	3	1 x 1
124936	Pal2	I	4:42:53.70	+31:17:27.0	B1950.00	1.026	179.8	04:25:58.7	299.7	I	INT-WFC	4	1 x 1
124937	Pal2	I	4:42:53.70	+31:17:26.9	B1950.00	1.019	179.8	04:33:54.8	299.9	I	INT-WFC	1	1 x 1
124938	Pal2	I	4:42:53.70	+31:17:26.9	B1950.00	1.019	179.8	04:33:54.8	299.9	I	INT-WFC	5	1 x 1
124939	Pal2	I	4:42:53.70	+31:17:26.9	B1950.00	1.019	179.8	04:33:54.8	299.9	I	INT-WFC	3	1 x 1
124940	Pal2	I	4:42:53.70	+31:17:26.9	B1950.00	1.019	179.8	04:33:54.8	299.9	I	INT-WFC	4	1 x 1
124941	Pal2	I	4:42:53.69	+31:17:26.9	B1950.00	1.013	179.8	04:43:21.6	298.8	I	INT-WFC	1	1 x 1
124942	Pal2	I	4:42:53.69	+31:17:26.9	B1950.00	1.013	179.8	04:43:21.6	298.8	I	INT-WFC	5	1 x 1

124943	Pal2	I	4:42:53.69	+31:17:26.9	B1950.00	1.013	179.8	04:43:21.6	298.8	I	INT-WFC	3	1 x 1	
124944	Pal2	I	4:42:53.69	+31:17:26.9	B1950.00	1.013	179.8	04:43:21.6	298.8	I	INT-WFC	4	1 x 1	
124945	Pal2	V	4:42:53.69	+31:17:26.9	B1950.00	1.004	179.8	05:03:03.5	299.8	V	Harris	1	1 x 1	
124946	Pal2	V	4:42:53.69	+31:17:26.9	B1950.00	1.004	179.8	05:03:03.5	299.8	V	Harris	5	1 x 1	
124947	Pal2	V	4:42:53.69	+31:17:26.9	B1950.00	1.004	179.8	05:03:03.5	299.8	V	Harris	3	1 x 1	
124948	Pal2	V	4:42:53.69	+31:17:26.9	B1950.00	1.004	179.8	05:03:03.5	299.8	V	Harris	4	1 x 1	
124949	Pal2	I	4:42:53.69	+31:17:27.1	B1950.00	1.002	179.8	05:11:35.9	299.9	I	INT-WFC	1	1 x 1	Filter added
124950	Pal2	I	4:42:53.69	+31:17:27.1	B1950.00	1.002	179.8	05:11:35.9	299.9	I	INT-WFC	5	1 x 1	Filter added
124951	Pal2	I	4:42:53.69	+31:17:27.1	B1950.00	1.002	179.8	05:11:35.9	299.9	I	INT-WFC	3	1 x 1	Filter added
124952	Pal2	I	4:42:53.69	+31:17:27.1	B1950.00	1.002	179.8	05:11:35.9	299.9	I	INT-WFC	4	1 x 1	Filter added
124953	N2419	I	7:34:45.50	+38:59:43.9	B1950.00	1.257	179.8	05:20:53.9	299.8	I	INT-WFC	1	1 x 1	Filter added
124954	N2419	I	7:34:45.50	+38:59:43.9	B1950.00	1.257	179.8	05:20:53.9	299.8	I	INT-WFC	5	1 x 1	Filter added
124955	N2419	I	7:34:45.50	+38:59:43.9	B1950.00	1.257	179.8	05:20:53.9	299.8	I	INT-WFC	3	1 x 1	Filter added
124956	N2419	I	7:34:45.50	+38:59:43.9	B1950.00	1.257	179.8	05:20:53.9	299.8	I	INT-WFC	4	1 x 1	Filter added
124957	N2419	V	7:34:45.50	+38:59:44.0	B1950.00	1.231	179.8	05:29:20.0	299.8	V	Harris	1	1 x 1	
124958	N2419	V	7:34:45.50	+38:59:44.0	B1950.00	1.231	179.8	05:29:20.0	299.8	V	Harris	5	1 x 1	
124959	N2419	V	7:34:45.50	+38:59:44.0	B1950.00	1.231	179.8	05:29:20.0	299.8	V	Harris	3	1 x 1	
124960	N2419	V	7:34:45.50	+38:59:44.0	B1950.00	1.231	179.8	05:29:20.0	299.8	V	Harris	4	1 x 1	
124961	N2419	V	7:34:45.50	+38:59:44.0	B1950.00	1.208	179.8	05:37:21.6	299.2	V	Harris	1	1 x 1	
124962	N2419	V	7:34:45.50	+38:59:44.0	B1950.00	1.208	179.8	05:37:21.6	299.2	V	Harris	5	1 x 1	
124963	N2419	V	7:34:45.50	+38:59:44.0	B1950.00	1.208	179.8	05:37:21.6	299.2	V	Harris	3	1 x 1	
124964	N2419	V	7:34:45.50	+38:59:44.0	B1950.00	1.208	179.8	05:37:21.6	299.2	V	Harris	4	1 x 1	
124965	N2419	V	7:34:45.50	+38:59:44.0	B1950.00	1.187	179.8	05:45:19.4	299.8	V	Harris	1	1 x 1	
124966	N2419	V	7:34:45.50	+38:59:44.0	B1950.00	1.187	179.8	05:45:19.4	299.8	V	Harris	5	1 x 1	
124967	N2419	V	7:34:45.50	+38:59:44.0	B1950.00	1.187	179.8	05:45:19.4	299.8	V	Harris	3	1 x 1	
124968	N2419	V	7:34:45.50	+38:59:44.0	B1950.00	1.187	179.8	05:45:19.4	299.8	V	Harris	4	1 x 1	
124973	N2419	I	7:34:45.50	+38:59:43.9	B1950.00	1.160	179.8	05:56:08.6	299.2	I	INT-WFC	1	1 x 1	Filter added
124974	N2419	I	7:34:45.50	+38:59:43.9	B1950.00	1.160	179.8	05:56:08.6	299.2	I	INT-WFC	5	1 x 1	Filter added
124975	N2419	I	7:34:45.50	+38:59:43.9	B1950.00	1.160	179.8	05:56:08.6	299.2	I	INT-WFC	3	1 x 1	Filter added
124976	N2419	I	7:34:45.50	+38:59:43.9	B1950.00	1.160	179.8	05:56:08.6	299.2	I	INT-WFC	4	1 x 1	Filter added