INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:             INT
DATE:                  1998 AUG 24/25
INT TAPE NR:           INTD 3763-3764
OBSERVER:              G. Dalton, J. Booth, E. Gaztanaga
PROGRAMME:             Oxford WFC Survey
PATT/CAT:              WFS 16
TELESCOPE OPERATOR:    M. Asif
SUPPORT ASTRONOMER:    -

FOCUS:                 Prime
INSTRUMENT:            WFC
FILTER WHEEL (PF):     U,Z,V,B(KP),R,I
CAMERA (IDS):          -
COLLIMATOR (IDS):      -
COLL. FOCUS (IDS):     -
GRATING (IDS):         -
DETECTOR:              WFC
PIXELS:                4x2048x4200
PIXEL SIZE (microns): 13.5
WINDOW:                Xstart=0, Xsize=2048, Ystart=0, Ysize=4200
BINNING:               in X=1, in Y=1

WEATHER:               GOOD,WINDY
OUTSIDE TEMP (deg C):   13.9            (FIRST HALF)
OUTSIDE TEMP (deg C):   13.5            (SECOND HALF)
HUMIDITY (%):           6               (FIRST HALF)
HUMIDITY (%):           5              (SECOND HALF)
CLOUD COVER (%):         0              (FIRST HALF)
CLOUD COVER (%):         0              (SECOND HALF)
DUST (0 - 2):            1              (FIRST HALF)
DUST (0 - 2):            1              (SECOND HALF)
SEEING (arcsec):         1.2            (FIRST HALF)
SEEING (arcsec):         1.2            (SECOND HALF)
AV. SEEING (arcsec):     1.2
NO. SEEING MEASURES:     0

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

DARK HOURS:            08:18
DOME OPEN (UTC):       19:15
MOON PHASE (D/G/B):        D
DK HRS LOST (WEATHER):00:00
DK HRS LOST (TELESC): 00:30
DK HRS LOST (DOME):    00:00
DK HRS LOST (INSTR.): 00:00
DK HRS LOST (DET.):    00:00
DK HRS LOST (COMPS.): 00:15
DK HRS LOST (A&G):     01:00
DK HRS LOST (OTHER):   00:00

COMMENTS:
1hr lost to autoguider probs. 30m lost to Telescope probs, 15m lost to aborted runs.
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Run no. Object name              RA         Dec.     Equinox    AM    PA     UT       Exp. T.   Filter      Psys Channel  Binning Comments
 117472 Bias frame           0:00:00.00 +00:00:00.0 A        1.534  -0.1 11:21:05.2      0.0        B              1      1 x 1
 117473 Bias frame           0:00:00.00 +00:00:00.0 A        1.534  -0.1 11:21:05.2      0.0        B              5      1 x 1
 117474 Bias frame           0:00:00.00 +00:00:00.0 A        1.534  -0.1 11:21:05.2      0.0        B              3      1 x 1
 117475 Bias frame           0:00:00.00 +00:00:00.0 A        1.534  -0.1 11:21:05.2      0.0        B              4      1 x 1
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117476	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	13:23:54.1	0.0	R	Harris	1	1 x 1
117477	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	13:23:54.1	0.0	R	Harris	5	1 x 1
117478	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	13:23:54.1	0.0	R	Harris	3	1 x 1
117479	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	13:23:54.1	0.0	R	Harris	4	1 x 1
117480		9:00:00.00	+46:01:45.0	A	1.153	-0.1	14:07:21.6	5.1	V	Harris	1	1 x 1
117481	Focus run	9:00:00.00	+46:01:45.0	A	1.153	-0.1	14:07:21.6	5.1	V	Harris	5	1 x 1
117482	Focus run	9:00:00.00	+46:01:45.0	A	1.153	-0.1	14:07:21.6	5.1	V	Harris	3	1 x 1
117483		9:00:00.00	+46:01:45.0	A	1.153	-0.1	14:07:21.6	5.1	V	Harris	4	1 x 1
117484	Bias frame	9:00:00.00	+46:03:30.1	A	1.172	-0.1	14:15:14.5	0.0	V	Harris	1	1 x 1
117485	Bias frame	9:00:00.00	+46:03:30.1	A	1.172	-0.1	14:15:14.5	0.0	V	Harris	5	1 x 1
117486	Bias frame	9:00:00.00	+46:03:30.1	A	1.172	-0.1	14:15:14.5	0.0	V	Harris	3	1 x 1
117487	Bias frame	9:00:00.00	+46:03:30.1	A	1.172	-0.1	14:15:14.5	0.0	V	Harris	4	1 x 1
117488	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:15:28.6	0.0	V	Harris	1	1 x 1
117489	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:15:28.6	0.0	V	Harris	5	1 x 1
117490	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:15:28.6	0.0	V	Harris	3	1 x 1
117491	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:15:28.6	0.0	V	Harris	4	1 x 1
117492	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:18:09.1	0.0	V	Harris	1	1 x 1
117493	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:18:09.1	0.0	V	Harris	5	1 x 1
117494	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:18:09.1	0.0	V	Harris	3	1 x 1
117495	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:18:09.1	0.0	V	Harris	4	1 x 1
117496	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:20:50.1	0.0	V	Harris	1	1 x 1
117497	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:20:50.1	0.0	V	Harris	5	1 x 1
117498	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:20:50.1	0.0	V	Harris	3	1 x 1
117499	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:20:50.1	0.0	V	Harris	4	1 x 1
117500	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:23:29.3	0.0	V	Harris	1	1 x 1
117501	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:23:29.3	0.0	V	Harris	5	1 x 1
117502	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:23:29.3	0.0	V	Harris	3	1 x 1
117503	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:23:29.3	0.0	V	Harris	4	1 x 1
117504	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:26:08.6	0.0	V	Harris	1	1 x 1
117505	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:26:08.6	0.0	V	Harris	5	1 x 1
117506	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:26:08.6	0.0	V	Harris	3	1 x 1
117507	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:26:08.6	0.0	V	Harris	4	1 x 1
117508	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:28:47.5	0.0	V	Harris	1	1 x 1
117509	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:28:47.5	0.0	V	Harris	5	1 x 1
117510	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:28:47.5	0.0	V	Harris	3	1 x 1
117511	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:28:47.5	0.0	V	Harris	4	1 x 1
117512	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:31:27.3	0.0	V	Harris	1	1 x 1
117513	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:31:27.3	0.0	V	Harris	5	1 x 1
117514	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:31:27.3	0.0	V	Harris	3	1 x 1
117515	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:31:27.3	0.0	V	Harris	4	1 x 1
117516	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:34:05.8	0.0	V	Harris	1	1 x 1
117517	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:34:05.8	0.0	V	Harris	5	1 x 1
117518	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:34:05.8	0.0	V	Harris	3	1 x 1
117519	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:34:05.8	0.0	V	Harris	4	1 x 1
117520	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:36:44.9	0.0	V	Harris	1	1 x 1
117521	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:36:44.9	0.0	V	Harris	5	1 x 1
117522	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:36:44.9	0.0	V	Harris	3	1 x 1
117523	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:36:44.9	0.0	V	Harris	4	1 x 1
117524	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:39:25.0	0.0	V	Harris	1	1 x 1
117525	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:39:25.0	0.0	V	Harris	5	1 x 1
117526	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:39:25.0	0.0	V	Harris	3	1 x 1
117527	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	15:39:25.0	0.0	V	Harris	4	1 x 1
117528	Dark frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	16:21:29.4	1000.0	V	Harris	1	1 x 1
117529	Dark frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	16:21:29.4	1000.0	V	Harris	5	1 x 1
117530	Dark frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	16:21:29.4	1000.0	V	Harris	3	1 x 1
117531	Dark frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	16:21:29.4	1000.0	V	Harris	4	1 x 1
117532	Dark frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	16:40:50.0	1000.0	z	Gunn	1	1 x 1
117533	Dark frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	16:40:50.0	1000.0	z	Gunn	5	1 x 1
117534	Dark frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	16:40:50.0	1000.0	z	Gunn	3	1 x 1
117535	Dark frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	16:40:50.0	1000.0	z	Gunn	4	1 x 1
117536	Dark frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	17:00:10.7	1000.0	z	Gunn	1	1 x 1
117537	Dark frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	17:00:10.7	1000.0	z	Gunn	5	1 x 1

117538	Dark frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	17:00:10.7	1000.0	z	Gunn	3	1 x 1
117539	Dark frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	17:00:10.7	1000.0	z	Gunn	4	1 x 1
117540	Dark frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	17:19:31.8	1000.0	z	Gunn	1	1 x 1
117541	Dark frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	17:19:31.8	1000.0	z	Gunn	5	1 x 1
117542	Dark frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	17:19:31.8	1000.0	z	Gunn	3	1 x 1
117543	Dark frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	17:19:31.8	1000.0	z	Gunn	4	1 x 1
117544	Dark frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	17:38:50.7	1000.0	z	Gunn	1	1 x 1
117545	Dark frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	17:38:50.7	1000.0	z	Gunn	5	1 x 1
117546	Dark frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	17:38:50.7	1000.0	z	Gunn	3	1 x 1
117547	Dark frame	0:00:00.00	+00:00:00.0	A	1.000	-0.1	17:38:50.7	1000.0	z	Gunn	4	1 x 1
117552	UFlat	13:04:35.30	+29:51:18.9	B1950.00	1.551	180.0	19:58:00.5	2.7	U	RGO	1	1 x 1
117553	UFlat	13:04:35.30	+29:51:18.9	B1950.00	1.551	180.0	19:58:00.5	2.7	U	RGO	5	1 x 1
117554	UFlat	13:04:35.30	+29:51:18.9	B1950.00	1.551	180.0	19:58:00.5	2.7	U	RGO	3	1 x 1
117555	UFlat	13:04:35.30	+29:51:18.9	B1950.00	1.551	180.0	19:58:00.5	2.7	U	RGO	4	1 x 1
117556	UFlat	13:04:33.38	+29:50:49.0	B1950.00	1.582	180.0	20:02:24.0	3.1	U	RGO	1	1 x 1
117557	UFlat	13:04:33.38	+29:50:49.0	B1950.00	1.582	180.0	20:02:24.0	3.1	U	RGO	5	1 x 1
117558	UFlat	13:04:33.38	+29:50:49.0	B1950.00	1.582	180.0	20:02:24.0	3.1	U	RGO	3	1 x 1
117559	UFlat	13:04:33.38	+29:50:49.0	B1950.00	1.582	180.0	20:02:24.0	3.1	U	RGO	4	1 x 1
117560	UFlat	13:04:33.23	+29:50:48.9	B1950.00	1.605	180.0	20:05:32.7	8.1	U	RGO	1	1 x 1
117561	UFlat	13:04:33.23	+29:50:48.9	B1950.00	1.605	180.0	20:05:32.7	8.1	U	RGO	5	1 x 1
117562	UFlat	13:04:33.23	+29:50:48.9	B1950.00	1.605	180.0	20:05:32.7	8.1	U	RGO	3	1 x 1
117563	UFlat	13:04:33.23	+29:50:48.9	B1950.00	1.605	180.0	20:05:32.7	8.1	U	RGO	4	1 x 1
117564	BFlat	13:04:33.21	+29:50:52.0	B1950.00	1.631	180.0	20:09:02.5	1.1	B		1	1 x 1
117565	BFlat	13:04:33.21	+29:50:52.0	B1950.00	1.631	180.0	20:09:02.5	1.1	B		5	1 x 1
117566	BFlat	13:04:33.21	+29:50:52.0	B1950.00	1.631	180.0	20:09:02.5	1.1	B		3	1 x 1
117567	BFlat	13:04:33.21	+29:50:52.0	B1950.00	1.631	180.0	20:09:02.5	1.1	B		4	1 x 1
117568	BFlat	13:04:33.23	+29:50:52.0	B1950.00	1.657	180.0	20:12:20.2	5.1	B		1	1 x 1
117569	BFlat	13:04:33.23	+29:50:52.0	B1950.00	1.657	180.0	20:12:20.2	5.1	B		5	1 x 1
117570	BFlat	13:04:33.23	+29:50:52.0	B1950.00	1.657	180.0	20:12:20.2	5.1	B		3	1 x 1
117571	BFlat	13:04:33.23	+29:50:52.0	B1950.00	1.657	180.0	20:12:20.2	5.1	B		4	1 x 1
117572	BFlat	0:00:00.00	+00:00:00.0	B1950.00	1.695	180.0	20:16:51.7	15.1	B		1	1 x 1
117573	BFlat	0:00:00.00	+00:00:00.0	B1950.00	1.695	180.0	20:16:51.7	15.1	B		5	1 x 1
117574	BFlat	0:00:00.00	+00:00:00.0	B1950.00	1.695	180.0	20:16:51.7	15.1	B		3	1 x 1
117575	BFlat	0:00:00.00	+00:00:00.0	B1950.00	1.695	180.0	20:16:51.7	15.1	B		4	1 x 1
117576	RFlat	0:00:00.00	+00:00:00.0	B1950.00	1.741	180.0	20:22:07.7	10.1	R	Harris	1	1 x 1
117577	RFlat	0:00:00.00	+00:00:00.0	B1950.00	1.741	180.0	20:22:07.7	10.1	R	Harris	5	1 x 1
117578	RFlat	0:00:00.00	+00:00:00.0	B1950.00	1.741	180.0	20:22:07.7	10.1	R	Harris	3	1 x 1
117579	RFlat	0:00:00.00	+00:00:00.0	B1950.00	1.741	180.0	20:22:07.7	10.1	R	Harris	4	1 x 1
117580	RFlat	0:00:00.00	+00:00:00.0	B1950.00	1.773	180.0	20:25:26.7	30.1	R	Harris	1	1 x 1
117581	RFlat	0:00:00.00	+00:00:00.0	B1950.00	1.773	180.0	20:25:26.7	30.1	R	Harris	5	1 x 1
117582	RFlat	0:00:00.00	+00:00:00.0	B1950.00	1.773	180.0	20:25:26.7	30.1	R	Harris	3	1 x 1
117583	RFlat	0:00:00.00	+00:00:00.0	B1950.00	1.773	180.0	20:25:26.7	30.1	R	Harris	4	1 x 1
117584	RFlat	6:32:16.61	+14:55:25.9	B1950.00	1.833	180.0	20:31:18.4	60.1	R	Harris	1	1 x 1
117585	RFlat	6:32:16.61	+14:55:25.9	B1950.00	1.833	180.0	20:31:18.4	60.1	R	Harris	5	1 x 1
117586	RFlat	6:32:16.61	+14:55:25.9	B1950.00	1.833	180.0	20:31:18.4	60.1	R	Harris	3	1 x 1
117587	RFlat	6:32:16.61	+14:55:25.9	B1950.00	1.833	180.0	20:31:18.4	60.1	R	Harris	4	1 x 1
117588	Focus run	18:42:45.00	+00:09:49.0	J2000.00	1.177	180.0	20:45:12.9	5.1	R	Harris	1	1 x 1
117589	Focus run	18:42:45.00	+00:09:49.0	J2000.00	1.177	180.0	20:45:12.9	5.1	R	Harris	5	1 x 1
117590	Focus run	18:42:45.00	+00:09:49.0	J2000.00	1.177	180.0	20:45:12.9	5.1	R	Harris	3	1 x 1
117591	Focus run	18:42:45.00	+00:09:49.0	J2000.00	1.177	180.0	20:45:12.9	5.1	R	Harris	4	1 x 1
117592		18:42:44.99	+00:09:49.0	J2000.00	1.156	180.0	21:04:16.8	5.1	R	Harris	1	1 x 1
117593	Focus run	18:42:44.99	+00:09:49.0	J2000.00	1.156	180.0	21:04:16.8	5.1	R	Harris	5	1 x 1
117594	Focus run	18:42:44.99	+00:09:49.0	J2000.00	1.156	180.0	21:04:16.8	5.1	R	Harris	3	1 x 1
117595		18:42:44.99	+00:09:49.0	J2000.00	1.156	180.0	21:04:16.8	5.1	R	Harris	4	1 x 1
117596	110-361R	18:42:45.00	+00:08:04.0	J2000.00	1.151	180.0	21:08:37.4	10.1	R	Harris	1	1 x 1
117597	110-361R	18:42:45.00	+00:08:04.0	J2000.00	1.151	180.0	21:08:37.4	10.1	R	Harris	5	1 x 1
117598	110-361R	18:42:45.00	+00:08:04.0	J2000.00	1.151	180.0	21:08:37.4	10.1	R	Harris	3	1 x 1
117599	110-361R	18:42:45.00	+00:08:04.0	J2000.00	1.151	180.0	21:08:37.4	10.1	R	Harris	4	1 x 1
117600	110-361V	18:42:45.00	+00:08:03.9	J2000.00	1.149	180.0	21:11:33.3	10.1	V	Harris	1	1 x 1
117601	110-361V	18:42:45.00	+00:08:03.9	J2000.00	1.149	180.0	21:11:33.3	10.1	V	Harris	5	1 x 1
117602	110-361V	18:42:45.00	+00:08:03.9	J2000.00	1.149	180.0	21:11:33.3	10.1	V	Harris	3	1 x 1
117603	110-361V	18:42:45.00	+00:08:03.9	J2000.00	1.149	180.0	21:11:33.3	10.1	V	Harris	4	1 x 1

117604	110-361B	18:42:45.00	+00:08:04.0	J2000.00	1.147	180.0	21:14:31.0	10.1	B		1	1 x 1
117605	110-361B	18:42:45.00	+00:08:04.0	J2000.00	1.147	180.0	21:14:31.0	10.1	B		5	1 x 1
117606	110-361B	18:42:45.00	+00:08:04.0	J2000.00	1.147	180.0	21:14:31.0	10.1	B		3	1 x 1
117607	110-361B	18:42:45.00	+00:08:04.0	J2000.00	1.147	180.0	21:14:31.0	10.1	B		4	1 x 1
117608	110-361U	18:42:45.00	+00:08:04.0	J2000.00	1.146	180.0	21:17:23.5	18.0	U	RGO	1	1 x 1
117609	110-361U	18:42:45.00	+00:08:04.0	J2000.00	1.146	180.0	21:17:23.5	18.0	U	RGO	5	1 x 1
117610	110-361U	18:42:45.00	+00:08:04.0	J2000.00	1.146	180.0	21:17:23.5	18.0	U	RGO	3	1 x 1
117611	110-361U	18:42:45.00	+00:08:04.0	J2000.00	1.146	180.0	21:17:23.5	18.0	U	RGO	4	1 x 1
117616	J015 V	16:37:29.83	+46:45:54.8	J2000.00	1.139	180.0	21:23:20.4	999.0	V	Harris	1	1 x 1
117617	J015 V	16:37:29.83	+46:45:54.8	J2000.00	1.139	180.0	21:23:20.4	999.0	V	Harris	5	1 x 1
117618	J015 V	16:37:29.83	+46:45:54.8	J2000.00	1.139	180.0	21:23:20.4	999.0	V	Harris	3	1 x 1
117619	J015 V	16:37:29.83	+46:45:54.8	J2000.00	1.139	180.0	21:23:20.4	999.0	V	Harris	4	1 x 1
117624	J015V	16:37:29.84	+46:45:54.9	J2000.00	1.165	180.0	21:43:25.8	0.0	V	Harris	1	1 x 1
117625	J015V	16:37:29.84	+46:45:54.9	J2000.00	1.165	180.0	21:43:25.8	0.0	V	Harris	5	1 x 1
117626	J015V	16:37:29.84	+46:45:54.9	J2000.00	1.165	180.0	21:43:25.8	0.0	V	Harris	3	1 x 1
117627	J015V	16:37:29.84	+46:45:54.9	J2000.00	1.165	180.0	21:43:25.8	0.0	V	Harris	4	1 x 1
117628	J015V	16:37:29.84	+46:45:54.8	J2000.00	1.200	180.0	21:54:54.1	0.0	V	Harris	1	1 x 1
117629	J015V	16:37:29.84	+46:45:54.8	J2000.00	1.200	180.0	21:54:54.1	0.0	V	Harris	5	1 x 1
117630	J015V	16:37:29.84	+46:45:54.8	J2000.00	1.200	180.0	21:54:54.1	0.0	V	Harris	3	1 x 1
117631	J015V	16:37:29.84	+46:45:54.8	J2000.00	1.200	180.0	21:54:54.1	0.0	V	Harris	4	1 x 1
117632	J015V	16:37:29.83	+46:45:54.8	J2000.00	1.249	180.0	22:14:24.1	0.0	V	Harris	1	1 x 1
117633	J015V	16:37:29.83	+46:45:54.8	J2000.00	1.249	180.0	22:14:24.1	0.0	V	Harris	5	1 x 1
117634	J015V	16:37:29.83	+46:45:54.8	J2000.00	1.249	180.0	22:14:24.1	0.0	V	Harris	3	1 x 1
117635	J015V	16:37:29.83	+46:45:54.8	J2000.00	1.249	180.0	22:14:24.1	0.0	V	Harris	4	1 x 1
117640	J015R	16:37:29.84	+46:45:54.8	J2000.00	1.321	180.0	22:36:33.3	0.0	R	Harris	1	1 x 1
117641	J015R	16:37:29.84	+46:45:54.8	J2000.00	1.321	180.0	22:36:33.3	0.0	R	Harris	5	1 x 1
117642	J015R	16:37:29.84	+46:45:54.8	J2000.00	1.321	180.0	22:36:33.3	0.0	R	Harris	3	1 x 1
117643	J015R	16:37:29.84	+46:45:54.8	J2000.00	1.321	180.0	22:36:33.3	0.0	R	Harris	4	1 x 1
117644	J015R	16:37:29.83	+46:45:54.9	J2000.00	1.406	180.0	22:59:26.4	0.0	R	Harris	1	1 x 1
117645	J015R	16:37:29.83	+46:45:54.9	J2000.00	1.406	180.0	22:59:26.4	0.0	R	Harris	5	1 x 1
117646	J015R	16:37:29.83	+46:45:54.9	J2000.00	1.406	180.0	22:59:26.4	0.0	R	Harris	3	1 x 1
117647	J015R	16:37:29.83	+46:45:54.9	J2000.00	1.406	180.0	22:59:26.4	0.0	R	Harris	4	1 x 1
117648	J015R	8:18:44.92	+23:22:57.4	J2000.00	1.529	180.0	23:27:06.3	0.0	R	Harris	1	1 x 1
117649	J015R	8:18:44.92	+23:22:57.4	J2000.00	1.529	180.0	23:27:06.3	0.0	R	Harris	5	1 x 1
117650	J015R	8:18:44.92	+23:22:57.4	J2000.00	1.529	180.0	23:27:06.3	0.0	R	Harris	3	1 x 1
117651	J015R	8:18:44.92	+23:22:57.4	J2000.00	1.529	180.0	23:27:06.3	0.0	R	Harris	4	1 x 1
117652	110-361R	18:42:45.00	+00:08:04.1	J2000.00	1.331	180.0	23:46:49.5	0.0	R	Harris	1	1 x 1
117653	110-361R	18:42:45.00	+00:08:04.1	J2000.00	1.331	180.0	23:46:49.5	0.0	R	Harris	5	1 x 1
117654	110-361R	18:42:45.00	+00:08:04.1	J2000.00	1.331	180.0	23:46:49.5	0.0	R	Harris	3	1 x 1
117655	110-361R	18:42:45.00	+00:08:04.1	J2000.00	1.331	180.0	23:46:49.5	0.0	R	Harris	4	1 x 1
117656	110-361V	18:42:45.00	+00:08:04.0	J2000.00	1.341	180.0	23:49:44.4	0.0	V	Harris	1	1 x 1
117657	110-361V	18:42:45.00	+00:08:04.0	J2000.00	1.341	180.0	23:49:44.4	0.0	V	Harris	5	1 x 1
117658	110-361V	18:42:45.00	+00:08:04.0	J2000.00	1.341	180.0	23:49:44.4	0.0	V	Harris	3	1 x 1
117659	110-361V	18:42:45.00	+00:08:04.0	J2000.00	1.341	180.0	23:49:44.4	0.0	V	Harris	4	1 x 1
117660	110-361B	18:42:44.99	+00:08:04.0	J2000.00	1.352	180.0	23:52:39.8	0.0	B		1	1 x 1
117661	110-361B	18:42:44.99	+00:08:04.0	J2000.00	1.352	180.0	23:52:39.8	0.0	B		5	1 x 1
117662	110-361B	18:42:44.99	+00:08:04.0	J2000.00	1.352	180.0	23:52:39.8	0.0	B		3	1 x 1
117663	110-361B	18:42:44.99	+00:08:04.0	J2000.00	1.352	180.0	23:52:39.8	0.0	B		4	1 x 1
117664	92-425R	0:55:59.00	+00:52:58.0	J2000.00	2.115	180.0	00:02:52.7	10.1	R	Harris	1	1 x 1
117665	92-425R	0:55:59.00	+00:52:58.0	J2000.00	2.115	180.0	00:02:52.7	10.1	R	Harris	5	1 x 1
117666	92-425R	0:55:59.00	+00:52:58.0	J2000.00	2.115	180.0	00:02:52.7	10.1	R	Harris	3	1 x 1
117667	92-425R	0:55:59.00	+00:52:58.0	J2000.00	2.115	180.0	00:02:52.7	10.1	R	Harris	4	1 x 1
117668	92-425V	0:55:59.00	+00:52:58.0	J2000.00	2.074	180.0	00:05:50.0	10.1	V	Harris	1	1 x 1
117669	92-425V	0:55:59.00	+00:52:58.0	J2000.00	2.074	180.0	00:05:50.0	10.1	V	Harris	5	1 x 1
117670	92-425V	0:55:59.00	+00:52:58.0	J2000.00	2.074	180.0	00:05:50.0	10.1	V	Harris	3	1 x 1
117671	92-425V	0:55:59.00	+00:52:58.0	J2000.00	2.074	180.0	00:05:50.0	10.1	V	Harris	4	1 x 1
117672	92-425B	0:55:59.00	+00:52:58.0	J2000.00	2.032	180.0	00:08:54.7	10.1	B		1	1 x 1
117673	92-425B	0:55:59.00	+00:52:58.0	J2000.00	2.032	180.0	00:08:54.7	10.1	B		5	1 x 1
117674	92-425B	0:55:59.00	+00:52:58.0	J2000.00	2.032	180.0	00:08:54.7	10.1	B		3	1 x 1
117675	92-425B	0:55:59.00	+00:52:58.0	J2000.00	2.032	180.0	00:08:54.7	10.1	B		4	1 x 1
117676	I016 R	0:18:38.88	+36:02:16.2	J2000.00	1.217	180.0	00:25:23.8	1198.8	R	Harris	1	1 x 1
117677	I016 R	0:18:38.88	+36:02:16.2	J2000.00	1.217	180.0	00:25:23.8	1198.8	R	Harris	5	1 x 1

117678	I016 R	0:18:38.88	+36:02:16.2	J2000.00	1.217	180.0	00:25:23.8	1198.8	R	Harris	3	1 x 1
117679	I016 R	0:18:38.88	+36:02:16.2	J2000.00	1.217	180.0	00:25:23.8	1198.8	R	Harris	4	1 x 1
117680	I016 R	0:18:38.88	+36:02:15.8	J2000.00	1.156	180.0	00:48:24.7	1198.8	R	Harris	1	1 x 1
117681	I016 R	0:18:38.88	+36:02:15.8	J2000.00	1.156	180.0	00:48:24.7	1198.8	R	Harris	5	1 x 1
117682	I016 R	0:18:38.88	+36:02:15.8	J2000.00	1.156	180.0	00:48:24.7	1198.8	R	Harris	3	1 x 1
117683	I016 R	0:18:38.88	+36:02:15.8	J2000.00	1.156	180.0	00:48:24.7	1198.8	R	Harris	4	1 x 1
117684	I016 R	0:18:38.88	+36:02:16.4	J2000.00	1.108	180.0	01:11:17.6	1198.6	R	Harris	1	1 x 1
117685	I016 R	0:18:38.88	+36:02:16.4	J2000.00	1.108	180.0	01:11:17.6	1198.6	R	Harris	5	1 x 1
117686	I016 R	0:18:38.88	+36:02:16.4	J2000.00	1.108	180.0	01:11:17.6	1198.6	R	Harris	3	1 x 1
117687	I016 R	0:18:38.88	+36:02:16.4	J2000.00	1.108	180.0	01:11:17.6	1198.6	R	Harris	4	1 x 1
117688	92-417R	0:55:32.00	+00:53:07.0	J2000.00	1.352	360.0	01:40:44.8	10.1	R	Harris	1	1 x 1
117689	92-417R	0:55:32.00	+00:53:07.0	J2000.00	1.352	360.0	01:40:44.8	10.1	R	Harris	5	1 x 1
117690	92-417R	0:55:32.00	+00:53:07.0	J2000.00	1.352	360.0	01:40:44.8	10.1	R	Harris	3	1 x 1
117691	92-417R	0:55:32.00	+00:53:07.0	J2000.00	1.352	360.0	01:40:44.8	10.1	R	Harris	4	1 x 1
117692	92-417V	0:55:31.99	+00:53:06.9	J2000.00	1.339	360.0	01:44:09.4	10.1	V	Harris	1	1 x 1
117693	92-417V	0:55:31.99	+00:53:06.9	J2000.00	1.339	360.0	01:44:09.4	10.1	V	Harris	5	1 x 1
117694	92-417V	0:55:31.99	+00:53:06.9	J2000.00	1.339	360.0	01:44:09.4	10.1	V	Harris	3	1 x 1
117695	92-417V	0:55:31.99	+00:53:06.9	J2000.00	1.339	360.0	01:44:09.4	10.1	V	Harris	4	1 x 1
117696	92-417B	0:55:32.00	+00:53:06.9	J2000.00	1.328	360.0	01:47:07.9	10.1	B		1	1 x 1
117697	92-417B	0:55:32.00	+00:53:06.9	J2000.00	1.328	360.0	01:47:07.9	10.1	B		5	1 x 1
117698	92-417B	0:55:32.00	+00:53:06.9	J2000.00	1.328	360.0	01:47:07.9	10.1	B		3	1 x 1
117699	92-417B	0:55:32.00	+00:53:06.9	J2000.00	1.328	360.0	01:47:07.9	10.1	B		4	1 x 1
117704	I029 B	0:18:46.07	+35:38:43.5	J2000.00	1.050	360.0	01:52:18.0	899.3	B		1	1 x 1
117705	I029 B	0:18:46.07	+35:38:43.5	J2000.00	1.050	360.0	01:52:18.0	899.3	B		5	1 x 1
117706	I029 B	0:18:46.07	+35:38:43.5	J2000.00	1.050	360.0	01:52:18.0	899.3	B		3	1 x 1
117707	I029 B	0:18:46.07	+35:38:43.5	J2000.00	1.050	360.0	01:52:18.0	899.3	B		4	1 x 1
117708	I029 B	0:18:46.06	+35:38:43.4	J2000.00	1.033	360.0	02:10:06.7	898.9	B		1	1 x 1
117709	I029 B	0:18:46.06	+35:38:43.4	J2000.00	1.033	360.0	02:10:06.7	898.9	B		5	1 x 1
117710	I029 B	0:18:46.06	+35:38:43.4	J2000.00	1.033	360.0	02:10:06.7	898.9	B		3	1 x 1
117711	I029 B	0:18:46.06	+35:38:43.4	J2000.00	1.033	360.0	02:10:06.7	898.9	B		4	1 x 1
117716	I029 B	0:18:46.07	+35:38:43.6	J2000.00	1.019	360.0	02:29:02.5	899.0	B		1	1 x 1
117717	I029 B	0:18:46.07	+35:38:43.6	J2000.00	1.019	360.0	02:29:02.5	899.0	B		5	1 x 1
117718	I029 B	0:18:46.07	+35:38:43.6	J2000.00	1.019	360.0	02:29:02.5	899.0	B		3	1 x 1
117719	I029 B	0:18:46.07	+35:38:43.6	J2000.00	1.019	360.0	02:29:02.5	899.0	B		4	1 x 1
117720	I029 V	0:18:46.07	+35:38:43.6	J2000.00	1.011	360.0	02:47:00.5	999.1	V	Harris	1	1 x 1
117721	I029 V	0:18:46.07	+35:38:43.6	J2000.00	1.011	360.0	02:47:00.5	999.1	V	Harris	5	1 x 1
117722	I029 V	0:18:46.07	+35:38:43.6	J2000.00	1.011	360.0	02:47:00.5	999.1	V	Harris	3	1 x 1
117723	I029 V	0:18:46.07	+35:38:43.6	J2000.00	1.011	360.0	02:47:00.5	999.1	V	Harris	4	1 x 1
117724	I029 V	0:18:46.07	+35:38:43.6	J2000.00	1.007	360.0	03:06:29.3	999.1	V	Harris	1	1 x 1
117725	I029 V	0:18:46.07	+35:38:43.6	J2000.00	1.007	360.0	03:06:29.3	999.1	V	Harris	5	1 x 1
117726	I029 V	0:18:46.07	+35:38:43.6	J2000.00	1.007	360.0	03:06:29.3	999.1	V	Harris	3	1 x 1
117727	I029 V	0:18:46.07	+35:38:43.6	J2000.00	1.007	360.0	03:06:29.3	999.1	V	Harris	4	1 x 1
117728	I029 V	0:18:46.07	+35:38:43.5	J2000.00	1.009	360.0	03:25:56.4	998.9	V	Harris	1	1 x 1
117729	I029 V	0:18:46.07	+35:38:43.5	J2000.00	1.009	360.0	03:25:56.4	998.9	V	Harris	5	1 x 1
117730	I029 V	0:18:46.07	+35:38:43.5	J2000.00	1.009	360.0	03:25:56.4	998.9	V	Harris	3	1 x 1
117731	I029 V	0:18:46.07	+35:38:43.5	J2000.00	1.009	360.0	03:25:56.4	998.9	V	Harris	4	1 x 1
117736	92-417V	0:55:32.00	+00:53:06.7	J2000.00	1.131	360.0	03:54:45.7	10.1	V	Harris	1	1 x 1
117737	92-417V	0:55:32.00	+00:53:06.7	J2000.00	1.131	360.0	03:54:45.7	10.1	V	Harris	5	1 x 1
117738	92-417V	0:55:32.00	+00:53:06.7	J2000.00	1.131	360.0	03:54:45.7	10.1	V	Harris	3	1 x 1
117739	92-417V	0:55:32.00	+00:53:06.7	J2000.00	1.131	360.0	03:54:45.7	10.1	V	Harris	4	1 x 1
117740	92-417B	0:55:32.00	+00:53:06.9	J2000.00	1.131	360.0	03:57:43.4	10.1	B		1	1 x 1
117741	92-417B	0:55:32.00	+00:53:06.9	J2000.00	1.131	360.0	03:57:43.4	10.1	B		5	1 x 1
117742	92-417B	0:55:32.00	+00:53:06.9	J2000.00	1.131	360.0	03:57:43.4	10.1	B		3	1 x 1
117743	92-417B	0:55:32.00	+00:53:06.9	J2000.00	1.131	360.0	03:57:43.4	10.1	B		4	1 x 1
117744	92-417R	0:55:32.00	+00:53:07.0	J2000.00	1.131	360.0	04:00:38.8	10.1	R	Harris	1	1 x 1
117745	92-417R	0:55:32.00	+00:53:07.0	J2000.00	1.131	360.0	04:00:38.8	10.1	R	Harris	5	1 x 1
117746	92-417R	0:55:32.00	+00:53:07.0	J2000.00	1.131	360.0	04:00:38.8	10.1	R	Harris	3	1 x 1
117747	92-417R	0:55:32.00	+00:53:07.0	J2000.00	1.131	360.0	04:00:38.8	10.1	R	Harris	4	1 x 1
117752	I028 B	0:16:08.88	+35:28:22.0	J2000.00	1.031	360.0	04:05:33.6	899.1	B		1	1 x 1
117753	I028 B	0:16:08.88	+35:28:22.0	J2000.00	1.031	360.0	04:05:33.6	899.1	B		5	1 x 1
117754	I028 B	0:16:08.88	+35:28:22.0	J2000.00	1.031	360.0	04:05:33.6	899.1	B		3	1 x 1
117755	I028 B	0:16:08.88	+35:28:22.0	J2000.00	1.031	360.0	04:05:33.6	899.1	B		4	1 x 1

117756	I028 B	0:16:08.88	+35:28:21.6	J2000.00	1.051	360.0	04:25:21.8	899.0	B		1	1 x 1
117757	I028 B	0:16:08.88	+35:28:21.6	J2000.00	1.051	360.0	04:25:21.8	899.0	B		5	1 x 1
117758	I028 B	0:16:08.88	+35:28:21.6	J2000.00	1.051	360.0	04:25:21.8	899.0	B		3	1 x 1
117759	I028 B	0:16:08.88	+35:28:21.6	J2000.00	1.051	360.0	04:25:21.8	899.0	B		4	1 x 1
117760	I028 B	0:16:08.89	+35:28:21.7	J2000.00	1.074	360.0	04:43:15.5	899.2	B		1	1 x 1
117761	I028 B	0:16:08.89	+35:28:21.7	J2000.00	1.074	360.0	04:43:15.5	899.2	B		5	1 x 1
117762	I028 B	0:16:08.89	+35:28:21.7	J2000.00	1.074	360.0	04:43:15.5	899.2	B		3	1 x 1
117763	I028 B	0:16:08.89	+35:28:21.7	J2000.00	1.074	360.0	04:43:15.5	899.2	B		4	1 x 1
117764	I028V	0:16:08.89	+35:28:22.0	J2000.00	1.105	360.0	05:01:30.8	999.0	V	Harris	1	1 x 1
117765	I028V	0:16:08.89	+35:28:22.0	J2000.00	1.105	360.0	05:01:30.8	999.0	V	Harris	5	1 x 1
117766	I028V	0:16:08.89	+35:28:22.0	J2000.00	1.105	360.0	05:01:30.8	999.0	V	Harris	3	1 x 1
117767	I028V	0:16:08.89	+35:28:22.0	J2000.00	1.105	360.0	05:01:30.8	999.0	V	Harris	4	1 x 1
117768	92-417V	0:55:32.00	+00:53:07.0	J2000.00	1.218	360.0	05:21:17.9	10.1	V	Harris	1	1 x 1
117769	92-417V	0:55:32.00	+00:53:07.0	J2000.00	1.218	360.0	05:21:17.9	10.1	V	Harris	5	1 x 1
117770	92-417V	0:55:32.00	+00:53:07.0	J2000.00	1.218	360.0	05:21:17.9	10.1	V	Harris	3	1 x 1
117771	92-417V	0:55:32.00	+00:53:07.0	J2000.00	1.218	360.0	05:21:17.9	10.1	V	Harris	4	1 x 1
117772	92-417B	0:55:32.00	+00:53:06.9	J2000.00	1.224	360.0	05:24:23.9	10.1	B		1	1 x 1
117773	92-417B	0:55:32.00	+00:53:06.9	J2000.00	1.224	360.0	05:24:23.9	10.1	B		5	1 x 1
117774	92-417B	0:55:32.00	+00:53:06.9	J2000.00	1.224	360.0	05:24:23.9	10.1	B		3	1 x 1
117775	92-417B	0:55:32.00	+00:53:06.9	J2000.00	1.224	360.0	05:24:23.9	10.1	B		4	1 x 1
117776	92-417R	0:55:31.99	+00:53:06.9	J2000.00	1.232	360.0	05:27:54.3	10.1	R	Harris	1	1 x 1
117777	92-417R	0:55:31.99	+00:53:06.9	J2000.00	1.232	360.0	05:27:54.3	10.1	R	Harris	5	1 x 1
117778	92-417R	0:55:31.99	+00:53:06.9	J2000.00	1.232	360.0	05:27:54.3	10.1	R	Harris	3	1 x 1
117779	92-417R	0:55:31.99	+00:53:06.9	J2000.00	1.232	360.0	05:27:54.3	10.1	R	Harris	4	1 x 1
117784	GT2318+620V	23:18:22.57	+62:01:07.3	B1950.00	1.450	360.0	05:35:43.4	299.8	V	Harris	1	1 x 1
117785	GT2318+620V	23:18:22.57	+62:01:07.3	B1950.00	1.450	360.0	05:35:43.4	299.8	V	Harris	5	1 x 1
117786	GT2318+620V	23:18:22.57	+62:01:07.3	B1950.00	1.450	360.0	05:35:43.4	299.8	V	Harris	3	1 x 1
117787	GT2318+620V	23:18:22.57	+62:01:07.3	B1950.00	1.450	360.0	05:35:43.4	299.8	V	Harris	4	1 x 1
117788	GT2318+620B	23:18:22.57	+62:01:07.3	B1950.00	1.476	360.0	05:43:27.9	449.6	B		1	1 x 1
117789	GT2318+620B	23:18:22.57	+62:01:07.3	B1950.00	1.476	360.0	05:43:27.9	449.6	B		5	1 x 1
117790	GT2318+620B	23:18:22.57	+62:01:07.3	B1950.00	1.476	360.0	05:43:27.9	449.6	B		3	1 x 1
117791	GT2318+620B	23:18:22.57	+62:01:07.3	B1950.00	1.476	360.0	05:43:27.9	449.6	B		4	1 x 1
117792	Rflat	23:54:03.66	+59:28:21.9	B1950.00	1.388	360.0	06:00:14.9	60.1	R	Harris	1	1 x 1
117793	Rflat	23:54:03.66	+59:28:21.9	B1950.00	1.388	360.0	06:00:14.9	60.1	R	Harris	5	1 x 1
117794	Rflat	23:54:03.66	+59:28:21.9	B1950.00	1.388	360.0	06:00:14.9	60.1	R	Harris	3	1 x 1
117795	Rflat	23:54:03.66	+59:28:21.9	B1950.00	1.388	360.0	06:00:14.9	60.1	R	Harris	4	1 x 1
117796	RFlat	23:54:09.55	+59:28:22.9	B1950.00	1.398	360.0	06:04:15.7	30.1	R	Harris	1	1 x 1
117797	RFlat	23:54:09.55	+59:28:22.9	B1950.00	1.398	360.0	06:04:15.7	30.1	R	Harris	5	1 x 1
117798	RFlat	23:54:09.55	+59:28:22.9	B1950.00	1.398	360.0	06:04:15.7	30.1	R	Harris	3	1 x 1
117799	RFlat	23:54:09.55	+59:28:22.9	B1950.00	1.398	360.0	06:04:15.7	30.1	R	Harris	4	1 x 1
117800	RFlat	23:54:10.21	+59:28:28.0	B1950.00	1.407	360.0	06:07:41.4	15.1	R	Harris	1	1 x 1
117801	RFlat	23:54:10.21	+59:28:28.0	B1950.00	1.407	360.0	06:07:41.4	15.1	R	Harris	5	1 x 1
117802	RFlat	23:54:10.21	+59:28:28.0	B1950.00	1.407	360.0	06:07:41.4	15.1	R	Harris	3	1 x 1
117803	RFlat	23:54:10.21	+59:28:28.0	B1950.00	1.407	360.0	06:07:41.4	15.1	R	Harris	4	1 x 1
117804	RFlat	23:54:10.21	+59:28:27.9	B1950.00	1.421	360.0	06:12:23.4	9.6	R	Harris	1	1 x 1
117805	RFlat	23:54:10.21	+59:28:27.9	B1950.00	1.421	360.0	06:12:23.4	9.6	R	Harris	5	1 x 1
117806	RFlat	23:54:10.21	+59:28:27.9	B1950.00	1.421	360.0	06:12:23.4	9.6	R	Harris	3	1 x 1
117807	RFlat	23:54:10.21	+59:28:27.9	B1950.00	1.421	360.0	06:12:23.4	9.6	R	Harris	4	1 x 1
117808	VFlat	23:54:03.65	+59:27:37.8	B1950.00	1.430	360.0	06:15:28.6	20.0	V	Harris	1	1 x 1
117809	VFlat	23:54:03.65	+59:27:37.8	B1950.00	1.430	360.0	06:15:28.6	20.0	V	Harris	5	1 x 1
117810	VFlat	23:54:03.65	+59:27:37.8	B1950.00	1.430	360.0	06:15:28.6	20.0	V	Harris	3	1 x 1
117811	VFlat	23:54:03.65	+59:27:37.8	B1950.00	1.430	360.0	06:15:28.6	20.0	V	Harris	4	1 x 1
117812	VFlat	23:54:07.58	+59:28:07.9	B1950.00	1.441	360.0	06:18:55.5	10.1	V	Harris	1	1 x 1
117813	VFlat	23:54:07.58	+59:28:07.9	B1950.00	1.441	360.0	06:18:55.5	10.1	V	Harris	5	1 x 1
117814	VFlat	23:54:07.58	+59:28:07.9	B1950.00	1.441	360.0	06:18:55.5	10.1	V	Harris	3	1 x 1
117815	VFlat	23:54:07.58	+59:28:07.9	B1950.00	1.441	360.0	06:18:55.5	10.1	V	Harris	4	1 x 1
117816	Vflat	23:54:07.58	+59:28:08.0	B1950.00	1.455	360.0	06:23:41.9	3.1	V	Harris	1	1 x 1
117817	Vflat	23:54:07.58	+59:28:08.0	B1950.00	1.455	360.0	06:23:41.9	3.1	V	Harris	5	1 x 1
117818	Vflat	23:54:07.58	+59:28:08.0	B1950.00	1.455	360.0	06:23:41.9	3.1	V	Harris	3	1 x 1
117819	Vflat	23:54:07.58	+59:28:08.0	B1950.00	1.455	360.0	06:23:41.9	3.1	V	Harris	4	1 x 1
117820	VFlat	23:54:07.58	+59:28:08.0	B1950.00	1.465	360.0	06:26:45.8	0.8	V	Harris	1	1 x 1
117821	VFlat	23:54:07.58	+59:28:08.0	B1950.00	1.465	360.0	06:26:45.8	0.8	V	Harris	5	1 x 1

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117822 VFlat          23:54:07.58 +59:28:08.0 B1950.00 1.465 360.0 06:26:45.8      0.8        V     Harris    3      1 x 1
117823 VFlat          23:54:07.58 +59:28:08.0 B1950.00 1.465 360.0 06:26:45.8      0.8        V     Harris    4      1 x 1
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