INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:             INT
DATE:                  1998 SEP 27/28
INT TAPE NR:           INTD3800
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:               POOR:high humidity
OUTSIDE TEMP (deg C): 12.0              (FIRST HALF)
OUTSIDE TEMP (deg C): 12.5              (SECOND HALF)
HUMIDITY (%):           80              (FIRST HALF)
HUMIDITY (%):           85              (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):       1.0              (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:            09:21
DOME OPEN (UTC):       18:55
MOON PHASE (D/G/B):        D
DK HRS LOST (WEATHER):06:10
DK HRS LOST (TELESC): 00:00
DK HRS LOST (DOME):    00:00
DK HRS LOST (INSTR.): 00:00
DK HRS LOST (DET.):    00:00
DK HRS LOST (COMPS.): 00:00
DK HRS LOST (A&G):     00:00
DK HRS LOST (OTHER):   00:30

COMMENTS:
No autoguider. 5 min exposures all night. Extra readout overhead due
to short exposures estimated at 1 hour.
Closed at 00:35 because of high humidity. Caused condensation on the CCDs.
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Run no. Object name              RA         Dec.     Equinox    AM    PA     UT       Exp. T.   Filter      Psys Channel  Binning Comments
 124436 Bias frame           0:00:00.00 +00:00:00.0 A        1.500 179.8 18:05:09.6      0.0        U        RGO    1      1 x 1
 124437 Bias frame           0:00:00.00 +00:00:00.0 A        1.500 179.8 18:05:09.6      0.0        U        RGO    5      1 x 1
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124438	Bias frame	0:00:00.00	+00:00:00.0	A	1.500	179.8	18:05:09.6	0.0	U	RGO	3	1 x 1
124439	Bias frame	0:00:00.00	+00:00:00.0	A	1.500	179.8	18:05:09.6	0.0	U	RGO	4	1 x 1
124440	Bias frame	0:00:00.00	+00:00:00.0	A	1.500	179.8	18:08:06.3	0.0	U	RGO	1	1 x 1
124441	Bias frame	0:00:00.00	+00:00:00.0	A	1.500	179.8	18:08:06.3	0.0	U	RGO	5	1 x 1
124442	Bias frame	0:00:00.00	+00:00:00.0	A	1.500	179.8	18:08:06.3	0.0	U	RGO	3	1 x 1
124443	Bias frame	0:00:00.00	+00:00:00.0	A	1.500	179.8	18:08:06.3	0.0	U	RGO	4	1 x 1
124444	Bias frame	0:00:00.00	+00:00:00.0	A	1.500	179.8	18:10:59.9	0.0	U	RGO	1	1 x 1
124445	Bias frame	0:00:00.00	+00:00:00.0	A	1.500	179.8	18:10:59.9	0.0	U	RGO	5	1 x 1
124446	Bias frame	0:00:00.00	+00:00:00.0	A	1.500	179.8	18:10:59.9	0.0	U	RGO	3	1 x 1
124447	Bias frame	0:00:00.00	+00:00:00.0	A	1.500	179.8	18:10:59.9	0.0	U	RGO	4	1 x 1
124448	Bias frame	0:00:00.00	+00:00:00.0	A	1.500	179.8	18:13:53.3	0.0	U	RGO	1	1 x 1
124449	Bias frame	0:00:00.00	+00:00:00.0	A	1.500	179.8	18:13:53.3	0.0	U	RGO	5	1 x 1
124450	Bias frame	0:00:00.00	+00:00:00.0	A	1.500	179.8	18:13:53.3	0.0	U	RGO	3	1 x 1
124451	Bias frame	0:00:00.00	+00:00:00.0	A	1.500	179.8	18:13:53.3	0.0	U	RGO	4	1 x 1
124452	Bias frame	0:00:00.00	+00:00:00.0	A	1.500	179.8	18:16:44.6	0.0	U	RGO	1	1 x 1
124453	Bias frame	0:00:00.00	+00:00:00.0	A	1.500	179.8	18:16:44.6	0.0	U	RGO	5	1 x 1
124454	Bias frame	0:00:00.00	+00:00:00.0	A	1.500	179.8	18:16:44.6	0.0	U	RGO	3	1 x 1
124455	Bias frame	0:00:00.00	+00:00:00.0	A	1.500	179.8	18:16:44.6	0.0	U	RGO	4	1 x 1
124456	Flat field	18:50:00.00	+29:59:59.9	B1950.00	1.002	179.8	19:20:50.3	2.2	R	Harris	1	1 x 1
124457	Flat field	18:50:00.00	+29:59:59.9	B1950.00	1.002	179.8	19:20:50.3	2.2	R	Harris	5	1 x 1
124458	Flat field	18:50:00.00	+29:59:59.9	B1950.00	1.002	179.8	19:20:50.3	2.2	R	Harris	3	1 x 1
124459	Flat field	18:50:00.00	+29:59:59.9	B1950.00	1.002	179.8	19:20:50.3	2.2	R	Harris	4	1 x 1
124460	Flat field	18:50:02.31	+30:00:00.0	B1950.00	1.002	179.8	19:24:11.5	3.6	R	Harris	1	1 x 1
124461	Flat field	18:50:02.31	+30:00:00.0	B1950.00	1.002	179.8	19:24:11.5	3.6	R	Harris	5	1 x 1
124462	Flat field	18:50:02.31	+30:00:00.0	B1950.00	1.002	179.8	19:24:11.5	3.6	R	Harris	3	1 x 1
124463	Flat field	18:50:02.31	+30:00:00.0	B1950.00	1.002	179.8	19:24:11.5	3.6	R	Harris	4	1 x 1
124464	Flat field	18:50:02.31	+30:00:00.0	B1950.00	1.001	179.8	19:27:22.4	8.1	R	Harris	1	1 x 1
124465	Flat field	18:50:02.31	+30:00:00.0	B1950.00	1.001	179.8	19:27:22.4	8.1	R	Harris	5	1 x 1
124466	Flat field	18:50:02.31	+30:00:00.0	B1950.00	1.001	179.8	19:27:22.4	8.1	R	Harris	3	1 x 1
124467	Flat field	18:50:02.31	+30:00:00.0	B1950.00	1.001	179.8	19:27:22.4	8.1	R	Harris	4	1 x 1
124468	Flat field	18:50:02.31	+29:59:59.9	B1950.00	1.001	179.8	19:30:41.7	16.1	R	Harris	1	1 x 1
124469	Flat field	18:50:02.31	+29:59:59.9	B1950.00	1.001	179.8	19:30:41.7	16.1	R	Harris	5	1 x 1
124470	Flat field	18:50:02.31	+29:59:59.9	B1950.00	1.001	179.8	19:30:41.7	16.1	R	Harris	3	1 x 1
124471	Flat field	18:50:02.31	+29:59:59.9	B1950.00	1.001	179.8	19:30:41.7	16.1	R	Harris	4	1 x 1
124472	Flat field	18:50:02.31	+29:59:59.9	B1950.00	1.000	179.8	19:33:56.8	32.1	R	Harris	1	1 x 1
124473	Flat field	18:50:02.31	+29:59:59.9	B1950.00	1.000	179.8	19:33:56.8	32.1	R	Harris	5	1 x 1
124474	Flat field	18:50:02.31	+29:59:59.9	B1950.00	1.000	179.8	19:33:56.8	32.1	R	Harris	3	1 x 1
124475	Flat field	18:50:02.31	+29:59:59.9	B1950.00	1.000	179.8	19:33:56.8	32.1	R	Harris	4	1 x 1
124476	Focus run	21:42:35.00	+00:18:31.0	J2000.00	1.512	179.8	19:44:11.7	9.6	R	Harris	1	1 x 1
124477	Focus run	21:42:35.00	+00:18:31.0	J2000.00	1.512	179.8	19:44:11.7	9.6	R	Harris	5	1 x 1
124478	Focus run	21:42:35.00	+00:18:31.0	J2000.00	1.512	179.8	19:44:11.7	9.6	R	Harris	3	1 x 1
124479	Focus run	21:42:35.00	+00:18:31.0	J2000.00	1.512	179.8	19:44:11.7	9.6	R	Harris	4	1 x 1
124480	sa113-163 R	21:42:34.99	+00:16:45.9	J2000.00	1.457	179.8	19:53:07.5	10.1	R	Harris	1	1 x 1
124481	sa113-163 R	21:42:34.99	+00:16:45.9	J2000.00	1.457	179.8	19:53:07.5	10.1	R	Harris	5	1 x 1
124482	sa113-163 R	21:42:34.99	+00:16:45.9	J2000.00	1.457	179.8	19:53:07.5	10.1	R	Harris	3	1 x 1
124483	sa113-163 R	21:42:34.99	+00:16:45.9	J2000.00	1.457	179.8	19:53:07.5	10.1	R	Harris	4	1 x 1
124484	sa113-163 V	21:42:35.00	+00:16:45.9	J2000.00	1.439	179.8	19:56:51.1	10.1	V	Harris	1	1 x 1
124485	sa113-163 V	21:42:35.00	+00:16:45.9	J2000.00	1.439	179.8	19:56:51.1	10.1	V	Harris	5	1 x 1
124486	sa113-163 V	21:42:35.00	+00:16:45.9	J2000.00	1.439	179.8	19:56:51.1	10.1	V	Harris	3	1 x 1
124487	sa113-163 V	21:42:35.00	+00:16:45.9	J2000.00	1.439	179.8	19:56:51.1	10.1	V	Harris	4	1 x 1
124488	sa113-163 I	21:42:35.00	+00:16:46.0	J2000.00	1.422	179.8	20:00:19.6	10.1	I	INT-WFC	1	1 x 1
124489	sa113-163 I	21:42:35.00	+00:16:46.0	J2000.00	1.422	179.8	20:00:19.6	10.1	I	INT-WFC	5	1 x 1
124490	sa113-163 I	21:42:35.00	+00:16:46.0	J2000.00	1.422	179.8	20:00:19.6	10.1	I	INT-WFC	3	1 x 1
124491	sa113-163 I	21:42:35.00	+00:16:46.0	J2000.00	1.422	179.8	20:00:19.6	10.1	I	INT-WFC	4	1 x 1
124492	ter12 I	18:09:14.00	-22:45:17.9	B1950.00	1.711	179.8	20:07:02.6	299.7	I	INT-WFC	1	1 x 1
124493	ter12 I	18:09:14.00	-22:45:17.9	B1950.00	1.711	179.8	20:07:02.6	299.7	I	INT-WFC	5	1 x 1
124494	ter12 I	18:09:14.00	-22:45:17.9	B1950.00	1.711	179.8	20:07:02.6	299.7	I	INT-WFC	3	1 x 1
124495	ter12 I	18:09:14.00	-22:45:17.9	B1950.00	1.711	179.8	20:07:02.6	299.7	I	INT-WFC	4	1 x 1
124496	ter12 V	18:09:14.00	-22:45:18.0	B1950.00	1.739	179.8	20:15:26.3	299.8	V	Harris	1	1 x 1
124497	ter12 V	18:09:14.00	-22:45:18.0	B1950.00	1.739	179.8	20:15:26.3	299.8	V	Harris	5	1 x 1
124498	ter12 V	18:09:14.00	-22:45:18.0	B1950.00	1.739	179.8	20:15:26.3	299.8	V	Harris	3	1 x 1
124499	ter12 V	18:09:14.00	-22:45:18.0	B1950.00	1.739	179.8	20:15:26.3	299.8	V	Harris	4	1 x 1

124500	ter12 R	18:09:14.00	-22:45:18.0	B1950.00	1.771	179.8	20:23:30.0	299.8	R	Harris	1	1 x 1
124501	ter12 R	18:09:14.00	-22:45:18.0	B1950.00	1.771	179.8	20:23:30.0	299.8	R	Harris	5	1 x 1
124502	ter12 R	18:09:14.00	-22:45:18.0	B1950.00	1.771	179.8	20:23:30.0	299.8	R	Harris	3	1 x 1
124503	ter12 R	18:09:14.00	-22:45:18.0	B1950.00	1.771	179.8	20:23:30.0	299.8	R	Harris	4	1 x 1
124508	2030-2500 V	20:29:59.99	-25:00:00.0	B1950.00	1.721	179.8	20:33:31.9	299.8	V	Harris	1	1 x 1
124509	2030-2500 V	20:29:59.99	-25:00:00.0	B1950.00	1.721	179.8	20:33:31.9	299.8	V	Harris	5	1 x 1
124510	2030-2500 V	20:29:59.99	-25:00:00.0	B1950.00	1.721	179.8	20:33:31.9	299.8	V	Harris	3	1 x 1
124511	2030-2500 V	20:29:59.99	-25:00:00.0	B1950.00	1.721	179.8	20:33:31.9	299.8	V	Harris	4	1 x 1
124512	2030-2500 V	20:29:59.99	-25:00:00.0	B1950.00	1.708	179.8	20:41:26.7	298.7	V	Harris	1	1 x 1
124513	2030-2500 V	20:29:59.99	-25:00:00.0	B1950.00	1.708	179.8	20:41:26.7	298.7	V	Harris	5	1 x 1
124514	2030-2500 V	20:29:59.99	-25:00:00.0	B1950.00	1.708	179.8	20:41:26.7	298.7	V	Harris	3	1 x 1
124515	2030-2500 V	20:29:59.99	-25:00:00.0	B1950.00	1.708	179.8	20:41:26.7	298.7	V	Harris	4	1 x 1
124516	2030-2500 V	20:30:00.00	-25:00:00.0	B1950.00	1.697	179.8	20:49:22.8	299.8	V	Harris	1	1 x 1
124517	2030-2500 V	20:30:00.00	-25:00:00.0	B1950.00	1.697	179.8	20:49:22.8	299.8	V	Harris	5	1 x 1
124518	2030-2500 V	20:30:00.00	-25:00:00.0	B1950.00	1.697	179.8	20:49:22.8	299.8	V	Harris	3	1 x 1
124519	2030-2500 V	20:30:00.00	-25:00:00.0	B1950.00	1.697	179.8	20:49:22.8	299.8	V	Harris	4	1 x 1
124520	2030-2500 I	20:30:00.00	-25:00:00.0	B1950.00	1.689	179.8	20:57:31.7	299.4	I	INT-WFC	1	1 x 1
124521	2030-2500 I	20:30:00.00	-25:00:00.0	B1950.00	1.689	179.8	20:57:31.7	299.4	I	INT-WFC	5	1 x 1
124522	2030-2500 I	20:30:00.00	-25:00:00.0	B1950.00	1.689	179.8	20:57:31.7	299.4	I	INT-WFC	3	1 x 1
124523	2030-2500 I	20:30:00.00	-25:00:00.0	B1950.00	1.689	179.8	20:57:31.7	299.4	I	INT-WFC	4	1 x 1
124524	2030-2500 I	20:30:00.00	-25:00:00.0	B1950.00	1.684	179.8	21:05:28.5	299.7	I	INT-WFC	1	1 x 1
124525	2030-2500 I	20:30:00.00	-25:00:00.0	B1950.00	1.684	179.8	21:05:28.5	299.7	I	INT-WFC	5	1 x 1
124526	2030-2500 I	20:30:00.00	-25:00:00.0	B1950.00	1.684	179.8	21:05:28.5	299.7	I	INT-WFC	3	1 x 1
124527	2030-2500 I	20:30:00.00	-25:00:00.0	B1950.00	1.684	179.8	21:05:28.5	299.7	I	INT-WFC	4	1 x 1
124528	2030-2500 I	20:30:00.00	-25:00:00.0	B1950.00	1.682	179.8	21:13:25.0	299.8	I	INT-WFC	1	1 x 1
124529	2030-2500 I	20:30:00.00	-25:00:00.0	B1950.00	1.682	179.8	21:13:25.0	299.8	I	INT-WFC	5	1 x 1
124530	2030-2500 I	20:30:00.00	-25:00:00.0	B1950.00	1.682	179.8	21:13:25.0	299.8	I	INT-WFC	3	1 x 1
124531	2030-2500 I	20:30:00.00	-25:00:00.0	B1950.00	1.682	179.8	21:13:25.0	299.8	I	INT-WFC	4	1 x 1
124532	2111+0010 V	21:11:26.60	+00:10:34.0	B1950.00	1.147	179.8	21:25:16.5	299.8	V	Harris	1	1 x 1
124533	2111+0010 V	21:11:26.60	+00:10:34.0	B1950.00	1.147	179.8	21:25:16.5	299.8	V	Harris	5	1 x 1
124534	2111+0010 V	21:11:26.60	+00:10:34.0	B1950.00	1.147	179.8	21:25:16.5	299.8	V	Harris	3	1 x 1
124535	2111+0010 V	21:11:26.60	+00:10:34.0	B1950.00	1.147	179.8	21:25:16.5	299.8	V	Harris	4	1 x 1
124536	2111+0010 V	21:11:26.60	+00:10:33.9	B1950.00	1.142	179.8	21:33:12.2	299.8	V	Harris	1	1 x 1
124537	2111+0010 V	21:11:26.60	+00:10:33.9	B1950.00	1.142	179.8	21:33:12.2	299.8	V	Harris	5	1 x 1
124538	2111+0010 V	21:11:26.60	+00:10:33.9	B1950.00	1.142	179.8	21:33:12.2	299.8	V	Harris	3	1 x 1
124539	2111+0010 V	21:11:26.60	+00:10:33.9	B1950.00	1.142	179.8	21:33:12.2	299.8	V	Harris	4	1 x 1
124540	2111+0010 V	21:11:26.60	+00:10:34.0	B1950.00	1.139	179.8	21:41:07.8	299.6	V	Harris	1	1 x 1
124541	2111+0010 V	21:11:26.60	+00:10:34.0	B1950.00	1.139	179.8	21:41:07.8	299.6	V	Harris	5	1 x 1
124542	2111+0010 V	21:11:26.60	+00:10:34.0	B1950.00	1.139	179.8	21:41:07.8	299.6	V	Harris	3	1 x 1
124543	2111+0010 V	21:11:26.60	+00:10:34.0	B1950.00	1.139	179.8	21:41:07.8	299.6	V	Harris	4	1 x 1
124544	2111+0010 I	21:11:26.60	+00:10:33.7	B1950.00	1.137	179.8	21:49:40.6	299.8	I	INT-WFC	1	1 x 1
124545	2111+0010 I	21:11:26.60	+00:10:33.7	B1950.00	1.137	179.8	21:49:40.6	299.8	I	INT-WFC	5	1 x 1
124546	2111+0010 I	21:11:26.60	+00:10:33.7	B1950.00	1.137	179.8	21:49:40.6	299.8	I	INT-WFC	3	1 x 1
124547	2111+0010 I	21:11:26.60	+00:10:33.7	B1950.00	1.137	179.8	21:49:40.6	299.8	I	INT-WFC	4	1 x 1
124548	2111+0010 I	21:11:26.59	+00:10:34.0	B1950.00	1.136	179.8	21:57:36.6	299.3	I	INT-WFC	1	1 x 1
124549	2111+0010 I	21:11:26.59	+00:10:34.0	B1950.00	1.136	179.8	21:57:36.6	299.3	I	INT-WFC	5	1 x 1
124550	2111+0010 I	21:11:26.59	+00:10:34.0	B1950.00	1.136	179.8	21:57:36.6	299.3	I	INT-WFC	3	1 x 1
124551	2111+0010 I	21:11:26.59	+00:10:34.0	B1950.00	1.136	179.8	21:57:36.6	299.3	I	INT-WFC	4	1 x 1
124552	2111+0010 I	21:11:26.60	+00:10:33.9	B1950.00	1.137	179.8	22:05:34.2	299.9	I	INT-WFC	1	1 x 1
124553	2111+0010 I	21:11:26.60	+00:10:33.9	B1950.00	1.137	179.8	22:05:34.2	299.9	I	INT-WFC	5	1 x 1
124554	2111+0010 I	21:11:26.60	+00:10:33.9	B1950.00	1.137	179.8	22:05:34.2	299.9	I	INT-WFC	3	1 x 1
124555	2111+0010 I	21:11:26.60	+00:10:33.9	B1950.00	1.137	179.8	22:05:34.2	299.9	I	INT-WFC	4	1 x 1
124556	sa113-163 V	21:42:35.00	+00:16:45.9	J2000.00	1.139	179.8	22:17:43.4	10.1	V	Harris	1	1 x 1
124557	sa113-163 V	21:42:35.00	+00:16:45.9	J2000.00	1.139	179.8	22:17:43.4	10.1	V	Harris	5	1 x 1
124558	sa113-163 V	21:42:35.00	+00:16:45.9	J2000.00	1.139	179.8	22:17:43.4	10.1	V	Harris	3	1 x 1
124559	sa113-163 V	21:42:35.00	+00:16:45.9	J2000.00	1.139	179.8	22:17:43.4	10.1	V	Harris	4	1 x 1
124560	sa113-163 R	21:42:35.00	+00:16:45.9	J2000.00	1.138	179.8	22:20:58.6	10.1	R	Harris	1	1 x 1
124561	sa113-163 R	21:42:35.00	+00:16:45.9	J2000.00	1.138	179.8	22:20:58.6	10.1	R	Harris	5	1 x 1
124562	sa113-163 R	21:42:35.00	+00:16:45.9	J2000.00	1.138	179.8	22:20:58.6	10.1	R	Harris	3	1 x 1
124563	sa113-163 R	21:42:35.00	+00:16:45.9	J2000.00	1.138	179.8	22:20:58.6	10.1	R	Harris	4	1 x 1
124564	sa113-163 I	21:42:35.00	+00:16:45.9	J2000.00	1.138	179.8	22:24:11.7	10.1	I	INT-WFC	1	1 x 1
124565	sa113-163 I	21:42:35.00	+00:16:45.9	J2000.00	1.138	179.8	22:24:11.7	10.1	I	INT-WFC	5	1 x 1

124566	sa113-163	I	21:42:35.00	+00:16:45.9	J2000.00	1.138	179.8	22:24:11.7	10.1	I	INT-WFC	3	1 x 1
124567	sa113-163	I	21:42:35.00	+00:16:45.9	J2000.00	1.138	179.8	22:24:11.7	10.1	I	INT-WFC	4	1 x 1
124568	2225-1401	V	22:25:30.30	-14:01:44.0	B1950.00	1.381	179.8	22:30:21.8	299.9	V	Harris	1	1 x 1
124569	2225-1401	V	22:25:30.30	-14:01:44.0	B1950.00	1.381	179.8	22:30:21.8	299.9	V	Harris	5	1 x 1
124570	2225-1401	V	22:25:30.30	-14:01:44.0	B1950.00	1.381	179.8	22:30:21.8	299.9	V	Harris	3	1 x 1
124571	2225-1401	V	22:25:30.30	-14:01:44.0	B1950.00	1.381	179.8	22:30:21.8	299.9	V	Harris	4	1 x 1
124572	2225-1401	V	22:25:30.29	-14:01:44.0	B1950.00	1.372	179.8	22:38:17.6	299.3	V	Harris	1	1 x 1
124573	2225-1401	V	22:25:30.29	-14:01:44.0	B1950.00	1.372	179.8	22:38:17.6	299.3	V	Harris	5	1 x 1
124574	2225-1401	V	22:25:30.29	-14:01:44.0	B1950.00	1.372	179.8	22:38:17.6	299.3	V	Harris	3	1 x 1
124575	2225-1401	V	22:25:30.29	-14:01:44.0	B1950.00	1.372	179.8	22:38:17.6	299.3	V	Harris	4	1 x 1
124576	2225-1401	V	22:25:30.30	-14:01:44.0	B1950.00	1.365	179.8	22:46:37.7	299.8	V	Harris	1	1 x 1
124577	2225-1401	V	22:25:30.30	-14:01:44.0	B1950.00	1.365	179.8	22:46:37.7	299.8	V	Harris	5	1 x 1
124578	2225-1401	V	22:25:30.30	-14:01:44.0	B1950.00	1.365	179.8	22:46:37.7	299.8	V	Harris	3	1 x 1
124579	2225-1401	V	22:25:30.30	-14:01:44.0	B1950.00	1.365	179.8	22:46:37.7	299.8	V	Harris	4	1 x 1
124580	2225-1401	I	22:25:30.30	-14:01:44.0	B1950.00	1.360	179.8	22:54:46.8	299.9	I	INT-WFC	1	1 x 1
124581	2225-1401	I	22:25:30.30	-14:01:44.0	B1950.00	1.360	179.8	22:54:46.8	299.9	I	INT-WFC	5	1 x 1
124582	2225-1401	I	22:25:30.30	-14:01:44.0	B1950.00	1.360	179.8	22:54:46.8	299.9	I	INT-WFC	3	1 x 1
124583	2225-1401	I	22:25:30.30	-14:01:44.0	B1950.00	1.360	179.8	22:54:46.8	299.9	I	INT-WFC	4	1 x 1
124584	2225-1401	I	22:25:30.30	-14:01:44.0	B1950.00	1.357	179.8	23:03:07.6	299.8	I	INT-WFC	1	1 x 1
124585	2225-1401	I	22:25:30.30	-14:01:44.0	B1950.00	1.357	179.8	23:03:07.6	299.8	I	INT-WFC	5	1 x 1
124586	2225-1401	I	22:25:30.30	-14:01:44.0	B1950.00	1.357	179.8	23:03:07.6	299.8	I	INT-WFC	3	1 x 1
124587	2225-1401	I	22:25:30.30	-14:01:44.0	B1950.00	1.357	179.8	23:03:07.6	299.8	I	INT-WFC	4	1 x 1
124588	2225-1401	I	22:25:30.30	-14:01:44.0	B1950.00	1.356	179.8	23:11:03.8	299.8	I	INT-WFC	1	1 x 1
124589	2225-1401	I	22:25:30.30	-14:01:44.0	B1950.00	1.356	179.8	23:11:03.8	299.8	I	INT-WFC	5	1 x 1
124590	2225-1401	I	22:25:30.30	-14:01:44.0	B1950.00	1.356	179.8	23:11:03.8	299.8	I	INT-WFC	3	1 x 1
124591	2225-1401	I	22:25:30.30	-14:01:44.0	B1950.00	1.356	179.8	23:11:03.8	299.8	I	INT-WFC	4	1 x 1
124592	2225-1401		22:25:30.29	-14:01:44.0	B1950.00	1.357	179.8	23:19:46.7	299.7	I	INT-WFC	1	1 x 1
124593	2225-1401		22:25:30.29	-14:01:44.0	B1950.00	1.357	179.8	23:19:46.7	299.7	I	INT-WFC	5	1 x 1
124594	2225-1401		22:25:30.29	-14:01:44.0	B1950.00	1.357	179.8	23:19:46.7	299.7	I	INT-WFC	3	1 x 1
124595	2225-1401		22:25:30.29	-14:01:44.0	B1950.00	1.357	179.8	23:19:46.7	299.7	I	INT-WFC	4	1 x 1
124596	2225-1401		22:25:30.30	-14:01:44.0	B1950.00	1.360	179.8	23:28:06.4	299.3	V	Harris	1	1 x 1
124597	2225-1401		22:25:30.30	-14:01:44.0	B1950.00	1.360	179.8	23:28:06.4	299.3	V	Harris	5	1 x 1
124598	2225-1401		22:25:30.30	-14:01:44.0	B1950.00	1.360	179.8	23:28:06.4	299.3	V	Harris	3	1 x 1
124599	2225-1401		22:25:30.30	-14:01:44.0	B1950.00	1.360	179.8	23:28:06.4	299.3	V	Harris	4	1 x 1