INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:             INT
DATE:                  1998 SEP 29/30
INT TAPE NR:           INTD3802
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/poor seeing
OUTSIDE TEMP (deg C): 11.5              (FIRST HALF)
OUTSIDE TEMP (deg C): 11.5              (SECOND HALF)
HUMIDITY (%):           70              (FIRST HALF)
HUMIDITY (%):           55              (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):       2.5              (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:            09:27
DOME OPEN (UTC):       18:45
MOON PHASE (D/G/B):       G
DK HRS LOST (WEATHER):00:45
DK HRS LOST (TELESC): 00:00
DK HRS LOST (DOME):    00:00
DK HRS LOST (INSTR.): 00:00
DK HRS LOST (DET.):    00:00
DK HRS LOST (COMPS.): 00:00
DK HRS LOST (A&G):     00:00
DK HRS LOST (OTHER):   00:00

COMMENTS:
Autoguider working.
Bad seeing (3") prompted early closure: time lost to weather.
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Run no. Object name              RA         Dec.     Equinox    AM    PA     UT       Exp. T.   Filter      Psys Channel  Binning Comments
 124985 Bias frame           0:00:00.00 +00:00:00.0 A        4.376 179.8 18:25:60.0      0.0        R     Harris    1      1 x 1
 124986 Bias frame           0:00:00.00 +00:00:00.0 A        4.376 179.8 18:25:60.0      0.0        R     Harris    5      1 x 1
 124987 Bias frame           0:00:00.00 +00:00:00.0 A        4.376 179.8 18:25:60.0      0.0        R     Harris    3      1 x 1
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124988	Bias frame	0:00:00.00	+00:00:00.0	A		4.376	179.8	18:25:60.0	0.0	R	Harris	4	1 x 1
124989	Bias frame	0:00:00.00	+00:00:00.0	A		4.376	179.8	18:28:54.0	0.0	R	Harris	1	1 x 1
124990	Bias frame	0:00:00.00	+00:00:00.0	A		4.376	179.8	18:28:54.0	0.0	R	Harris	5	1 x 1
124991	Bias frame	0:00:00.00	+00:00:00.0	A		4.376	179.8	18:28:54.0	0.0	R	Harris	3	1 x 1
124992	Bias frame	0:00:00.00	+00:00:00.0	A		4.376	179.8	18:28:54.0	0.0	R	Harris	4	1 x 1
124993	Bias frame	0:00:00.00	+00:00:00.0	A		4.376	179.8	18:31:46.3	0.0	R	Harris	1	1 x 1
124994	Bias frame	0:00:00.00	+00:00:00.0	A		4.376	179.8	18:31:46.3	0.0	R	Harris	5	1 x 1
124995	Bias frame	0:00:00.00	+00:00:00.0	A		4.376	179.8	18:31:46.3	0.0	R	Harris	3	1 x 1
124996	Bias frame	0:00:00.00	+00:00:00.0	A		4.376	179.8	18:31:46.3	0.0	R	Harris	4	1 x 1
124997	Bias frame	0:00:00.00	+00:00:00.0	A		4.376	179.8	18:34:39.0	0.0	R	Harris	1	1 x 1
124998	Bias frame	0:00:00.00	+00:00:00.0	A		4.376	179.8	18:34:39.0	0.0	R	Harris	5	1 x 1
124999	Bias frame	0:00:00.00	+00:00:00.0	A		4.376	179.8	18:34:39.0	0.0	R	Harris	3	1 x 1
125000	Bias frame	0:00:00.00	+00:00:00.0	A		4.376	179.8	18:34:39.0	0.0	R	Harris	4	1 x 1
125001	Bias frame	0:00:00.00	+00:00:00.0	A		4.376	179.8	18:37:32.5	0.0	R	Harris	1	1 x 1
125002	Bias frame	0:00:00.00	+00:00:00.0	A		4.376	179.8	18:37:32.5	0.0	R	Harris	5	1 x 1
125003	Bias frame	0:00:00.00	+00:00:00.0	A		4.376	179.8	18:37:32.5	0.0	R	Harris	3	1 x 1
125004	Bias frame	0:00:00.00	+00:00:00.0	A		4.376	179.8	18:37:32.5	0.0	R	Harris	4	1 x 1
125005	Flat field	18:50:00.00	+29:59:59.9	B1950.00		1.001	179.8	19:20:48.4	3.0	V	Harris	1	1 x 1
125006	Flat field	18:50:00.00	+29:59:59.9	B1950.00		1.001	179.8	19:20:48.4	3.0	V	Harris	5	1 x 1
125007	Flat field	18:50:00.00	+29:59:59.9	B1950.00		1.001	179.8	19:20:48.4	3.0	V	Harris	3	1 x 1
125008	Flat field	18:50:00.00	+29:59:59.9	B1950.00		1.001	179.8	19:20:48.4	3.0	V	Harris	4	1 x 1
125009	Flat field	18:50:02.30	+30:00:00.0	B1950.00		1.001	179.8	19:24:00.5	6.6	V	Harris	1	1 x 1
125010	Flat field	18:50:02.30	+30:00:00.0	B1950.00		1.001	179.8	19:24:00.5	6.6	V	Harris	5	1 x 1
125011	Flat field	18:50:02.30	+30:00:00.0	B1950.00		1.001	179.8	19:24:00.5	6.6	V	Harris	3	1 x 1
125012	Flat field	18:50:02.30	+30:00:00.0	B1950.00		1.001	179.8	19:24:00.5	6.6	V	Harris	4	1 x 1
125013	Flat field	18:50:02.30	+29:59:59.9	B1950.00		1.000	179.8	19:27:17.1	17.9	V	Harris	1	1 x 1
125014	Flat field	18:50:02.30	+29:59:59.9	B1950.00		1.000	179.8	19:27:17.1	17.9	V	Harris	5	1 x 1
125015	Flat field	18:50:02.30	+29:59:59.9	B1950.00		1.000	179.8	19:27:17.1	17.9	V	Harris	3	1 x 1
125016	Flat field	18:50:02.30	+29:59:59.9	B1950.00		1.000	179.8	19:27:17.1	17.9	V	Harris	4	1 x 1
125017	Flat field	18:50:02.30	+30:00:00.0	B1950.00		1.000	179.8	19:30:43.9	35.6	I	INT-WFC	1	1 x 1
125018	Flat field	18:50:02.30	+30:00:00.0	B1950.00		1.000	179.8	19:30:43.9	35.6	I	INT-WFC	5	1 x 1
125019	Flat field	18:50:02.30	+30:00:00.0	B1950.00		1.000	179.8	19:30:43.9	35.6	I	INT-WFC	3	1 x 1
125020	Flat field	18:50:02.30	+30:00:00.0	B1950.00		1.000	179.8	19:30:43.9	35.6	I	INT-WFC	4	1 x 1
125021	Flat field	18:50:02.31	+29:59:59.9	B1950.00		1.000	179.8	19:34:36.4	76.6	I	INT-WFC	1	1 x 1
125022	Flat field	18:50:02.31	+29:59:59.9	B1950.00		1.000	179.8	19:34:36.4	76.6	I	INT-WFC	5	1 x 1
125023	Flat field	18:50:02.31	+29:59:59.9	B1950.00		1.000	179.8	19:34:36.4	76.6	I	INT-WFC	3	1 x 1
125024	Flat field	18:50:02.31	+29:59:59.9	B1950.00		1.000	179.8	19:34:36.4	76.6	I	INT-WFC	4	1 x 1
125025	Flat field	18:50:02.31	+30:00:00.0	B1950.00		1.001	179.8	19:38:53.5	100.0	I	INT-WFC	1	1 x 1
125026	Flat field	18:50:02.31	+30:00:00.0	B1950.00		1.001	179.8	19:38:53.5	100.0	I	INT-WFC	5	1 x 1
125027	Flat field	18:50:02.31	+30:00:00.0	B1950.00		1.001	179.8	19:38:53.5	100.0	I	INT-WFC	3	1 x 1
125028	Flat field	18:50:02.31	+30:00:00.0	B1950.00		1.001	179.8	19:38:53.5	100.0	I	INT-WFC	4	1 x 1
125033	Focus run	21:42:35.00	+00:18:30.9	J2000.00		1.326	179.8	20:17:35.2	10.1	V	Harris	1	1 x 1
125034	Focus run	21:42:35.00	+00:18:30.9	J2000.00		1.326	179.8	20:17:35.2	10.1	V	Harris	5	1 x 1
125035	Focus run	21:42:35.00	+00:18:30.9	J2000.00		1.326	179.8	20:17:35.2	10.1	V	Harris	3	1 x 1
125036	Focus run	21:42:35.00	+00:18:30.9	J2000.00		1.326	179.8	20:17:35.2	10.1	V	Harris	4	1 x 1
125041	sa113-163 V	21:42:35.00	+00:16:46.0	J2000.00		1.293	179.8	20:26:23.6	9.6	V	Harris	1	1 x 1
125042	sa113-163 V	21:42:35.00	+00:16:46.0	J2000.00		1.293	179.8	20:26:23.6	9.6	V	Harris	5	1 x 1
125043	sa113-163 V	21:42:35.00	+00:16:46.0	J2000.00		1.293	179.8	20:26:23.6	9.6	V	Harris	3	1 x 1
125044	sa113-163 V	21:42:35.00	+00:16:46.0	J2000.00		1.293	179.8	20:26:23.6	9.6	V	Harris	4	1 x 1
125045	sa113-163 R	21:42:35.00	+00:16:45.9	J2000.00		1.283	179.8	20:29:39.7	10.1	R	Harris	1	1 x 1
125046	sa113-163 R	21:42:35.00	+00:16:45.9	J2000.00		1.283	179.8	20:29:39.7	10.1	R	Harris	5	1 x 1
125047	sa113-163 R	21:42:35.00	+00:16:45.9	J2000.00		1.283	179.8	20:29:39.7	10.1	R	Harris	3	1 x 1
125048	sa113-163 R	21:42:35.00	+00:16:45.9	J2000.00		1.283	179.8	20:29:39.7	10.1	R	Harris	4	1 x 1
125049	sa113-163 I	21:42:35.00	+00:16:46.0	J2000.00		1.274	179.8	20:32:52.4	10.1	I	INT-WFC	1	1 x 1
125050	sa113-163 I	21:42:35.00	+00:16:46.0	J2000.00		1.274	179.8	20:32:52.4	10.1	I	INT-WFC	5	1 x 1
125051	sa113-163 I	21:42:35.00	+00:16:46.0	J2000.00		1.274	179.8	20:32:52.4	10.1	I	INT-WFC	3	1 x 1
125052	sa113-163 I	21:42:35.00	+00:16:46.0	J2000.00		1.274	179.8	20:32:52.4	10.1	I	INT-WFC	4	1 x 1
125053	pal12 I	21:43:50.50	-21:28:56.9	B1950.00		1.705	179.8	20:50:44.8	899.1	I	INT-WFC	1	1 x 1
125054	pal12 I	21:43:50.50	-21:28:56.9	B1950.00		1.705	179.8	20:50:44.8	899.1	I	INT-WFC	5	1 x 1
125055	pal12 I	21:43:50.50	-21:28:56.9	B1950.00		1.705	179.8	20:50:44.8	899.1	I	INT-WFC	3	1 x 1
125056	pal12 I	21:43:50.50	-21:28:56.9	B1950.00		1.705	179.8	20:50:44.8	899.1	I	INT-WFC	4	1 x 1
125061	pal12 V	21:43:50.50	-21:28:56.9	B1950.00		1.635	179.8	21:12:47.6	899.0	V	Harris	1	1 x 1

125062	pal12 V	21:43:50.50	-21:28:56.9	B1950.00	1.635	179.8	21:12:47.6	899.0	V	Harris	5	1 x 1
125063	pal12 V	21:43:50.50	-21:28:56.9	B1950.00	1.635	179.8	21:12:47.6	899.0	V	Harris	3	1 x 1
125064	pal12 V	21:43:50.50	-21:28:56.9	B1950.00	1.635	179.8	21:12:47.6	899.0	V	Harris	4	1 x 1
125065	pal12 R	21:43:50.49	-21:28:57.0	B1950.00	1.595	179.8	21:30:47.3	899.1	R	Harris	1	1 x 1
125066	pal12 R	21:43:50.49	-21:28:57.0	B1950.00	1.595	179.8	21:30:47.3	899.1	R	Harris	5	1 x 1
125067	pal12 R	21:43:50.49	-21:28:57.0	B1950.00	1.595	179.8	21:30:47.3	899.1	R	Harris	3	1 x 1
125068	pal12 R	21:43:50.49	-21:28:57.0	B1950.00	1.595	179.8	21:30:47.3	899.1	R	Harris	4	1 x 1
125073	2255+0556	22:55:53.20	+05:56:20.9	B1950.00	1.179	179.8	21:52:29.2	899.1	I	INT-WFC	1	1 x 1
125074	2255+0556	22:55:53.20	+05:56:20.9	B1950.00	1.179	179.8	21:52:29.2	899.1	I	INT-WFC	5	1 x 1
125075	2255+0556	22:55:53.20	+05:56:20.9	B1950.00	1.179	179.8	21:52:29.2	899.1	I	INT-WFC	3	1 x 1
125076	2255+0556	22:55:53.20	+05:56:20.9	B1950.00	1.179	179.8	21:52:29.2	899.1	I	INT-WFC	4	1 x 1
125077	2255+0556 V	22:55:53.20	+05:56:20.9	B1950.00	1.144	179.8	22:10:51.5	898.9	V	Harris	1	1 x 1
125078	2255+0556 V	22:55:53.20	+05:56:20.9	B1950.00	1.144	179.8	22:10:51.5	898.9	V	Harris	5	1 x 1
125079	2255+0556 V	22:55:53.20	+05:56:20.9	B1950.00	1.144	179.8	22:10:51.5	898.9	V	Harris	3	1 x 1
125080	2255+0556 V	22:55:53.20	+05:56:20.9	B1950.00	1.144	179.8	22:10:51.5	898.9	V	Harris	4	1 x 1
125081	2255+0556 R	22:55:53.20	+05:56:20.9	B1950.00	1.118	179.8	22:28:50.8	899.0	R	Harris	1	1 x 1
125082	2255+0556 R	22:55:53.20	+05:56:20.9	B1950.00	1.118	179.8	22:28:50.8	899.0	R	Harris	5	1 x 1
125083	2255+0556 R	22:55:53.20	+05:56:20.9	B1950.00	1.118	179.8	22:28:50.8	899.0	R	Harris	3	1 x 1
125084	2255+0556 R	22:55:53.20	+05:56:20.9	B1950.00	1.118	179.8	22:28:50.8	899.0	R	Harris	4	1 x 1
125089	f680 V	0:23:39.30	-11:18:56.9	B1950.00	1.555	179.8	22:50:43.9	899.0	V	Harris	1	1 x 1
125090	f680 V	0:23:39.30	-11:18:56.9	B1950.00	1.555	179.8	22:50:43.9	899.0	V	Harris	5	1 x 1
125091	f680 V	0:23:39.30	-11:18:56.9	B1950.00	1.555	179.8	22:50:43.9	899.0	V	Harris	3	1 x 1
125092	f680 V	0:23:39.30	-11:18:56.9	B1950.00	1.555	179.8	22:50:43.9	899.0	V	Harris	4	1 x 1
125093	f680 R	0:23:39.30	-11:18:57.0	B1950.00	1.479	179.8	23:08:49.7	899.0	R	Harris	1	1 x 1
125094	f680 R	0:23:39.30	-11:18:57.0	B1950.00	1.479	179.8	23:08:49.7	899.0	R	Harris	5	1 x 1
125095	f680 R	0:23:39.30	-11:18:57.0	B1950.00	1.479	179.8	23:08:49.7	899.0	R	Harris	3	1 x 1
125096	f680 R	0:23:39.30	-11:18:57.0	B1950.00	1.479	179.8	23:08:49.7	899.0	R	Harris	4	1 x 1
125097	f680 I	0:23:39.30	-11:18:56.9	B1950.00	1.420	179.8	23:26:52.8	899.0	I	INT-WFC	1	1 x 1
125098	f680 I	0:23:39.30	-11:18:56.9	B1950.00	1.420	179.8	23:26:52.8	899.0	I	INT-WFC	5	1 x 1
125099	f680 I	0:23:39.30	-11:18:56.9	B1950.00	1.420	179.8	23:26:52.8	899.0	I	INT-WFC	3	1 x 1
125100	f680 I	0:23:39.30	-11:18:56.9	B1950.00	1.420	179.8	23:26:52.8	899.0	I	INT-WFC	4	1 x 1
125101	sa92-335 V	0:55:00.00	+00:44:12.9	J2000.00	1.261	179.8	23:47:33.5	10.1	V	Harris	1	1 x 1
125102	sa92-335 V	0:55:00.00	+00:44:12.9	J2000.00	1.261	179.8	23:47:33.5	10.1	V	Harris	5	1 x 1
125103	sa92-335 V	0:55:00.00	+00:44:12.9	J2000.00	1.261	179.8	23:47:33.5	10.1	V	Harris	3	1 x 1
125104	sa92-335 V	0:55:00.00	+00:44:12.9	J2000.00	1.261	179.8	23:47:33.5	10.1	V	Harris	4	1 x 1
125105	sa92-335 R	0:55:00.00	+00:44:12.9	J2000.00	1.252	179.8	23:50:48.8	10.1	R	Harris	1	1 x 1
125106	sa92-335 R	0:55:00.00	+00:44:12.9	J2000.00	1.252	179.8	23:50:48.8	10.1	R	Harris	5	1 x 1
125107	sa92-335 R	0:55:00.00	+00:44:12.9	J2000.00	1.252	179.8	23:50:48.8	10.1	R	Harris	3	1 x 1
125108	sa92-335 R	0:55:00.00	+00:44:12.9	J2000.00	1.252	179.8	23:50:48.8	10.1	R	Harris	4	1 x 1
125109	sa92-335 I	0:55:00.00	+00:44:12.9	J2000.00	1.244	179.8	23:54:01.6	9.6	I	INT-WFC	1	1 x 1
125110	sa92-335 I	0:55:00.00	+00:44:12.9	J2000.00	1.244	179.8	23:54:01.6	9.6	I	INT-WFC	5	1 x 1
125111	sa92-335 I	0:55:00.00	+00:44:12.9	J2000.00	1.244	179.8	23:54:01.6	9.6	I	INT-WFC	3	1 x 1
125112	sa92-335 I	0:55:00.00	+00:44:12.9	J2000.00	1.244	179.8	23:54:01.6	9.6	I	INT-WFC	4	1 x 1
125113	0000-2000 V	24:00:00.00	-20:00:00.0	B1950.00	1.524	179.8	00:01:38.2	899.0	V	Harris	1	1 x 1
125114	0000-2000 V	24:00:00.00	-20:00:00.0	B1950.00	1.524	179.8	00:01:38.2	899.0	V	Harris	5	1 x 1
125115	0000-2000 V	24:00:00.00	-20:00:00.0	B1950.00	1.524	179.8	00:01:38.2	899.0	V	Harris	3	1 x 1
125116	0000-2000 V	24:00:00.00	-20:00:00.0	B1950.00	1.524	179.8	00:01:38.2	899.0	V	Harris	4	1 x 1
125117	0000-2000 R	11:59:59.99	-19:59:59.9	B1950.00	1.510	179.8	00:19:43.0	899.1	R	Harris	1	1 x 1
125118	0000-2000 R	11:59:59.99	-19:59:59.9	B1950.00	1.510	179.8	00:19:43.0	899.1	R	Harris	5	1 x 1
125119	0000-2000 R	11:59:59.99	-19:59:59.9	B1950.00	1.510	179.8	00:19:43.0	899.1	R	Harris	3	1 x 1
125120	0000-2000 R	11:59:59.99	-19:59:59.9	B1950.00	1.510	179.8	00:19:43.0	899.1	R	Harris	4	1 x 1
125121	0000-2000 I	23:59:59.99	-20:00:00.0	B1950.00	1.508	179.8	00:37:45.4	898.6	I	INT-WFC	1	1 x 1
125122	0000-2000 I	23:59:59.99	-20:00:00.0	B1950.00	1.508	179.8	00:37:45.4	898.6	I	INT-WFC	5	1 x 1
125123	0000-2000 I	23:59:59.99	-20:00:00.0	B1950.00	1.508	179.8	00:37:45.4	898.6	I	INT-WFC	3	1 x 1
125124	0000-2000 I	23:59:59.99	-20:00:00.0	B1950.00	1.508	179.8	00:37:45.4	898.6	I	INT-WFC	4	1 x 1
125125	0123+1232 V	1:23:34.60	+12:32:48.9	B1950.00	1.068	179.8	00:59:57.8	899.1	V	Harris	1	1 x 1
125126	0123+1232 V	1:23:34.60	+12:32:48.9	B1950.00	1.068	179.8	00:59:57.8	899.1	V	Harris	5	1 x 1
125127	0123+1232 V	1:23:34.60	+12:32:48.9	B1950.00	1.068	179.8	00:59:57.8	899.1	V	Harris	3	1 x 1
125128	0123+1232 V	1:23:34.60	+12:32:48.9	B1950.00	1.068	179.8	00:59:57.8	899.1	V	Harris	4	1 x 1
125129	0123+1232 R	1:23:34.59	+12:32:49.0	B1950.00	1.053	179.8	01:18:04.4	898.8	R	Harris	1	1 x 1
125130	0123+1232 R	1:23:34.59	+12:32:49.0	B1950.00	1.053	179.8	01:18:04.4	898.8	R	Harris	5	1 x 1
125131	0123+1232 R	1:23:34.59	+12:32:49.0	B1950.00	1.053	179.8	01:18:04.4	898.8	R	Harris	3	1 x 1

125132	0123+1232	R	1:23:34.59	+12:32:49.0	B1950.00	1.053	179.8	01:18:04.4	898.8	R	Harris	4	1 x 1
125133	0123+1232	I	1:23:34.60	+12:32:49.0	B1950.00	1.044	179.8	01:36:07.6	899.1	I	INT-WFC	1	1 x 1
125134	0123+1232	I	1:23:34.60	+12:32:49.0	B1950.00	1.044	179.8	01:36:07.6	899.1	I	INT-WFC	5	1 x 1
125135	0123+1232	I	1:23:34.60	+12:32:49.0	B1950.00	1.044	179.8	01:36:07.6	899.1	I	INT-WFC	3	1 x 1
125136	0123+1232	I	1:23:34.60	+12:32:49.0	B1950.00	1.044	179.8	01:36:07.6	899.1	I	INT-WFC	4	1 x 1
125137	0316+1006	V	3:16:08.30	+10:06:07.9	B1950.00	1.175	179.8	01:58:20.5	899.2	V	Harris	1	1 x 1
125138	0316+1006	V	3:16:08.30	+10:06:07.9	B1950.00	1.175	179.8	01:58:20.5	899.2	V	Harris	5	1 x 1
125139	0316+1006	V	3:16:08.30	+10:06:07.9	B1950.00	1.175	179.8	01:58:20.5	899.2	V	Harris	3	1 x 1
125140	0316+1006	V	3:16:08.30	+10:06:07.9	B1950.00	1.175	179.8	01:58:20.5	899.2	V	Harris	4	1 x 1
125141	0316+1006	R	3:16:08.30	+10:06:08.1	B1950.00	1.136	179.8	02:16:26.5	899.0	R	Harris	1	1 x 1
125142	0316+1006	R	3:16:08.30	+10:06:08.1	B1950.00	1.136	179.8	02:16:26.5	899.0	R	Harris	5	1 x 1
125143	0316+1006	R	3:16:08.30	+10:06:08.1	B1950.00	1.136	179.8	02:16:26.5	899.0	R	Harris	3	1 x 1
125144	0316+1006	R	3:16:08.30	+10:06:08.1	B1950.00	1.136	179.8	02:16:26.5	899.0	R	Harris	4	1 x 1
125145	0316+1006	I	3:16:08.29	+10:06:07.9	B1950.00	1.106	179.8	02:34:29.2	899.0	I	INT-WFC	1	1 x 1
125146	0316+1006	I	3:16:08.29	+10:06:07.9	B1950.00	1.106	179.8	02:34:29.2	899.0	I	INT-WFC	5	1 x 1
125147	0316+1006	I	3:16:08.29	+10:06:07.9	B1950.00	1.106	179.8	02:34:29.2	899.0	I	INT-WFC	3	1 x 1
125148	0316+1006	I	3:16:08.29	+10:06:07.9	B1950.00	1.106	179.8	02:34:29.2	899.0	I	INT-WFC	4	1 x 1
125149	sa95-330	V	3:54:31.00	+00:29:05.0	J2000.00	1.239	179.8	02:56:11.7	9.6	V	Harris	1	1 x 1
125150	sa95-330	V	3:54:31.00	+00:29:05.0	J2000.00	1.239	179.8	02:56:11.7	9.6	V	Harris	5	1 x 1
125151	sa95-330	V	3:54:31.00	+00:29:05.0	J2000.00	1.239	179.8	02:56:11.7	9.6	V	Harris	3	1 x 1
125152	sa95-330	V	3:54:31.00	+00:29:05.0	J2000.00	1.239	179.8	02:56:11.7	9.6	V	Harris	4	1 x 1
125153	sa95-330	R	3:54:31.00	+00:29:05.0	J2000.00	1.232	179.8	02:59:27.3	10.0	R	Harris	1	1 x 1
125154	sa95-330	R	3:54:31.00	+00:29:05.0	J2000.00	1.232	179.8	02:59:27.3	10.0	R	Harris	5	1 x 1
125155	sa95-330	R	3:54:31.00	+00:29:05.0	J2000.00	1.232	179.8	02:59:27.3	10.0	R	Harris	3	1 x 1
125156	sa95-330	R	3:54:31.00	+00:29:05.0	J2000.00	1.232	179.8	02:59:27.3	10.0	R	Harris	4	1 x 1
125157	sa95-330	I	3:54:31.00	+00:29:04.9	J2000.00	1.225	179.8	03:02:41.0	10.1	I	INT-WFC	1	1 x 1
125158	sa95-330	I	3:54:31.00	+00:29:04.9	J2000.00	1.225	179.8	03:02:41.0	10.1	I	INT-WFC	5	1 x 1
125159	sa95-330	I	3:54:31.00	+00:29:04.9	J2000.00	1.225	179.8	03:02:41.0	10.1	I	INT-WFC	3	1 x 1
125160	sa95-330	I	3:54:31.00	+00:29:04.9	J2000.00	1.225	179.8	03:02:41.0	10.1	I	INT-WFC	4	1 x 1
125161	0351+1127	V	3:51:30.90	+11:27:32.0	B1950.00	1.097	179.8	03:09:35.6	899.1	V	Harris	1	1 x 1
125162	0351+1127	V	3:51:30.90	+11:27:32.0	B1950.00	1.097	179.8	03:09:35.6	899.1	V	Harris	5	1 x 1
125163	0351+1127	V	3:51:30.90	+11:27:32.0	B1950.00	1.097	179.8	03:09:35.6	899.1	V	Harris	3	1 x 1
125164	0351+1127	V	3:51:30.90	+11:27:32.0	B1950.00	1.097	179.8	03:09:35.6	899.1	V	Harris	4	1 x 1
125165	0351+1127	R	3:51:30.89	+11:27:32.0	B1950.00	1.075	179.8	03:27:41.3	899.1	R	Harris	1	1 x 1
125166	0351+1127	R	3:51:30.89	+11:27:32.0	B1950.00	1.075	179.8	03:27:41.3	899.1	R	Harris	5	1 x 1
125167	0351+1127	R	3:51:30.89	+11:27:32.0	B1950.00	1.075	179.8	03:27:41.3	899.1	R	Harris	3	1 x 1
125168	0351+1127	R	3:51:30.89	+11:27:32.0	B1950.00	1.075	179.8	03:27:41.3	899.1	R	Harris	4	1 x 1
125169	0351+1127	I	3:51:30.90	+11:27:32.1	B1950.00	1.059	179.8	03:45:44.4	899.2	I	INT-WFC	1	1 x 1
125170	0351+1127	I	3:51:30.90	+11:27:32.1	B1950.00	1.059	179.8	03:45:44.4	899.2	I	INT-WFC	5	1 x 1
125171	0351+1127	I	3:51:30.90	+11:27:32.1	B1950.00	1.059	179.8	03:45:44.4	899.2	I	INT-WFC	3	1 x 1
125172	0351+1127	I	3:51:30.90	+11:27:32.1	B1950.00	1.059	179.8	03:45:44.4	899.2	I	INT-WFC	4	1 x 1
125173	0357+0908	V	3:57:30.19	+09:08:43.3	B1950.00	1.066	179.8	04:06:35.1	899.1	V	Harris	1	1 x 1
125174	0357+0908	V	3:57:30.19	+09:08:43.3	B1950.00	1.066	179.8	04:06:35.1	899.1	V	Harris	5	1 x 1
125175	0357+0908	V	3:57:30.19	+09:08:43.3	B1950.00	1.066	179.8	04:06:35.1	899.1	V	Harris	3	1 x 1
125176	0357+0908	V	3:57:30.19	+09:08:43.3	B1950.00	1.066	179.8	04:06:35.1	899.1	V	Harris	4	1 x 1
125177	0357+0908	R	3:57:30.19	+09:08:43.1	B1950.00	1.061	179.8	04:24:40.1	899.3	R	Harris	1	1 x 1
125178	0357+0908	R	3:57:30.19	+09:08:43.1	B1950.00	1.061	179.8	04:24:40.1	899.3	R	Harris	5	1 x 1
125179	0357+0908	R	3:57:30.19	+09:08:43.1	B1950.00	1.061	179.8	04:24:40.1	899.3	R	Harris	3	1 x 1
125180	0357+0908	R	3:57:30.19	+09:08:43.1	B1950.00	1.061	179.8	04:24:40.1	899.3	R	Harris	4	1 x 1
125181	0357+0908	I	3:57:30.19	+09:08:43.0	B1950.00	1.062	179.8	04:42:43.4	899.2	I	INT-WFC	1	1 x 1
125182	0357+0908	I	3:57:30.19	+09:08:43.0	B1950.00	1.062	179.8	04:42:43.4	899.2	I	INT-WFC	5	1 x 1
125183	0357+0908	I	3:57:30.19	+09:08:43.0	B1950.00	1.062	179.8	04:42:43.4	899.2	I	INT-WFC	3	1 x 1
125184	0357+0908	I	3:57:30.19	+09:08:43.0	B1950.00	1.062	179.8	04:42:43.4	899.2	I	INT-WFC	4	1 x 1