INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:             INT
DATE:                  1998 OCT 18/19
INT TAPE NR:           INTD 3827
OBSERVER:              M. Irwin
PROGRAMME:             Wide Field Survey
PATT/CAT:              WFS09
TELESCOPE OPERATOR:    P. Sorensen
SUPPORT ASTRONOMER:    N/A

FOCUS:                 PRIME
INSTRUMENT:            WFC
FILTER WHEEL (PF):     UkpBVRIZ
CAMERA (IDS):          -
COLLIMATOR (IDS):      -
COLL. FOCUS (IDS):     -
GRATING (IDS):         -
DETECTOR:              4 EEV 2kx4k
PIXELS:                2148x4200
PIXEL SIZE (microns): 13.5
WINDOW:                Xstart=0, Xsize=2048, Ystart=0, Ysize=4200
BINNING:               in X=1, in Y=1

WEATHER:               Good
OUTSIDE TEMP (deg C):   11             (FIRST HALF)
OUTSIDE TEMP (deg C):   10             (SECOND HALF)
HUMIDITY (%):           25             (FIRST HALF)
HUMIDITY (%):           25             (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):       0.9             (FIRST HALF)
SEEING (arcsec):       1.1             (SECOND HALF)
AV. SEEING (arcsec):     -
NO. SEEING MEASURES:     -

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

DARK HOURS:            09:55
DOME OPEN (UTC):       19:20
MOON PHASE (D/G/B):        D
DK HRS LOST (WEATHER):00:00
DK HRS LOST (TELESC): 00:10
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):     00:10
DK HRS LOST (OTHER):   00:00

COMMENTS:


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

 128829 Bias frame            0:00:00.00 +00:00:00.0 J2000.00 4.243 179.8 14:56:29.9      0.0        V     Harris    1      1 x 1
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128830	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.243	179.8	14:56:29.9	0.0	V	Harris	5	1 x 1
128831	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.243	179.8	14:56:29.9	0.0	V	Harris	3	1 x 1
128832	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.243	179.8	14:56:29.9	0.0	V	Harris	4	1 x 1
128833	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.243	179.8	14:59:20.8	0.0	V	Harris	1	1 x 1
128834	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.243	179.8	14:59:20.8	0.0	V	Harris	5	1 x 1
128835	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.243	179.8	14:59:20.8	0.0	V	Harris	3	1 x 1
128836	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.243	179.8	14:59:20.8	0.0	V	Harris	4	1 x 1
128837	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.243	179.8	15:02:11.8	0.0	V	Harris	1	1 x 1
128838	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.243	179.8	15:02:11.8	0.0	V	Harris	5	1 x 1
128839	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.243	179.8	15:02:11.8	0.0	V	Harris	3	1 x 1
128840	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.243	179.8	15:02:11.8	0.0	V	Harris	4	1 x 1
128841	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.243	179.8	15:05:01.9	0.0	V	Harris	1	1 x 1
128842	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.243	179.8	15:05:01.9	0.0	V	Harris	5	1 x 1
128843	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.243	179.8	15:05:01.9	0.0	V	Harris	3	1 x 1
128844	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.243	179.8	15:05:01.9	0.0	V	Harris	4	1 x 1
128845	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.243	179.8	15:07:51.5	0.0	V	Harris	1	1 x 1
128846	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.243	179.8	15:07:51.5	0.0	V	Harris	5	1 x 1
128847	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.243	179.8	15:07:51.5	0.0	V	Harris	3	1 x 1
128848	Bias frame	0:00:00.00	+00:00:00.0	J2000.00	4.243	179.8	15:07:51.5	0.0	V	Harris	4	1 x 1
128849	Flat field	19:59:59.99	+30:00:00.0	J2000.00	1.004	179.8	19:00:20.7	2.1	B	KpnoB	1	1 x 1
128850	Flat field	19:59:59.99	+30:00:00.0	J2000.00	1.004	179.8	19:00:20.7	2.1	B	KpnoB	5	1 x 1
128851	Flat field	19:59:59.99	+30:00:00.0	J2000.00	1.004	179.8	19:00:20.7	2.1	B	KpnoB	3	1 x 1
128852	Flat field	19:59:59.99	+30:00:00.0	J2000.00	1.004	179.8	19:00:20.7	2.1	B	KpnoB	4	1 x 1
128853	Flat field	20:00:02.31	+29:59:59.9	J2000.00	1.003	179.8	19:03:26.2	2.1	B	KpnoB	1	1 x 1
128854	Flat field	20:00:02.31	+29:59:59.9	J2000.00	1.003	179.8	19:03:26.2	2.1	B	KpnoB	5	1 x 1
128855	Flat field	20:00:02.31	+29:59:59.9	J2000.00	1.003	179.8	19:03:26.2	2.1	B	KpnoB	3	1 x 1
128856	Flat field	20:00:02.31	+29:59:59.9	J2000.00	1.003	179.8	19:03:26.2	2.1	B	KpnoB	4	1 x 1
128857	Flat field	20:00:02.30	+30:00:30.0	J2000.00	1.002	179.8	19:06:24.3	8.1	B	KpnoB	1	1 x 1
128858	Flat field	20:00:02.30	+30:00:30.0	J2000.00	1.002	179.8	19:06:24.3	8.1	B	KpnoB	5	1 x 1
128859	Flat field	20:00:02.30	+30:00:30.0	J2000.00	1.002	179.8	19:06:24.3	8.1	B	KpnoB	3	1 x 1
128860	Flat field	20:00:02.30	+30:00:30.0	J2000.00	1.002	179.8	19:06:24.3	8.1	B	KpnoB	4	1 x 1
128861	Flat field	20:00:02.30	+30:00:30.0	J2000.00	1.002	179.8	19:09:34.5	16.1	V	Harris	1	1 x 1
128862	Flat field	20:00:02.30	+30:00:30.0	J2000.00	1.002	179.8	19:09:34.5	16.1	V	Harris	5	1 x 1
128863	Flat field	20:00:02.30	+30:00:30.0	J2000.00	1.002	179.8	19:09:34.5	16.1	V	Harris	3	1 x 1
128864	Flat field	20:00:02.30	+30:00:30.0	J2000.00	1.002	179.8	19:09:34.5	16.1	V	Harris	4	1 x 1
128865	Flat field	20:00:02.30	+29:59:59.9	J2000.00	1.001	179.8	19:12:58.8	32.1	V	Harris	1	1 x 1
128866	Flat field	20:00:02.30	+29:59:59.9	J2000.00	1.001	179.8	19:12:58.8	32.1	V	Harris	5	1 x 1
128867	Flat field	20:00:02.30	+29:59:59.9	J2000.00	1.001	179.8	19:12:58.8	32.1	V	Harris	3	1 x 1
128868	Flat field	20:00:02.30	+29:59:59.9	J2000.00	1.001	179.8	19:12:58.8	32.1	V	Harris	4	1 x 1
128869	Flat field	19:59:59.99	+29:59:59.9	J2000.00	1.000	179.8	19:16:29.3	84.0	V	Harris	1	1 x 1
128870	Flat field	19:59:59.99	+29:59:59.9	J2000.00	1.000	179.8	19:16:29.3	84.0	V	Harris	5	1 x 1
128871	Flat field	19:59:59.99	+29:59:59.9	J2000.00	1.000	179.8	19:16:29.3	84.0	V	Harris	3	1 x 1
128872	Flat field	19:59:59.99	+29:59:59.9	J2000.00	1.000	179.8	19:16:29.3	84.0	V	Harris	4	1 x 1
128877	Focus run	21:42:35.00	+00:18:30.9	J2000.00	1.236	179.8	19:34:39.5	9.6	B	KpnoB	1	1 x 1
128878	Focus run	21:42:35.00	+00:18:30.9	J2000.00	1.236	179.8	19:34:39.5	9.6	B	KpnoB	5	1 x 1
128879	Focus run	21:42:35.00	+00:18:30.9	J2000.00	1.236	179.8	19:34:39.5	9.6	B	KpnoB	3	1 x 1
128880	Focus run	21:42:35.00	+00:18:30.9	J2000.00	1.236	179.8	19:34:39.5	9.6	B	KpnoB	4	1 x 1
128881	Focus run	21:42:35.00	+00:20:16.0	J2000.00	1.221	179.8	19:41:10.2	10.1	V	Harris	1	1 x 1
128882	Focus run	21:42:35.00	+00:20:16.0	J2000.00	1.221	179.8	19:41:10.2	10.1	V	Harris	5	1 x 1
128883	Focus run	21:42:35.00	+00:20:16.0	J2000.00	1.221	179.8	19:41:10.2	10.1	V	Harris	3	1 x 1
128884	Focus run	21:42:35.00	+00:20:16.0	J2000.00	1.221	179.8	19:41:10.2	10.1	V	Harris	4	1 x 1
128885	sa113-163 V	21:42:35.00	+00:16:46.0	J2000.00	1.205	179.8	19:48:09.4	5.1	V	Harris	1	1 x 1
128886	sa113-163 V	21:42:35.00	+00:16:46.0	J2000.00	1.205	179.8	19:48:09.4	5.1	V	Harris	5	1 x 1
128887	sa113-163 V	21:42:35.00	+00:16:46.0	J2000.00	1.205	179.8	19:48:09.4	5.1	V	Harris	3	1 x 1
128888	sa113-163 V	21:42:35.00	+00:16:46.0	J2000.00	1.205	179.8	19:48:09.4	5.1	V	Harris	4	1 x 1
128889	sa113-163 B	21:42:35.00	+00:16:46.0	J2000.00	1.200	179.8	19:51:15.4	4.6	B	KpnoB	1	1 x 1
128890	sa113-163 B	21:42:35.00	+00:16:46.0	J2000.00	1.200	179.8	19:51:15.4	4.6	B	KpnoB	5	1 x 1
128891	sa113-163 B	21:42:35.00	+00:16:46.0	J2000.00	1.200	179.8	19:51:15.4	4.6	B	KpnoB	3	1 x 1
128892	sa113-163 B	21:42:35.00	+00:16:46.0	J2000.00	1.200	179.8	19:51:15.4	4.6	B	KpnoB	4	1 x 1
128893	sa113-163 R	21:42:34.99	+00:16:46.0	J2000.00	1.194	179.8	19:54:38.7	5.1	R	Harris	1	1 x 1
128894	sa113-163 R	21:42:34.99	+00:16:46.0	J2000.00	1.194	179.8	19:54:38.7	5.1	R	Harris	5	1 x 1
128895	sa113-163 R	21:42:34.99	+00:16:46.0	J2000.00	1.194	179.8	19:54:38.7	5.1	R	Harris	3	1 x 1

128896	sa113-163 R	21:42:34.99	+00:16:46.0	J2000.00	1.194	179.8	19:54:38.7	5.1	R	Harris	4	1 x 1
128897	sa113-163 I	21:42:35.00	+00:16:45.9	J2000.00	1.189	179.8	19:57:44.0	5.1	I	INT-WFC	1	1 x 1
128898	sa113-163 I	21:42:35.00	+00:16:45.9	J2000.00	1.189	179.8	19:57:44.0	5.1	I	INT-WFC	5	1 x 1
128899	sa113-163 I	21:42:35.00	+00:16:45.9	J2000.00	1.189	179.8	19:57:44.0	5.1	I	INT-WFC	3	1 x 1
128900	sa113-163 I	21:42:35.00	+00:16:45.9	J2000.00	1.189	179.8	19:57:44.0	5.1	I	INT-WFC	4	1 x 1
128901	wfsj2240+0000_024	22:38:56.00	+00:20:00.0	J2000.00	1.283	179.8	20:06:18.9	599.5	V	Harris	1	1 x 1
128902	wfsj2240+0000_024	22:38:56.00	+00:20:00.0	J2000.00	1.283	179.8	20:06:18.9	599.5	V	Harris	5	1 x 1
128903	wfsj2240+0000_024	22:38:56.00	+00:20:00.0	J2000.00	1.283	179.8	20:06:18.9	599.5	V	Harris	3	1 x 1
128904	wfsj2240+0000_024	22:38:56.00	+00:20:00.0	J2000.00	1.283	179.8	20:06:18.9	599.5	V	Harris	4	1 x 1
128905	wfsj2240+0000_024	22:38:56.00	+00:19:59.9	J2000.00	1.248	179.8	20:19:21.7	599.5	B	KpnoB	1	1 x 1
128906	wfsj2240+0000_024	22:38:56.00	+00:19:59.9	J2000.00	1.248	179.8	20:19:21.7	599.5	B	KpnoB	5	1 x 1
128907	wfsj2240+0000_024	22:38:56.00	+00:19:59.9	J2000.00	1.248	179.8	20:19:21.7	599.5	B	KpnoB	3	1 x 1
128908	wfsj2240+0000_024	22:38:56.00	+00:19:59.9	J2000.00	1.248	179.8	20:19:21.7	599.5	B	KpnoB	4	1 x 1
128909	wfsj2240+0000_024	22:38:56.00	+00:19:59.9	J2000.00	1.218	179.8	20:32:27.8	599.4	I	INT-WFC	1	1 x 1
128910	wfsj2240+0000_024	22:38:56.00	+00:19:59.9	J2000.00	1.218	179.8	20:32:27.8	599.4	I	INT-WFC	5	1 x 1
128911	wfsj2240+0000_024	22:38:56.00	+00:19:59.9	J2000.00	1.218	179.8	20:32:27.8	599.4	I	INT-WFC	3	1 x 1
128912	wfsj2240+0000_024	22:38:56.00	+00:19:59.9	J2000.00	1.218	179.8	20:32:27.8	599.4	I	INT-WFC	4	1 x 1
128913	wfsj2240+0000_024	22:38:56.00	+00:20:00.0	J2000.00	1.194	179.8	20:45:31.2	599.5	R	Harris	1	1 x 1
128914	wfsj2240+0000_024	22:38:56.00	+00:20:00.0	J2000.00	1.194	179.8	20:45:31.2	599.5	R	Harris	5	1 x 1
128915	wfsj2240+0000_024	22:38:56.00	+00:20:00.0	J2000.00	1.194	179.8	20:45:31.2	599.5	R	Harris	3	1 x 1
128916	wfsj2240+0000_024	22:38:56.00	+00:20:00.0	J2000.00	1.194	179.8	20:45:31.2	599.5	R	Harris	4	1 x 1
128917	wfsj2240+0000_033	22:41:04.00	+00:20:00.0	J2000.00	1.175	179.8	20:59:55.3	599.4	V	Harris	1	1 x 1
128918	wfsj2240+0000_033	22:41:04.00	+00:20:00.0	J2000.00	1.175	179.8	20:59:55.3	599.4	V	Harris	5	1 x 1
128919	wfsj2240+0000_033	22:41:04.00	+00:20:00.0	J2000.00	1.175	179.8	20:59:55.3	599.4	V	Harris	3	1 x 1
128920	wfsj2240+0000_033	22:41:04.00	+00:20:00.0	J2000.00	1.175	179.8	20:59:55.3	599.4	V	Harris	4	1 x 1
128921	wfsj2240+0000_033	22:41:04.00	+00:20:00.0	J2000.00	1.160	179.8	21:12:58.0	599.6	B	KpnoB	1	1 x 1
128922	wfsj2240+0000_033	22:41:04.00	+00:20:00.0	J2000.00	1.160	179.8	21:12:58.0	599.6	B	KpnoB	5	1 x 1
128923	wfsj2240+0000_033	22:41:04.00	+00:20:00.0	J2000.00	1.160	179.8	21:12:58.0	599.6	B	KpnoB	3	1 x 1
128924	wfsj2240+0000_033	22:41:04.00	+00:20:00.0	J2000.00	1.160	179.8	21:12:58.0	599.6	B	KpnoB	4	1 x 1
128925	wfsj2240+0000_033	22:41:04.00	+00:19:59.9	J2000.00	1.149	179.8	21:26:03.3	599.4	I	INT-WFC	1	1 x 1
128926	wfsj2240+0000_033	22:41:04.00	+00:19:59.9	J2000.00	1.149	179.8	21:26:03.3	599.4	I	INT-WFC	5	1 x 1
128927	wfsj2240+0000_033	22:41:04.00	+00:19:59.9	J2000.00	1.149	179.8	21:26:03.3	599.4	I	INT-WFC	3	1 x 1
128928	wfsj2240+0000_033	22:41:04.00	+00:19:59.9	J2000.00	1.149	179.8	21:26:03.3	599.4	I	INT-WFC	4	1 x 1
128929	wfsj2240+0000_033	22:41:04.00	+00:20:00.0	J2000.00	1.141	179.8	21:39:06.8	599.3	R	Harris	1	1 x 1
128930	wfsj2240+0000_033	22:41:04.00	+00:20:00.0	J2000.00	1.141	179.8	21:39:06.8	599.3	R	Harris	5	1 x 1
128931	wfsj2240+0000_033	22:41:04.00	+00:20:00.0	J2000.00	1.141	179.8	21:39:06.8	599.3	R	Harris	3	1 x 1
128932	wfsj2240+0000_033	22:41:04.00	+00:20:00.0	J2000.00	1.141	179.8	21:39:06.8	599.3	R	Harris	4	1 x 1
128933	wfsj2240+0000_025	22:38:56.00	+00:40:00.0	J2000.00	1.137	179.8	22:14:58.4	599.6	V	Harris	1	1 x 1
128934	wfsj2240+0000_025	22:38:56.00	+00:40:00.0	J2000.00	1.137	179.8	22:14:58.4	599.6	V	Harris	5	1 x 1
128935	wfsj2240+0000_025	22:38:56.00	+00:40:00.0	J2000.00	1.137	179.8	22:14:58.4	599.6	V	Harris	3	1 x 1
128936	wfsj2240+0000_025	22:38:56.00	+00:40:00.0	J2000.00	1.137	179.8	22:14:58.4	599.6	V	Harris	4	1 x 1
128937	wfsj2240+0000_025	22:38:56.00	+00:39:59.9	J2000.00	1.144	179.8	22:28:02.0	599.5	B	KpnoB	1	1 x 1
128938	wfsj2240+0000_025	22:38:56.00	+00:39:59.9	J2000.00	1.144	179.8	22:28:02.0	599.5	B	KpnoB	5	1 x 1
128939	wfsj2240+0000_025	22:38:56.00	+00:39:59.9	J2000.00	1.144	179.8	22:28:02.0	599.5	B	KpnoB	3	1 x 1
128940	wfsj2240+0000_025	22:38:56.00	+00:39:59.9	J2000.00	1.144	179.8	22:28:02.0	599.5	B	KpnoB	4	1 x 1
128941	wfsj2240+0000_025	22:38:56.00	+00:39:59.9	J2000.00	1.155	179.8	22:41:07.2	599.4	I	INT-WFC	1	1 x 1
128942	wfsj2240+0000_025	22:38:56.00	+00:39:59.9	J2000.00	1.155	179.8	22:41:07.2	599.4	I	INT-WFC	5	1 x 1
128943	wfsj2240+0000_025	22:38:56.00	+00:39:59.9	J2000.00	1.155	179.8	22:41:07.2	599.4	I	INT-WFC	3	1 x 1
128944	wfsj2240+0000_025	22:38:56.00	+00:39:59.9	J2000.00	1.155	179.8	22:41:07.2	599.4	I	INT-WFC	4	1 x 1
128945	wfsj2240+0000_025	22:38:56.00	+00:40:00.0	J2000.00	1.170	179.8	22:54:11.0	599.5	R	Harris	1	1 x 1
128946	wfsj2240+0000_025	22:38:56.00	+00:40:00.0	J2000.00	1.170	179.8	22:54:11.0	599.5	R	Harris	5	1 x 1
128947	wfsj2240+0000_025	22:38:56.00	+00:40:00.0	J2000.00	1.170	179.8	22:54:11.0	599.5	R	Harris	3	1 x 1
128948	wfsj2240+0000_025	22:38:56.00	+00:40:00.0	J2000.00	1.170	179.8	22:54:11.0	599.5	R	Harris	4	1 x 1
128949	wfsj2240+0000_034	22:41:03.99	+00:40:00.0	J2000.00	1.203	179.8	23:17:20.7	599.4	V	Harris	1	1 x 1
128950	wfsj2240+0000_034	22:41:03.99	+00:40:00.0	J2000.00	1.203	179.8	23:17:20.7	599.4	V	Harris	5	1 x 1
128951	wfsj2240+0000_034	22:41:03.99	+00:40:00.0	J2000.00	1.203	179.8	23:17:20.7	599.4	V	Harris	3	1 x 1
128952	wfsj2240+0000_034	22:41:03.99	+00:40:00.0	J2000.00	1.203	179.8	23:17:20.7	599.4	V	Harris	4	1 x 1
128953	wfsj2240+0000_034	22:41:04.00	+00:39:59.8	J2000.00	1.230	179.8	23:30:23.8	599.4	B	KpnoB	1	1 x 1
128954	wfsj2240+0000_034	22:41:04.00	+00:39:59.8	J2000.00	1.230	179.8	23:30:23.8	599.4	B	KpnoB	5	1 x 1
128955	wfsj2240+0000_034	22:41:04.00	+00:39:59.8	J2000.00	1.230	179.8	23:30:23.8	599.4	B	KpnoB	3	1 x 1
128956	wfsj2240+0000_034	22:41:04.00	+00:39:59.8	J2000.00	1.230	179.8	23:30:23.8	599.4	B	KpnoB	4	1 x 1
128957	wfsj2240+0000_034	22:41:04.00	+00:40:00.0	J2000.00	1.262	179.8	23:43:29.8	599.6	I	INT-WFC	1	1 x 1

128958	wfsj2240+0000_034	22:41:04.00	+00:40:00.0	J2000.00	1.262	179.8	23:43:29.8	599.6	I	INT-WFC	5	1 x 1
128959	wfsj2240+0000_034	22:41:04.00	+00:40:00.0	J2000.00	1.262	179.8	23:43:29.8	599.6	I	INT-WFC	3	1 x 1
128960	wfsj2240+0000_034	22:41:04.00	+00:40:00.0	J2000.00	1.262	179.8	23:43:29.8	599.6	I	INT-WFC	4	1 x 1
128961	wfsj2240+0000_034	22:41:03.99	+00:40:00.0	J2000.00	1.301	179.8	23:56:32.9	599.3	R	Harris	1	1 x 1
128962	wfsj2240+0000_034	22:41:03.99	+00:40:00.0	J2000.00	1.301	179.8	23:56:32.9	599.3	R	Harris	5	1 x 1
128963	wfsj2240+0000_034	22:41:03.99	+00:40:00.0	J2000.00	1.301	179.8	23:56:32.9	599.3	R	Harris	3	1 x 1
128964	wfsj2240+0000_034	22:41:03.99	+00:40:00.0	J2000.00	1.301	179.8	23:56:32.9	599.3	R	Harris	4	1 x 1
128965	sa92-335 R	0:55:00.00	+00:44:13.0	J2000.00	1.133	179.8	00:13:29.5	5.1	R	Harris	1	1 x 1
128966	sa92-335 R	0:55:00.00	+00:44:13.0	J2000.00	1.133	179.8	00:13:29.5	5.1	R	Harris	5	1 x 1
128967	sa92-335 R	0:55:00.00	+00:44:13.0	J2000.00	1.133	179.8	00:13:29.5	5.1	R	Harris	3	1 x 1
128968	sa92-335 R	0:55:00.00	+00:44:13.0	J2000.00	1.133	179.8	00:13:29.5	5.1	R	Harris	4	1 x 1
128969	sa92-335 I	0:55:00.00	+00:44:12.9	J2000.00	1.133	179.8	00:16:33.1	5.1	I	INT-WFC	1	1 x 1
128970	sa92-335 I	0:55:00.00	+00:44:12.9	J2000.00	1.133	179.8	00:16:33.1	5.1	I	INT-WFC	5	1 x 1
128971	sa92-335 I	0:55:00.00	+00:44:12.9	J2000.00	1.133	179.8	00:16:33.1	5.1	I	INT-WFC	3	1 x 1
128972	sa92-335 I	0:55:00.00	+00:44:12.9	J2000.00	1.133	179.8	00:16:33.1	5.1	I	INT-WFC	4	1 x 1
128973	sa92-335 V	0:55:00.00	+00:44:13.0	J2000.00	1.133	179.8	00:19:33.6	4.6	V	Harris	1	1 x 1
128974	sa92-335 V	0:55:00.00	+00:44:13.0	J2000.00	1.133	179.8	00:19:33.6	4.6	V	Harris	5	1 x 1
128975	sa92-335 V	0:55:00.00	+00:44:13.0	J2000.00	1.133	179.8	00:19:33.6	4.6	V	Harris	3	1 x 1
128976	sa92-335 V	0:55:00.00	+00:44:13.0	J2000.00	1.133	179.8	00:19:33.6	4.6	V	Harris	4	1 x 1
128977	sa92-335 B	0:55:00.00	+00:44:13.0	J2000.00	1.133	179.8	00:22:37.3	5.1	B	KpnoB	1	1 x 1
128978	sa92-335 B	0:55:00.00	+00:44:13.0	J2000.00	1.133	179.8	00:22:37.3	5.1	B	KpnoB	5	1 x 1
128979	sa92-335 B	0:55:00.00	+00:44:13.0	J2000.00	1.133	179.8	00:22:37.3	5.1	B	KpnoB	3	1 x 1
128980	sa92-335 B	0:55:00.00	+00:44:13.0	J2000.00	1.133	179.8	00:22:37.3	5.1	B	KpnoB	4	1 x 1
128981	sa92-335 U	0:55:00.00	+00:44:12.9	J2000.00	1.133	179.8	00:25:55.1	5.1	U	RGO	1	1 x 1
128982	sa92-335 U	0:55:00.00	+00:44:12.9	J2000.00	1.133	179.8	00:25:55.1	5.1	U	RGO	5	1 x 1
128983	sa92-335 U	0:55:00.00	+00:44:12.9	J2000.00	1.133	179.8	00:25:55.1	5.1	U	RGO	3	1 x 1
128984	sa92-335 U	0:55:00.00	+00:44:12.9	J2000.00	1.133	179.8	00:25:55.1	5.1	U	RGO	4	1 x 1
128985	ukirt-exgal U	3:05:30.00	-09:35:00.0	J2000.00	1.450	179.8	00:34:16.5	599.5	U	RGO	1	1 x 1
128986	ukirt-exgal U	3:05:30.00	-09:35:00.0	J2000.00	1.450	179.8	00:34:16.5	599.5	U	RGO	5	1 x 1
128987	ukirt-exgal U	3:05:30.00	-09:35:00.0	J2000.00	1.450	179.8	00:34:16.5	599.5	U	RGO	3	1 x 1
128988	ukirt-exgal U	3:05:30.00	-09:35:00.0	J2000.00	1.450	179.8	00:34:16.5	599.5	U	RGO	4	1 x 1
128993	ukirt_exgal V	3:05:30.00	-09:35:00.0	J2000.00	1.402	179.8	00:48:39.8	599.3	V	Harris	1	1 x 1
128994	ukirt_exgal V	3:05:30.00	-09:35:00.0	J2000.00	1.402	179.8	00:48:39.8	599.3	V	Harris	5	1 x 1
128995	ukirt_exgal V	3:05:30.00	-09:35:00.0	J2000.00	1.402	179.8	00:48:39.8	599.3	V	Harris	3	1 x 1
128996	ukirt_exgal V	3:05:30.00	-09:35:00.0	J2000.00	1.402	179.8	00:48:39.8	599.3	V	Harris	4	1 x 1
128997	ukirt_exgal KPB	3:05:30.00	-09:35:00.0	J2000.00	1.367	179.8	01:01:43.4	599.5	B	KpnoB	1	1 x 1
128998	ukirt_exgal KPB	3:05:30.00	-09:35:00.0	J2000.00	1.367	179.8	01:01:43.4	599.5	B	KpnoB	5	1 x 1
128999	ukirt_exgal KPB	3:05:30.00	-09:35:00.0	J2000.00	1.367	179.8	01:01:43.4	599.5	B	KpnoB	3	1 x 1
129000	ukirt_exgal KPB	3:05:30.00	-09:35:00.0	J2000.00	1.367	179.8	01:01:43.4	599.5	B	KpnoB	4	1 x 1
129005	ukirt_exgal I	3:05:30.00	-09:35:00.0	J2000.00	1.336	179.8	01:16:06.5	599.5	I	INT-WFC	1	1 x 1
129006	ukirt_exgal I	3:05:30.00	-09:35:00.0	J2000.00	1.336	179.8	01:16:06.5	599.5	I	INT-WFC	5	1 x 1
129007	ukirt_exgal I	3:05:30.00	-09:35:00.0	J2000.00	1.336	179.8	01:16:06.5	599.5	I	INT-WFC	3	1 x 1
129008	ukirt_exgal I	3:05:30.00	-09:35:00.0	J2000.00	1.336	179.8	01:16:06.5	599.5	I	INT-WFC	4	1 x 1
129009	ukirt_exgal R	3:05:30.00	-09:34:59.9	J2000.00	1.311	179.8	01:30:32.7	599.5	R	Harris	1	1 x 1
129010	ukirt_exgal R	3:05:30.00	-09:34:59.9	J2000.00	1.311	179.8	01:30:32.7	599.5	R	Harris	5	1 x 1
129011	ukirt_exgal R	3:05:30.00	-09:34:59.9	J2000.00	1.311	179.8	01:30:32.7	599.5	R	Harris	3	1 x 1
129012	ukirt_exgal R	3:05:30.00	-09:34:59.9	J2000.00	1.311	179.8	01:30:32.7	599.5	R	Harris	4	1 x 1
129013	M31 Hewett 1	0:44:00.00	+41:33:59.9	J2000.00	1.109	179.8	01:50:50.4	599.2	V	Harris	1	1 x 1
129014	M31 Hewett 1	0:44:00.00	+41:33:59.9	J2000.00	1.109	179.8	01:50:50.4	599.2	V	Harris	5	1 x 1
129015	M31 Hewett 1	0:44:00.00	+41:33:59.9	J2000.00	1.109	179.8	01:50:50.4	599.2	V	Harris	3	1 x 1
129016	M31 Hewett 1	0:44:00.00	+41:33:59.9	J2000.00	1.109	179.8	01:50:50.4	599.2	V	Harris	4	1 x 1
129017	M31 Hewett 2	0:42:29.99	+41:00:00.0	J2000.00	1.142	179.8	02:08:27.0	599.4	V	Harris	1	1 x 1
129018	M31 Hewett 2	0:42:29.99	+41:00:00.0	J2000.00	1.142	179.8	02:08:27.0	599.4	V	Harris	5	1 x 1
129019	M31 Hewett 2	0:42:29.99	+41:00:00.0	J2000.00	1.142	179.8	02:08:27.0	599.4	V	Harris	3	1 x 1
129020	M31 Hewett 2	0:42:29.99	+41:00:00.0	J2000.00	1.142	179.8	02:08:27.0	599.4	V	Harris	4	1 x 1
129021	wfsj0354+0010_025	3:52:59.99	+00:50:00.0	J2000.00	1.154	179.8	02:24:22.7	599.6	V	Harris	1	1 x 1
129022	wfsj0354+0010_025	3:52:59.99	+00:50:00.0	J2000.00	1.154	179.8	02:24:22.7	599.6	V	Harris	5	1 x 1
129023	wfsj0354+0010_025	3:52:59.99	+00:50:00.0	J2000.00	1.154	179.8	02:24:22.7	599.6	V	Harris	3	1 x 1
129024	wfsj0354+0010_025	3:52:59.99	+00:50:00.0	J2000.00	1.154	179.8	02:24:22.7	599.6	V	Harris	4	1 x 1
129029	wfsj0354+0010_025	3:53:00.00	+00:50:00.0	J2000.00	1.142	179.8	02:38:27.1	599.5	B	KpnoB	1	1 x 1
129030	wfsj0354+0010_025	3:53:00.00	+00:50:00.0	J2000.00	1.142	179.8	02:38:27.1	599.5	B	KpnoB	5	1 x 1
129031	wfsj0354+0010_025	3:53:00.00	+00:50:00.0	J2000.00	1.142	179.8	02:38:27.1	599.5	B	KpnoB	3	1 x 1

129032	wfsj0354+0010_025	3:53:00.00	+00:50:00.0	J2000.00	1.142	179.8	02:38:27.1	599.5	B	KpnoB	4	1 x 1
129033	wfsj0354+0010_025	3:53:00.00	+00:50:00.0	J2000.00	1.135	179.8	02:51:31.6	599.5	I	INT-WFC	1	1 x 1
129034	wfsj0354+0010_025	3:53:00.00	+00:50:00.0	J2000.00	1.135	179.8	02:51:31.6	599.5	I	INT-WFC	5	1 x 1
129035	wfsj0354+0010_025	3:53:00.00	+00:50:00.0	J2000.00	1.135	179.8	02:51:31.6	599.5	I	INT-WFC	3	1 x 1
129036	wfsj0354+0010_025	3:53:00.00	+00:50:00.0	J2000.00	1.135	179.8	02:51:31.6	599.5	I	INT-WFC	4	1 x 1
129037	wfsj0354+0010_025	3:52:59.99	+00:49:59.9	J2000.00	1.132	179.8	03:04:28.1	599.5	R	Harris	1	1 x 1
129038	wfsj0354+0010_025	3:52:59.99	+00:49:59.9	J2000.00	1.132	179.8	03:04:28.1	599.5	R	Harris	5	1 x 1
129039	wfsj0354+0010_025	3:52:59.99	+00:49:59.9	J2000.00	1.132	179.8	03:04:28.1	599.5	R	Harris	3	1 x 1
129040	wfsj0354+0010_025	3:52:59.99	+00:49:59.9	J2000.00	1.132	179.8	03:04:28.1	599.5	R	Harris	4	1 x 1
129041	wfsj0354+0010_025	3:53:00.00	+00:49:59.9	J2000.00	1.133	179.8	03:19:47.9	599.5	U	RGO	1	1 x 1
129042	wfsj0354+0010_025	3:53:00.00	+00:49:59.9	J2000.00	1.133	179.8	03:19:47.9	599.5	U	RGO	5	1 x 1
129043	wfsj0354+0010_025	3:53:00.00	+00:49:59.9	J2000.00	1.133	179.8	03:19:47.9	599.5	U	RGO	3	1 x 1
129044	wfsj0354+0010_025	3:53:00.00	+00:49:59.9	J2000.00	1.133	179.8	03:19:47.9	599.5	U	RGO	4	1 x 1
129049	wfsj0354+0010_044	3:57:00.00	+01:10:00.0	J2000.00	1.136	179.8	03:41:00.8	599.6	V	Harris	1	1 x 1
129050	wfsj0354+0010_044	3:57:00.00	+01:10:00.0	J2000.00	1.136	179.8	03:41:00.8	599.6	V	Harris	5	1 x 1
129051	wfsj0354+0010_044	3:57:00.00	+01:10:00.0	J2000.00	1.136	179.8	03:41:00.8	599.6	V	Harris	3	1 x 1
129052	wfsj0354+0010_044	3:57:00.00	+01:10:00.0	J2000.00	1.136	179.8	03:41:00.8	599.6	V	Harris	4	1 x 1
129053	wfsj0354+0010_044	3:56:59.99	+01:09:59.9	J2000.00	1.147	179.8	03:55:59.4	599.5	B	KpnoB	1	1 x 1
129054	wfsj0354+0010_044	3:56:59.99	+01:09:59.9	J2000.00	1.147	179.8	03:55:59.4	599.5	B	KpnoB	5	1 x 1
129055	wfsj0354+0010_044	3:56:59.99	+01:09:59.9	J2000.00	1.147	179.8	03:55:59.4	599.5	B	KpnoB	3	1 x 1
129056	wfsj0354+0010_044	3:56:59.99	+01:09:59.9	J2000.00	1.147	179.8	03:55:59.4	599.5	B	KpnoB	4	1 x 1
129057	wfsj0354+0010_044	3:57:00.00	+01:09:59.9	J2000.00	1.162	179.8	04:09:06.8	599.1	I	INT-WFC	1	1 x 1
129058	wfsj0354+0010_044	3:57:00.00	+01:09:59.9	J2000.00	1.162	179.8	04:09:06.8	599.1	I	INT-WFC	5	1 x 1
129059	wfsj0354+0010_044	3:57:00.00	+01:09:59.9	J2000.00	1.162	179.8	04:09:06.8	599.1	I	INT-WFC	3	1 x 1
129060	wfsj0354+0010_044	3:57:00.00	+01:09:59.9	J2000.00	1.162	179.8	04:09:06.8	599.1	I	INT-WFC	4	1 x 1
129065	wfsj0354+0010_044	3:57:00.00	+01:10:00.0	J2000.00	1.194	179.8	04:30:25.6	599.5	R	Harris	1	1 x 1
129066	wfsj0354+0010_044	3:57:00.00	+01:10:00.0	J2000.00	1.194	179.8	04:30:25.6	599.5	R	Harris	5	1 x 1
129067	wfsj0354+0010_044	3:57:00.00	+01:10:00.0	J2000.00	1.194	179.8	04:30:25.6	599.5	R	Harris	3	1 x 1
129068	wfsj0354+0010_044	3:57:00.00	+01:10:00.0	J2000.00	1.194	179.8	04:30:25.6	599.5	R	Harris	4	1 x 1
129069	WFSJ0354+0010_044	3:57:00.00	+01:09:59.9	J2000.00	1.214	179.8	04:43:27.8	299.3	U	RGO	1	1 x 1
129070	WFSJ0354+0010_044	3:57:00.00	+01:09:59.9	J2000.00	1.214	179.8	04:43:27.8	299.3	U	RGO	5	1 x 1
129071	WFSJ0354+0010_044	3:57:00.00	+01:09:59.9	J2000.00	1.214	179.8	04:43:27.8	299.3	U	RGO	3	1 x 1
129072	WFSJ0354+0010_044	3:57:00.00	+01:09:59.9	J2000.00	1.214	179.8	04:43:27.8	299.3	U	RGO	4	1 x 1
129073	WFSJ0354+0010_044	3:57:00.00	+01:09:59.9	J2000.00	1.232	179.8	04:51:23.1	299.8	U	RGO	1	1 x 1
129074	WFSJ0354+0010_044	3:57:00.00	+01:09:59.9	J2000.00	1.232	179.8	04:51:23.1	299.8	U	RGO	5	1 x 1
129075	WFSJ0354+0010_044	3:57:00.00	+01:09:59.9	J2000.00	1.232	179.8	04:51:23.1	299.8	U	RGO	3	1 x 1
129076	WFSJ0354+0010_044	3:57:00.00	+01:09:59.9	J2000.00	1.232	179.8	04:51:23.1	299.8	U	RGO	4	1 x 1
129081	wfsj0354+0010_035	3:55:00.00	+01:09:59.9	J2000.00	1.280	179.8	05:05:08.8	599.4	U	RGO	1	1 x 1
129082	wfsj0354+0010_035	3:55:00.00	+01:09:59.9	J2000.00	1.280	179.8	05:05:08.8	599.4	U	RGO	5	1 x 1
129083	wfsj0354+0010_035	3:55:00.00	+01:09:59.9	J2000.00	1.280	179.8	05:05:08.8	599.4	U	RGO	3	1 x 1
129084	wfsj0354+0010_035	3:55:00.00	+01:09:59.9	J2000.00	1.280	179.8	05:05:08.8	599.4	U	RGO	4	1 x 1
129085	wfsj0354+0010_035	3:55:00.00	+01:09:59.9	J2000.00	1.322	179.8	05:18:07.9	599.0	B	KpnoB	1	1 x 1
129086	wfsj0354+0010_035	3:55:00.00	+01:09:59.9	J2000.00	1.322	179.8	05:18:07.9	599.0	B	KpnoB	5	1 x 1
129087	wfsj0354+0010_035	3:55:00.00	+01:09:59.9	J2000.00	1.322	179.8	05:18:07.9	599.0	B	KpnoB	3	1 x 1
129088	wfsj0354+0010_035	3:55:00.00	+01:09:59.9	J2000.00	1.322	179.8	05:18:07.9	599.0	B	KpnoB	4	1 x 1
129089	wfsj0354+0010_035	3:55:00.00	+01:09:59.9	J2000.00	1.371	179.8	05:31:04.5	599.4	V	Harris	1	1 x 1
129090	wfsj0354+0010_035	3:55:00.00	+01:09:59.9	J2000.00	1.371	179.8	05:31:04.5	599.4	V	Harris	5	1 x 1
129091	wfsj0354+0010_035	3:55:00.00	+01:09:59.9	J2000.00	1.371	179.8	05:31:04.5	599.4	V	Harris	3	1 x 1
129092	wfsj0354+0010_035	3:55:00.00	+01:09:59.9	J2000.00	1.371	179.8	05:31:04.5	599.4	V	Harris	4	1 x 1
129093	wfsj0354+0010_035	3:55:00.00	+01:09:59.9	J2000.00	1.429	179.8	05:44:01.4	599.5	R	Harris	1	1 x 1
129094	wfsj0354+0010_035	3:55:00.00	+01:09:59.9	J2000.00	1.429	179.8	05:44:01.4	599.5	R	Harris	5	1 x 1
129095	wfsj0354+0010_035	3:55:00.00	+01:09:59.9	J2000.00	1.429	179.8	05:44:01.4	599.5	R	Harris	3	1 x 1
129096	wfsj0354+0010_035	3:55:00.00	+01:09:59.9	J2000.00	1.429	179.8	05:44:01.4	599.5	R	Harris	4	1 x 1
129097	wfsj0354+0010_035	3:54:59.99	+01:09:59.9	J2000.00	1.497	179.8	05:56:58.7	599.4	I	INT-WFC	1	1 x 1
129098	wfsj0354+0010_035	3:54:59.99	+01:09:59.9	J2000.00	1.497	179.8	05:56:58.7	599.4	I	INT-WFC	5	1 x 1
129099	wfsj0354+0010_035	3:54:59.99	+01:09:59.9	J2000.00	1.497	179.8	05:56:58.7	599.4	I	INT-WFC	3	1 x 1
129100	wfsj0354+0010_035	3:54:59.99	+01:09:59.9	J2000.00	1.497	179.8	05:56:58.7	599.4	I	INT-WFC	4	1 x 1
129101	sa95-330 I	3:54:31.00	+00:29:05.0	J2000.00	1.561	179.8	06:09:55.6	5.1	I	INT-WFC	1	1 x 1
129102	sa95-330 I	3:54:31.00	+00:29:05.0	J2000.00	1.561	179.8	06:09:55.6	5.1	I	INT-WFC	5	1 x 1
129103	sa95-330 I	3:54:31.00	+00:29:05.0	J2000.00	1.561	179.8	06:09:55.6	5.1	I	INT-WFC	3	1 x 1
129104	sa95-330 I	3:54:31.00	+00:29:05.0	J2000.00	1.561	179.8	06:09:55.6	5.1	I	INT-WFC	4	1 x 1
129105	sa95-330 R	3:54:31.00	+00:29:05.0	J2000.00	1.582	179.8	06:13:09.4	5.1	R	Harris	1	1 x 1

129106	sa95-330	R	3:54:31.00	+00:29:05.0	J2000.00	1.582	179.8	06:13:09.4	5.1	R	Harris	5	1 x 1
129107	sa95-330	R	3:54:31.00	+00:29:05.0	J2000.00	1.582	179.8	06:13:09.4	5.1	R	Harris	3	1 x 1
129108	sa95-330	R	3:54:31.00	+00:29:05.0	J2000.00	1.582	179.8	06:13:09.4	5.1	R	Harris	4	1 x 1
129109	sa95-330	V	3:54:31.00	+00:29:05.0	J2000.00	1.603	179.8	06:16:11.9	5.1	V	Harris	1	1 x 1
129110	sa95-330	V	3:54:31.00	+00:29:05.0	J2000.00	1.603	179.8	06:16:11.9	5.1	V	Harris	5	1 x 1
129111	sa95-330	V	3:54:31.00	+00:29:05.0	J2000.00	1.603	179.8	06:16:11.9	5.1	V	Harris	3	1 x 1
129112	sa95-330	V	3:54:31.00	+00:29:05.0	J2000.00	1.603	179.8	06:16:11.9	5.1	V	Harris	4	1 x 1
129113	sa95-330	B	3:54:31.00	+00:29:05.0	J2000.00	1.624	179.8	06:19:11.9	10.1	B	KpnoB	1	1 x 1
129114	sa95-330	B	3:54:31.00	+00:29:05.0	J2000.00	1.624	179.8	06:19:11.9	10.1	B	KpnoB	5	1 x 1
129115	sa95-330	B	3:54:31.00	+00:29:05.0	J2000.00	1.624	179.8	06:19:11.9	10.1	B	KpnoB	3	1 x 1
129116	sa95-330	B	3:54:31.00	+00:29:05.0	J2000.00	1.624	179.8	06:19:11.9	10.1	B	KpnoB	4	1 x 1
129117	sa95-330	U	3:54:31.00	+00:29:04.9	J2000.00	1.648	179.8	06:22:17.8	20.1	U	RGO	1	1 x 1
129118	sa95-330	U	3:54:31.00	+00:29:04.9	J2000.00	1.648	179.8	06:22:17.8	20.1	U	RGO	5	1 x 1
129119	sa95-330	U	3:54:31.00	+00:29:04.9	J2000.00	1.648	179.8	06:22:17.8	20.1	U	RGO	3	1 x 1
129120	sa95-330	U	3:54:31.00	+00:29:04.9	J2000.00	1.648	179.8	06:22:17.8	20.1	U	RGO	4	1 x 1