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INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE:             INT
DATE:                  1998 AUG 28/29
INT TAPE NR:           INTD 3771-2
OBSERVER:              J. Lewis, P. Bunclark
PROGRAMME:             Cambridge WFC Survey
PATT/CAT:              WFS
TELESCOPE OPERATOR:    P. Sorensen
SUPPORT ASTRONOMER:    N. Walton

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:               poor
OUTSIDE TEMP (deg C):    18.8            (FIRST HALF)
OUTSIDE TEMP (deg C):    17.1            (SECOND HALF)
HUMIDITY (%):            19              (FIRST HALF)
HUMIDITY (%):            28             (SECOND HALF)
CLOUD COVER (%):         75              (FIRST HALF)
CLOUD COVER (%):         10              (SECOND HALF)
DUST (0 - 2):            1.5             (FIRST HALF)
DUST (0 - 2):            1.5             (SECOND HALF)
SEEING (arcsec):          -              (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:            08:26
DOME OPEN (UTC):       18:45
MOON PHASE (D/G/B):        G
DK HRS LOST (WEATHER):02:00
DK HRS LOST (TELESC): 00:00
DK HRS LOST (DOME):   00:00
DK HRS LOST (INSTR.): 00:00
DK HRS LOST (DET.):   00:00
DK HRS LOST (COMPS.): 00:30
DK HRS LOST (A&G):    00:00
DK HRS LOST (OTHER):  00:00

COMMENTS:
Very dusty, windy & cloudy all night

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Run no. Object name             RA          Dec.     Equinox    AM    PA     UT        Exp. T.   Filter      Psys Channel  Binning Comments
 118739 Trash Hewett 2       0:00:00.00 +00:00:00.0 A        1.000 180.0 11:00:18.4     30.1        V     Harris    1      1 x 1
 118740 Trash Hewett 2       0:00:00.00 +00:00:00.0 A        1.000 180.0 11:00:18.4     30.1        V     Harris    5      1 x 1
 118741 Trash Hewett 2       0:00:00.00 +00:00:00.0 A        1.000 180.0 11:00:18.4     30.1        V     Harris    3      1 x 1
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118742	Trash Hewett 2	0:00:00.00	+00:00:00.0	A	1.000	180.0	11:00:18.4	30.1	V	Harris	4	1 x 1
118743	Trash Hewett 2	0:00:00.00	+00:00:00.0	A	1.000	180.0	11:04:42.5	29.6	V	Harris	1	1 x 1
118744	Trash Hewett 2	0:00:00.00	+00:00:00.0	A	1.000	180.0	11:04:42.5	29.6	V	Harris	5	1 x 1
118745	Trash Hewett 2	0:00:00.00	+00:00:00.0	A	1.000	180.0	11:04:42.5	29.6	V	Harris	3	1 x 1
118746	Trash Hewett 2	0:00:00.00	+00:00:00.0	A	1.000	180.0	11:04:42.5	29.6	V	Harris	4	1 x 1
118747	test	0:00:00.00	+00:00:00.0	A	1.000	180.0	11:09:45.6	10.1	V	Harris	1	1 x 1
118748	test	0:00:00.00	+00:00:00.0	A	1.000	180.0	11:09:45.6	10.1	V	Harris	5	1 x 1
118749	test	0:00:00.00	+00:00:00.0	A	1.000	180.0	11:09:45.6	10.1	V	Harris	3	1 x 1
118750	test	0:00:00.00	+00:00:00.0	A	1.000	180.0	11:09:45.6	10.1	V	Harris	4	1 x 1
118751	test	0:00:00.00	+00:00:00.0	A	1.000	180.0	11:13:04.1	10.1	V	Harris	1	1 x 1
118752	test	0:00:00.00	+00:00:00.0	A	1.000	180.0	11:13:04.1	10.1	V	Harris	5	1 x 1
118753	test	0:00:00.00	+00:00:00.0	A	1.000	180.0	11:13:04.1	10.1	V	Harris	3	1 x 1
118754	test	0:00:00.00	+00:00:00.0	A	1.000	180.0	11:13:04.1	10.1	V	Harris	4	1 x 1
118755	test	0:00:00.00	+00:00:00.0	A	1.000	180.0	11:16:31.4	10.1	V	Harris	1	1 x 1
118756	test	0:00:00.00	+00:00:00.0	A	1.000	180.0	11:16:31.4	10.1	V	Harris	5	1 x 1
118757	test	0:00:00.00	+00:00:00.0	A	1.000	180.0	11:16:31.4	10.1	V	Harris	3	1 x 1
118758	test	0:00:00.00	+00:00:00.0	A	1.000	180.0	11:16:31.4	10.1	V	Harris	4	1 x 1
118759	test	0:00:00.00	+00:00:00.0	A	1.000	180.0	11:20:34.2	30.0	V	Harris	1	1 x 1
118760	test	0:00:00.00	+00:00:00.0	A	1.000	180.0	11:20:34.2	30.0	V	Harris	5	1 x 1
118761	test	0:00:00.00	+00:00:00.0	A	1.000	180.0	11:20:34.2	30.0	V	Harris	3	1 x 1
118762	test	0:00:00.00	+00:00:00.0	A	1.000	180.0	11:20:34.2	30.0	V	Harris	4	1 x 1
118763	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	180.0	12:28:56.3	0.0	R	Harris	1	1 x 1
118764	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	180.0	12:28:56.3	0.0	R	Harris	5	1 x 1
118765	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	180.0	12:28:56.3	0.0	R	Harris	3	1 x 1
118766	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	180.0	12:28:56.3	0.0	R	Harris	4	1 x 1
118767	Trash Hewett 1						14:23:05.8	30.1	V	Harris	1	1 x 1
118768	Trash Hewett 1						14:23:05.8	30.1	V	Harris	5	1 x 1
118769	Trash Hewett 1						14:23:05.8	30.1	V	Harris	3	1 x 1
118770	Trash Hewett 1						14:23:05.8	30.1	V	Harris	4	1 x 1
118771	Trash Hewett 1	10:41:29.99	+40:48:59.8	A	1.044	180.0	14:26:29.6	30.1	V	Harris	1	1 x 1
118772	Trash Hewett 1	10:41:29.99	+40:48:59.8	A	1.044	180.0	14:26:29.6	30.1	V	Harris	5	1 x 1
118773	Trash Hewett 1	10:41:29.99	+40:48:59.8	A	1.044	180.0	14:26:29.6	30.1	V	Harris	3	1 x 1
118774	Trash Hewett 1	10:41:29.99	+40:48:59.8	A	1.044	180.0	14:26:29.6	30.1	V	Harris	4	1 x 1
118775	Trash Hewett 2						14:31:15.8	30.1	V	Harris	1	1 x 1
118776	Trash Hewett 2						14:31:15.8	30.1	V	Harris	5	1 x 1
118777	Trash Hewett 2						14:31:15.8	30.1	V	Harris	3	1 x 1
118778	Trash Hewett 2						14:31:15.8	30.1	V	Harris	4	1 x 1
118779	Trash Hewett 2						14:34:35.7	30.1	V	Harris	1	1 x 1
118780	Trash Hewett 2						14:34:35.7	30.1	V	Harris	5	1 x 1
118781	Trash Hewett 2						14:34:35.7	30.1	V	Harris	3	1 x 1
118782	Trash Hewett 2						14:34:35.7	30.1	V	Harris	4	1 x 1
118783	Bias frame						14:42:28.2	0.0	V	Harris	1	1 x 1
118784	Bias frame						14:42:28.2	0.0	V	Harris	5	1 x 1
118785	Bias frame						14:42:28.2	0.0	V	Harris	3	1 x 1
118786	Bias frame						14:42:28.2	0.0	V	Harris	4	1 x 1
118787	Bias frame						14:45:31.1	0.0	V	Harris	1	1 x 1
118788	Bias frame						14:45:31.1	0.0	V	Harris	5	1 x 1
118789	Bias frame						14:45:31.1	0.0	V	Harris	3	1 x 1
118790	Bias frame						14:45:31.1	0.0	V	Harris	4	1 x 1
118791	Bias frame						14:49:18.1	0.0	V	Harris	1	1 x 1
118792	Bias frame						14:49:18.1	0.0	V	Harris	5	1 x 1
118793	Bias frame						14:49:18.1	0.0	V	Harris	3	1 x 1
118794	Bias frame						14:49:18.1	0.0	V	Harris	4	1 x 1
118795	Bias frame						14:52:08.0	0.0	V	Harris	1	1 x 1
118796	Bias frame						14:52:08.0	0.0	V	Harris	5	1 x 1
118797	Bias frame						14:52:08.0	0.0	V	Harris	3	1 x 1
118798	Bias frame						14:52:08.0	0.0	V	Harris	4	1 x 1
118799	Bias frame						14:57:25.3	0.0	V	Harris	1	1 x 1
118800	Bias frame						14:57:25.3	0.0	V	Harris	5	1 x 1
118801	Bias frame						14:57:25.3	0.0	V	Harris	3	1 x 1
118802	Bias frame						14:57:25.3	0.0	V	Harris	4	1 x 1
118803	Bias frame						15:04:58.6	0.0	V	Harris	1	1 x 1

118804	Bias frame						15:04:58.6	0.0	V	Harris	5	1 x 1	
118805	Bias frame						15:04:58.6	0.0	V	Harris	3	1 x 1	
118806	Bias frame						15:04:58.6	0.0	V	Harris	4	1 x 1	
118807	Bias frame						15:07:36.1	0.0	V	Harris	1	1 x 1	
118808	Bias frame						15:07:36.1	0.0	V	Harris	5	1 x 1	
118809	Bias frame						15:07:36.1	0.0	V	Harris	3	1 x 1	
118810	Bias frame						15:07:36.1	0.0	V	Harris	4	1 x 1	
118811	Flat field	17:30:00.00	+24:59:59.9	A	1.008	179.8	19:47:32.3	3.4	U	RGO	1	1 x 1	
118812	Flat field	17:30:00.00	+24:59:59.9	A	1.008	179.8	19:47:32.3	3.4	U	RGO	5	1 x 1	
118813	Flat field	17:30:00.00	+24:59:59.9	A	1.008	179.8	19:47:32.3	3.4	U	RGO	3	1 x 1	
118814	Flat field	17:30:00.00	+24:59:59.9	A	1.008	179.8	19:47:32.3	3.4	U	RGO	4	1 x 1	
118815	Flat field	17:30:00.00	+24:59:59.8	A	1.006	179.8	19:51:10.7	6.3	U	RGO	1	1 x 1	
118816	Flat field	17:30:00.00	+24:59:59.8	A	1.006	179.8	19:51:10.7	6.3	U	RGO	5	1 x 1	
118817	Flat field	17:30:00.00	+24:59:59.8	A	1.006	179.8	19:51:10.7	6.3	U	RGO	3	1 x 1	
118818	Flat field	17:30:00.00	+24:59:59.8	A	1.006	179.8	19:51:10.7	6.3	U	RGO	4	1 x 1	
118819	Flat field	17:30:00.00	+24:59:59.9	A	1.005	179.8	19:55:33.4	5.1	U	RGO	1	1 x 1	
118820	Flat field	17:30:00.00	+24:59:59.9	A	1.005	179.8	19:55:33.4	5.1	U	RGO	5	1 x 1	
118821	Flat field	17:30:00.00	+24:59:59.9	A	1.005	179.8	19:55:33.4	5.1	U	RGO	3	1 x 1	
118822	Flat field	17:30:00.00	+24:59:59.9	A	1.005	179.8	19:55:33.4	5.1	U	RGO	4	1 x 1	
118823	Flat field	17:30:00.00	+25:00:00.0	A	1.004	179.8	19:59:29.9	12.1	U	RGO	1	1 x 1	
118824	Flat field	17:30:00.00	+25:00:00.0	A	1.004	179.8	19:59:29.9	12.1	U	RGO	5	1 x 1	
118825	Flat field	17:30:00.00	+25:00:00.0	A	1.004	179.8	19:59:29.9	12.1	U	RGO	3	1 x 1	
118826	Flat field	17:30:00.00	+25:00:00.0	A	1.004	179.8	19:59:29.9	12.1	U	RGO	4	1 x 1	
118827	Flat field	17:30:00.00	+25:00:00.0	A	1.003	179.8	20:03:20.4	30.1	U	RGO	1	1 x 1	
118828	Flat field	17:30:00.00	+25:00:00.0	A	1.003	179.8	20:03:20.4	30.1	U	RGO	5	1 x 1	
118829	Flat field	17:30:00.00	+25:00:00.0	A	1.003	179.8	20:03:20.4	30.1	U	RGO	3	1 x 1	
118830	Flat field	17:30:00.00	+25:00:00.0	A	1.003	179.8	20:03:20.4	30.1	U	RGO	4	1 x 1	
118831	Flat field	17:30:00.00	+24:59:59.9	A	1.003	179.8	20:07:18.5	10.1	z	Gunn	1	1 x 1	
118832	Flat field	17:30:00.00	+24:59:59.9	A	1.003	179.8	20:07:18.5	10.1	z	Gunn	5	1 x 1	
118833	Flat field	17:30:00.00	+24:59:59.9	A	1.003	179.8	20:07:18.5	10.1	z	Gunn	3	1 x 1	
118834	Flat field	17:30:00.00	+24:59:59.9	A	1.003	179.8	20:07:18.5	10.1	z	Gunn	4	1 x 1	
118839	Flat field	17:30:00.00	+25:00:00.0	A	1.002	179.8	20:15:30.3	191.3	V	Harris	1	1 x 1	
118840	Flat field	17:30:00.00	+25:00:00.0	A	1.002	179.8	20:15:30.3	191.3	V	Harris	5	1 x 1	
118841	Flat field	17:30:00.00	+25:00:00.0	A	1.002	179.8	20:15:30.3	191.3	V	Harris	3	1 x 1	
118842	Flat field	17:30:00.00	+25:00:00.0	A	1.002	179.8	20:15:30.3	191.3	V	Harris	4	1 x 1	
118843	Unspecified object	15:15:50.50	-13:25:59.9	A	2.074	179.8	21:03:51.1	0.5	U	RGO	1	1 x 1	
118844	Unspecified object	15:15:50.50	-13:25:59.9	A	2.074	179.8	21:03:51.1	0.5	U	RGO	5	1 x 1	
118845	Unspecified object	15:15:50.50	-13:25:59.9	A	2.074	179.8	21:03:51.1	0.5	U	RGO	3	1 x 1	
118846	Unspecified object	15:15:50.50	-13:25:59.9	A	2.074	179.8	21:03:51.1	0.5	U	RGO	4	1 x 1	
118847	Unspecified object						21:10:08.1	3.1	U	RGO	1	1 x 1	
118848	Unspecified object						21:10:08.1	3.1	U	RGO	5	1 x 1	
118849	Unspecified object						21:10:08.1	3.1	U	RGO	3	1 x 1	
118850	Unspecified object						21:10:08.1	3.1	U	RGO	4	1 x 1	
118851	Focus run						21:40:38.6	5.1	U	RGO	1	1 x 1	
118852	Focus run						21:40:38.6	5.1	U	RGO	5	1 x 1	
118853	Focus run						21:40:38.6	5.1	U	RGO	3	1 x 1	
118854							21:40:38.6	5.1	U	RGO	4	1 x 1	
118855	M31_1 V 900s						22:54:39.3	1797.7	V	Harris	1	1 x 1	1800s
118856	M31_1 V 900s						22:54:39.3	1797.7	V	Harris	5	1 x 1	
118857	M31_1 V 900s						22:54:39.3	1797.7	V	Harris	3	1 x 1	
118858	M31_1 V 900s						22:54:39.3	1797.7	V	Harris	4	1 x 1	
118859	M31_1 V 900s						23:33:51.0	82.8	V	Harris	1	1 x 1	
118860	M31_1 V 900s						23:33:51.0	82.8	V	Harris	5	1 x 1	
118861	M31_1 V 900s						23:33:51.0	82.8	V	Harris	3	1 x 1	
118862	M31_1 V 900s						23:33:51.0	82.8	V	Harris	4	1 x 1	
118863	M31_1 short						23:40:25.2	10.1	V	Harris	1	1 x 1	
118864	M31_1 short						23:40:25.2	10.1	V	Harris	5	1 x 1	
118865	M31_1 short						23:40:25.2	10.1	V	Harris	3	1 x 1	
118866	M31_1 short						23:40:25.2	10.1	V	Harris	4	1 x 1	
118867	test						23:48:33.4	10.1	V	Harris	1	1 x 1	
118868	test						23:48:33.4	10.1	V	Harris	5	1 x 1	
118869	test						23:48:33.4	10.1	V	Harris	3	1 x 1	

118870	test						23:48:33.4	10.1	V	Harris	4	1 x 1
118871	M31 Hewett 1						00:31:56.8	30.0	V	Harris	1	1 x 1
118872	M31 Hewett 1						00:31:56.8	30.0	V	Harris	5	1 x 1
118873	M31 Hewett 1						00:31:56.8	30.0	V	Harris	3	1 x 1
118874	M31 Hewett 1						00:31:56.8	30.0	V	Harris	4	1 x 1
118875	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	134.2	00:52:41.1	0.0	R	Harris	1	1 x 1
118876	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	134.2	00:52:41.1	0.0	R	Harris	5	1 x 1
118877	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	134.2	00:52:41.1	0.0	R	Harris	3	1 x 1
118878	Bias frame	0:00:00.00	+00:00:00.0	A	1.000	134.2	00:52:41.1	0.0	R	Harris	4	1 x 1
118879	M31 Hewett 1	0:41:30.00	+40:48:59.9	B1950.00	1.151	179.8	01:09:30.6	599.5	V	Harris	1	1 x 1
118880	M31 Hewett 1	0:41:30.00	+40:48:59.9	B1950.00	1.151	179.8	01:09:30.6	599.5	V	Harris	5	1 x 1
118881	M31 Hewett 1	0:41:30.00	+40:48:59.9	B1950.00	1.151	179.8	01:09:30.6	599.5	V	Harris	3	1 x 1
118882	M31 Hewett 1	0:41:30.00	+40:48:59.9	B1950.00	1.151	179.8	01:09:30.6	599.5	V	Harris	4	1 x 1
118883	M31 Hewett 1	0:41:30.00	+40:48:59.8	B1950.00	1.125	179.8	01:22:52.0	599.0	V	Harris	1	1 x 1
118884	M31 Hewett 1	0:41:30.00	+40:48:59.8	B1950.00	1.125	179.8	01:22:52.0	599.0	V	Harris	5	1 x 1
118885	M31 Hewett 1	0:41:30.00	+40:48:59.8	B1950.00	1.125	179.8	01:22:52.0	599.0	V	Harris	3	1 x 1
118886	M31 Hewett 1	0:41:30.00	+40:48:59.8	B1950.00	1.125	179.8	01:22:52.0	599.0	V	Harris	4	1 x 1
118887	M31 Hewett 2	0:39:00.00	+41:09:59.9	B1950.00	1.097	179.8	01:37:31.6	599.5	V	Harris	1	1 x 1
118888	M31 Hewett 2	0:39:00.00	+41:09:59.9	B1950.00	1.097	179.8	01:37:31.6	599.5	V	Harris	5	1 x 1
118889	M31 Hewett 2	0:39:00.00	+41:09:59.9	B1950.00	1.097	179.8	01:37:31.6	599.5	V	Harris	3	1 x 1
118890	M31 Hewett 2	0:39:00.00	+41:09:59.9	B1950.00	1.097	179.8	01:37:31.6	599.5	V	Harris	4	1 x 1
118891	M31 Hewett 2	0:39:00.00	+41:10:00.0	B1950.00	1.079	179.8	01:50:52.6	599.0	V	Harris	1	1 x 1
118892	M31 Hewett 2	0:39:00.00	+41:10:00.0	B1950.00	1.079	179.8	01:50:52.6	599.0	V	Harris	5	1 x 1
118893	M31 Hewett 2	0:39:00.00	+41:10:00.0	B1950.00	1.079	179.8	01:50:52.6	599.0	V	Harris	3	1 x 1
118894	M31 Hewett 2	0:39:00.00	+41:10:00.0	B1950.00	1.079	179.8	01:50:52.6	599.0	V	Harris	4	1 x 1
118895	M31_2 in U	0:39:00.00	+41:10:00.0	B1950.00	1.051	179.8	02:14:37.4	998.4	U	RGO	1	1 x 1
118896	M31_2 in U	0:39:00.00	+41:10:00.0	B1950.00	1.051	179.8	02:14:37.4	998.4	U	RGO	5	1 x 1
118897	M31_2 in U	0:39:00.00	+41:10:00.0	B1950.00	1.051	179.8	02:14:37.4	998.4	U	RGO	3	1 x 1
118898	M31_2 in U	0:39:00.00	+41:10:00.0	B1950.00	1.051	179.8	02:14:37.4	998.4	U	RGO	4	1 x 1
118899	wfsj0219-0500_022	2:17:55.69	-05:20:00.0	J2000.00	1.438	179.8	02:47:34.5	599.5	R	Harris	1	1 x 1
118900	wfsj0219-0500_022	2:17:55.69	-05:20:00.0	J2000.00	1.438	179.8	02:47:34.5	599.5	R	Harris	5	1 x 1
118901	wfsj0219-0500_022	2:17:55.69	-05:20:00.0	J2000.00	1.438	179.8	02:47:34.5	599.5	R	Harris	3	1 x 1
118902	wfsj0219-0500_022	2:17:55.69	-05:20:00.0	J2000.00	1.438	179.8	02:47:34.5	599.5	R	Harris	4	1 x 1
118911	wfsj0219-0500_023	2:17:55.80	-04:59:59.9	J2000.00	1.335	179.8	03:15:07.2	598.1	R	Harris	1	1 x 1
118912	wfsj0219-0500_023	2:17:55.80	-04:59:59.9	J2000.00	1.335	179.8	03:15:07.2	598.1	R	Harris	5	1 x 1
118913	wfsj0219-0500_023	2:17:55.80	-04:59:59.9	J2000.00	1.335	179.8	03:15:07.2	598.1	R	Harris	3	1 x 1
118914	wfsj0219-0500_023	2:17:55.80	-04:59:59.9	J2000.00	1.335	179.8	03:15:07.2	598.1	R	Harris	4	1 x 1
118919	wfsj0219-0500_024	2:17:55.80	-04:40:00.0	J2000.00	1.285	179.8	03:32:30.3	599.5	R	Harris	1	1 x 1
118920	wfsj0219-0500_024	2:17:55.80	-04:40:00.0	J2000.00	1.285	179.8	03:32:30.3	599.5	R	Harris	5	1 x 1
118921	wfsj0219-0500_024	2:17:55.80	-04:40:00.0	J2000.00	1.285	179.8	03:32:30.3	599.5	R	Harris	3	1 x 1
118922	wfsj0219-0500_024	2:17:55.80	-04:40:00.0	J2000.00	1.285	179.8	03:32:30.3	599.5	R	Harris	4	1 x 1
118923	wfsj0219-0500_031	2:20:04.29	-05:19:59.9	J2000.00	1.269	179.8	03:47:34.7	599.4	R	Harris	1	1 x 1
118924	wfsj0219-0500_031	2:20:04.29	-05:19:59.9	J2000.00	1.269	179.8	03:47:34.7	599.4	R	Harris	5	1 x 1
118925	wfsj0219-0500_031	2:20:04.29	-05:19:59.9	J2000.00	1.269	179.8	03:47:34.7	599.4	R	Harris	3	1 x 1
118926	wfsj0219-0500_031	2:20:04.29	-05:19:59.9	J2000.00	1.269	179.8	03:47:34.7	599.4	R	Harris	4	1 x 1
118927	wfsj0219-0500_031	2:20:04.30	-05:20:00.0	J2000.00	1.245	179.8	04:02:27.8	599.6	R	Harris	1	1 x 1
118928	wfsj0219-0500_031	2:20:04.30	-05:20:00.0	J2000.00	1.245	179.8	04:02:27.8	599.6	R	Harris	5	1 x 1
118929	wfsj0219-0500_031	2:20:04.30	-05:20:00.0	J2000.00	1.245	179.8	04:02:27.8	599.6	R	Harris	3	1 x 1
118930	wfsj0219-0500_031	2:20:04.30	-05:20:00.0	J2000.00	1.245	179.8	04:02:27.8	599.6	R	Harris	4	1 x 1
118931	wfsj0219-0500_032	2:20:04.20	-05:00:00.0	J2000.00	1.214	179.8	04:27:26.5	599.0	R	Harris	1	1 x 1
118932	wfsj0219-0500_032	2:20:04.20	-05:00:00.0	J2000.00	1.214	179.8	04:27:26.5	599.0	R	Harris	5	1 x 1
118933	wfsj0219-0500_032	2:20:04.20	-05:00:00.0	J2000.00	1.214	179.8	04:27:26.5	599.0	R	Harris	3	1 x 1
118934	wfsj0219-0500_032	2:20:04.20	-05:00:00.0	J2000.00	1.214	179.8	04:27:26.5	599.0	R	Harris	4	1 x 1
118935	wfsj0219-0500_033	2:20:04.20	-04:40:00.0	J2000.00	1.198	179.8	05:02:04.6	599.3	R	Harris	1	1 x 1
118936	wfsj0219-0500_033	2:20:04.20	-04:40:00.0	J2000.00	1.198	179.8	05:02:04.6	599.3	R	Harris	5	1 x 1
118937	wfsj0219-0500_033	2:20:04.20	-04:40:00.0	J2000.00	1.198	179.8	05:02:04.6	599.3	R	Harris	3	1 x 1
118938	wfsj0219-0500_033	2:20:04.20	-04:40:00.0	J2000.00	1.198	179.8	05:02:04.6	599.3	R	Harris	4	1 x 1
118939	wfsj0219-0500_013	2:15:47.20	-05:20:00.0	J2000.00	1.215	179.8	05:18:38.7	599.3	R	Harris	1	1 x 1
118940	wfsj0219-0500_013	2:15:47.20	-05:20:00.0	J2000.00	1.215	179.8	05:18:38.7	599.3	R	Harris	5	1 x 1
118941	wfsj0219-0500_013	2:15:47.20	-05:20:00.0	J2000.00	1.215	179.8	05:18:38.7	599.3	R	Harris	3	1 x 1
118942	wfsj0219-0500_013	2:15:47.20	-05:20:00.0	J2000.00	1.215	179.8	05:18:38.7	599.3	R	Harris	4	1 x 1
118943	wfsj0219-0500_014	2:15:47.30	-04:59:59.9	J2000.00	1.221	179.8	05:32:48.5	599.5	R	Harris	1	1 x 1

118944	wfsj0219-0500_014	2:15:47.30	-04:59:59.9	J2000.00	1.221	179.8	05:32:48.5	599.5	R	Harris	5	1 x 1
118945	wfsj0219-0500_014	2:15:47.30	-04:59:59.9	J2000.00	1.221	179.8	05:32:48.5	599.5	R	Harris	3	1 x 1
118946	wfsj0219-0500_014	2:15:47.30	-04:59:59.9	J2000.00	1.221	179.8	05:32:48.5	599.5	R	Harris	4	1 x 1
118947	wfsj0219-0500_015	2:15:47.40	-04:40:00.0	J2000.00	1.236	179.8	05:48:48.4	599.5	R	Harris	1	1 x 1
118948	wfsj0219-0500_015	2:15:47.40	-04:40:00.0	J2000.00	1.236	179.8	05:48:48.4	599.5	R	Harris	5	1 x 1
118949	wfsj0219-0500_015	2:15:47.40	-04:40:00.0	J2000.00	1.236	179.8	05:48:48.4	599.5	R	Harris	3	1 x 1
118950	wfsj0219-0500_015	2:15:47.40	-04:40:00.0	J2000.00	1.236	179.8	05:48:48.4	599.5	R	Harris	4	1 x 1
118955	Flat field	2:17:55.70	-05:19:59.9	J2000.00	1.273	179.8	06:11:45.7	122.8	V	Harris	1	1 x 1
118956	Flat field	2:17:55.70	-05:19:59.9	J2000.00	1.273	179.8	06:11:45.7	122.8	V	Harris	5	1 x 1
118957	Flat field	2:17:55.70	-05:19:59.9	J2000.00	1.273	179.8	06:11:45.7	122.8	V	Harris	3	1 x 1
118958	Flat field	2:17:55.70	-05:19:59.9	J2000.00	1.273	179.8	06:11:45.7	122.8	V	Harris	4	1 x 1
118959	Flat field	2:17:55.69	-05:19:59.8	J2000.00	1.285	179.8	06:18:17.5	13.1	V	Harris	1	1 x 1
118960	Flat field	2:17:55.69	-05:19:59.8	J2000.00	1.285	179.8	06:18:17.5	13.1	V	Harris	5	1 x 1
118961	Flat field	2:17:55.69	-05:19:59.8	J2000.00	1.285	179.8	06:18:17.5	13.1	V	Harris	3	1 x 1
118962	Flat field	2:17:55.69	-05:19:59.8	J2000.00	1.285	179.8	06:18:17.5	13.1	V	Harris	4	1 x 1
118963	Flat field	2:17:55.69	-05:20:00.0	J2000.00	1.293	179.8	06:22:21.0	9.6	z	Gunn	1	1 x 1
118964	Flat field	2:17:55.69	-05:20:00.0	J2000.00	1.293	179.8	06:22:21.0	9.6	z	Gunn	5	1 x 1
118965	Flat field	2:17:55.69	-05:20:00.0	J2000.00	1.293	179.8	06:22:21.0	9.6	z	Gunn	3	1 x 1
118966	Flat field	2:17:55.69	-05:20:00.0	J2000.00	1.293	179.8	06:22:21.0	9.6	z	Gunn	4	1 x 1
118967	Flat field	2:17:55.70	-05:20:00.0	J2000.00	1.303	179.8	06:26:38.7	7.1	z	Gunn	1	1 x 1
118968	Flat field	2:17:55.70	-05:20:00.0	J2000.00	1.303	179.8	06:26:38.7	7.1	z	Gunn	5	1 x 1
118969	Flat field	2:17:55.70	-05:20:00.0	J2000.00	1.303	179.8	06:26:38.7	7.1	z	Gunn	3	1 x 1
118970	Flat field	2:17:55.70	-05:20:00.0	J2000.00	1.303	179.8	06:26:38.7	7.1	z	Gunn	4	1 x 1
118971	Flat field	2:17:55.70	-05:19:59.9	J2000.00	1.312	179.8	06:30:21.5	4.6	U	RGO	1	1 x 1
118972	Flat field	2:17:55.70	-05:19:59.9	J2000.00	1.312	179.8	06:30:21.5	4.6	U	RGO	5	1 x 1
118973	Flat field	2:17:55.70	-05:19:59.9	J2000.00	1.312	179.8	06:30:21.5	4.6	U	RGO	3	1 x 1
118974	Flat field	2:17:55.70	-05:19:59.9	J2000.00	1.312	179.8	06:30:21.5	4.6	U	RGO	4	1 x 1
118975	Flat field	2:17:55.70	-05:20:00.0	J2000.00	1.322	179.8	06:34:14.9	2.6	U	RGO	1	1 x 1
118976	Flat field	2:17:55.70	-05:20:00.0	J2000.00	1.322	179.8	06:34:14.9	2.6	U	RGO	5	1 x 1
118977	Flat field	2:17:55.70	-05:20:00.0	J2000.00	1.322	179.8	06:34:14.9	2.6	U	RGO	3	1 x 1
118978	Flat field	2:17:55.70	-05:20:00.0	J2000.00	1.322	179.8	06:34:14.9	2.6	U	RGO	4	1 x 1
118979	Flat field	2:17:55.69	-05:19:59.9	J2000.00	1.332	179.8	06:38:01.0	0.5	U	RGO	1	1 x 1
118980	Flat field	2:17:55.69	-05:19:59.9	J2000.00	1.332	179.8	06:38:01.0	0.5	U	RGO	5	1 x 1
118981	Flat field	2:17:55.69	-05:19:59.9	J2000.00	1.332	179.8	06:38:01.0	0.5	U	RGO	3	1 x 1
118982	Flat field	2:17:55.69	-05:19:59.9	J2000.00	1.332	179.8	06:38:01.0	0.5	U	RGO	4	1 x 1