INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:             INT
DATE:                  1999 Feb 14/15
INT TAPE NR:           INTD3958-59
OBSERVER:              Gavin Dalton/Jane Booth
PROGRAMME:             Oxford UBVRIZ deep survey
PATT/CAT:              WFS 16
TELESCOPE OPERATOR:    -------
SUPPORT ASTRONOMER:    -------

FOCUS:                 PRIME
INSTRUMENT:            WFC
FILTER WHEEL (PF):     KP, U, SI, R, V, Z
CAMERA (IDS):          ---
COLLIMATOR (IDS):      ---
COLL. FOCUS (IDS):     ---
GRATING (IDS):         ---
DETECTOR:              4xEEV
PIXELS:                2K x 4K
PIXEL SIZE (microns): 13.5
WINDOW:                none
BINNING:               none

WEATHER:                 clear
OUTSIDE TEMP (deg C):    -2          (FIRST HALF)
OUTSIDE TEMP (deg C):    0           (SECOND HALF)
HUMIDITY (%):            95         (FIRST HALF)
HUMIDITY (%):            40            (SECOND HALF)
CLOUD COVER (%):         00             (FIRST HALF)
CLOUD COVER (%):         00             (SECOND HALF)
DUST (0 - 2):          0.03             (FIRST HALF)
DUST (0 - 2):          0.03             (SECOND HALF)
SEEING (arcsec):        1.5         (FIRST HALF)
SEEING (arcsec):        2.             (SECOND HALF)
AV. SEEING (arcsec):     1.6
NO. SEEING MEASURES:     2

UTC    TELESCOPE                CASELLA OUT   CASELLA IN    SEEING
       AZ   EL  Focus  TComp    Temp   Humid  Temp   Humid  Det./TV  Comments

DARK HOURS:            10:16
DOME OPEN (UTC):       18:30
MOON PHASE (D/G/B):        D
DK HRS LOST (WEATHER):05:30
DK HRS LOST (TELESC): 00:20
DK HRS LOST (DOME):    00:00
DK HRS LOST (INSTR.): 00:00
DK HRS LOST (DET.):    00:20
DK HRS LOST (COMPS.): 01:30
DK HRS LOST (A&G):     00:00
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
148772	Bias frame	0:00:00.00	+00:00:00.0	A	1.497	179.9	16:24:33.8	0.0	z	Gunn	1	1 x 1	
148773	Bias frame	0:00:00.00	+00:00:00.0	A	1.497	179.9	16:24:33.8	0.0	z	Gunn	5	1 x 1	
148774	Bias frame	0:00:00.00	+00:00:00.0	A	1.497	179.9	16:24:33.8	0.0	z	Gunn	3	1 x 1	
148775	Bias frame	0:00:00.00	+00:00:00.0	A	1.497	179.9	16:24:33.8	0.0	z	Gunn	4	1 x 1	
148776	Bias frame	0:00:00.00	+00:00:00.0	A	1.497	179.9	16:27:25.3	0.0	z	Gunn	1	1 x 1	
148777	Bias frame	0:00:00.00	+00:00:00.0	A	1.497	179.9	16:27:25.3	0.0	z	Gunn	5	1 x 1	

148778	Bias frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	16:27:25.3	0.0	z	Gunn 3 1 x 1
148779	Bias frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	16:27:25.3	0.0	z	Gunn 4 1 x 1
148780	Bias frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	16:30:15.7	0.0	z	Gunn 1 1 x 1
148781	Bias frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	16:30:15.7	0.0	z	Gunn 5 1 x 1
148782	Bias frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	16:30:15.7	0.0	z	Gunn 3 1 x 1
148783	Bias frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	16:30:15.7	0.0	z	Gunn 4 1 x 1
148784	Bias frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	16:33:06.5	0.0	z	Gunn 1 1 x 1
148785	Bias frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	16:33:06.5	0.0	z	Gunn 5 1 x 1
148786	Bias frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	16:33:06.5	0.0	z	Gunn 3 1 x 1
148787	Bias frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	16:33:06.5	0.0	z	Gunn 4 1 x 1
148788	Bias frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	16:35:57.1	0.0	z	Gunn 1 1 x 1
148789	Bias frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	16:35:57.1	0.0	z	Gunn 5 1 x 1
148790	Bias frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	16:35:57.1	0.0	z	Gunn 3 1 x 1
148791	Bias frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	16:35:57.1	0.0	z	Gunn 4 1 x 1
148792	Bias frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	16:38:47.9	0.0	z	Gunn 1 1 x 1
148793	Bias frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	16:38:47.9	0.0	z	Gunn 5 1 x 1
148794	Bias frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	16:38:47.9	0.0	z	Gunn 3 1 x 1
148795	Bias frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	16:38:47.9	0.0	z	Gunn 4 1 x 1
148796	Bias frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	16:41:38.8	0.0	z	Gunn 1 1 x 1
148797	Bias frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	16:41:38.8	0.0	z	Gunn 5 1 x 1
148798	Bias frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	16:41:38.8	0.0	z	Gunn 3 1 x 1
148799	Bias frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	16:41:38.8	0.0	z	Gunn 4 1 x 1
148800	Bias frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	16:44:29.7	0.0	z	Gunn 1 1 x 1
148801	Bias frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	16:44:29.7	0.0	z	Gunn 5 1 x 1
148802	Bias frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	16:44:29.7	0.0	z	Gunn 3 1 x 1
148803	Bias frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	16:44:29.7	0.0	z	Gunn 4 1 x 1
148804	Bias frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	16:47:19.7	0.0	z	Gunn 1 1 x 1
148805	Bias frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	16:47:19.7	0.0	z	Gunn 5 1 x 1
148806	Bias frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	16:47:19.7	0.0	z	Gunn 3 1 x 1
148807	Bias frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	16:47:19.7	0.0	z	Gunn 4 1 x 1
148808	Bias frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	16:50:10.8	0.0	z	Gunn 1 1 x 1
148809	Bias frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	16:50:10.8	0.0	z	Gunn 5 1 x 1
148810	Bias frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	16:50:10.8	0.0	z	Gunn 3 1 x 1
148811	Bias frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	16:50:10.8	0.0	z	Gunn 4 1 x 1
148812	Dark frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	16:54:04.1	1000.0	z	Gunn 1 1 x 1
148813	Dark frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	16:54:04.1	1000.0	z	Gunn 5 1 x 1
148814	Dark frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	16:54:04.1	1000.0	z	Gunn 3 1 x 1
148815	Dark frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	16:54:04.1	1000.0	z	Gunn 4 1 x 1
148816	Dark frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	17:13:33.7	1000.0	z	Gunn 1 1 x 1
148817	Dark frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	17:13:33.7	1000.0	z	Gunn 5 1 x 1
148818	Dark frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	17:13:33.7	1000.0	z	Gunn 3 1 x 1
148819	Dark frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	17:13:33.7	1000.0	z	Gunn 4 1 x 1
148820	Dark frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	17:33:04.2	1000.0	z	Gunn 1 1 x 1
148821	Dark frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	17:33:04.2	1000.0	z	Gunn 5 1 x 1
148822	Dark frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	17:33:04.2	1000.0	z	Gunn 3 1 x 1
148823	Dark frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	17:33:04.2	1000.0	z	Gunn 4 1 x 1
148824	Dark frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	17:52:35.3	1000.0	z	Gunn 1 1 x 1
148825	Dark frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	17:52:35.3	1000.0	z	Gunn 5 1 x 1
148826	Dark frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	17:52:35.3	1000.0	z	Gunn 3 1 x 1
148827	Dark frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	17:52:35.3	1000.0	z	Gunn 4 1 x 1
148828	Dark frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	18:12:05.2	1000.0	z	Gunn 1 1 x 1
148829	Dark frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	18:12:05.2	1000.0	z	Gunn 5 1 x 1
148830	Dark frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	18:12:05.2	1000.0	z	Gunn 3 1 x 1
148831	Dark frame	0:00:00.00	+00:00:00.0	A		1.497	179.9	18:12:05.2	1000.0	z	Gunn 4 1 x 1
148832	Flat field	4:25:46.00	+54:09:02.9	B1950.00		1.120	179.9	19:19:02.5	2.2	U	RGO 1 1 x 1
148833	Flat field	4:25:46.00	+54:09:02.9	B1950.00		1.120	179.9	19:19:02.5	2.2	U	RGO 5 1 x 1
148834	Flat field	4:25:46.00	+54:09:02.9	B1950.00		1.120	179.9	19:19:02.5	2.2	U	RGO 3 1 x 1
148835	Flat field	4:25:46.00	+54:09:02.9	B1950.00		1.120	179.9	19:19:02.5	2.2	U	RGO 4 1 x 1
148836	Flat field	4:25:48.27	+54:09:02.9	B1950.00		1.118	179.9	19:22:03.4	6.5	U	RGO 1 1 x 1
148837	Flat field	4:25:48.27	+54:09:02.9	B1950.00		1.118	179.9	19:22:03.4	6.5	U	RGO 5 1 x 1
148838	Flat field	4:25:48.27	+54:09:02.9	B1950.00		1.118	179.9	19:22:03.4	6.5	U	RGO 3 1 x 1
148839	Flat field	4:25:48.27	+54:09:02.9	B1950.00		1.118	179.9	19:22:03.4	6.5	U	RGO 4 1 x 1

148840	Flat field	4:25:43.72	+54:09:02.9	B1950.00	1.116	179.9	19:26:13.3	16.5	U	RGO	1	1 x 1	
148841	Flat field	4:25:43.72	+54:09:02.9	B1950.00	1.116	179.9	19:26:13.3	16.5	U	RGO	5	1 x 1	
148842	Flat field	4:25:43.72	+54:09:02.9	B1950.00	1.116	179.9	19:26:13.3	16.5	U	RGO	3	1 x 1	
148843	Flat field	4:25:43.72	+54:09:02.9	B1950.00	1.116	179.9	19:26:13.3	16.5	U	RGO	4	1 x 1	
148844	Flat field	4:25:45.99	+54:09:22.9	B1950.00	1.114	179.9	19:29:49.5	46.0	U	RGO	1	1 x 1	
148845	Flat field	4:25:45.99	+54:09:22.9	B1950.00	1.114	179.9	19:29:49.5	46.0	U	RGO	5	1 x 1	
148846	Flat field	4:25:45.99	+54:09:22.9	B1950.00	1.114	179.9	19:29:49.5	46.0	U	RGO	3	1 x 1	
148847	Flat field	4:25:45.99	+54:09:22.9	B1950.00	1.114	179.9	19:29:49.5	46.0	U	RGO	4	1 x 1	
148848	Flat field	4:25:46.00	+54:09:02.9	B1950.00	1.113	179.9	19:33:45.5	50.3	V	Harris	1	1 x 1	
148849	Flat field	4:25:46.00	+54:09:02.9	B1950.00	1.113	179.9	19:33:45.5	50.3	V	Harris	5	1 x 1	
148850	Flat field	4:25:46.00	+54:09:02.9	B1950.00	1.113	179.9	19:33:45.5	50.3	V	Harris	3	1 x 1	
148851	Flat field	4:25:46.00	+54:09:02.9	B1950.00	1.113	179.9	19:33:45.5	50.3	V	Harris	4	1 x 1	
148852	Flat field	4:25:43.72	+54:09:03.0	B1950.00	1.111	179.9	19:37:44.5	132.4	V	Harris	1	1 x 1	
148853	Flat field	4:25:43.72	+54:09:03.0	B1950.00	1.111	179.9	19:37:44.5	132.4	V	Harris	5	1 x 1	
148854	Flat field	4:25:43.72	+54:09:03.0	B1950.00	1.111	179.9	19:37:44.5	132.4	V	Harris	3	1 x 1	
148855	Flat field	4:25:43.72	+54:09:03.0	B1950.00	1.111	179.9	19:37:44.5	132.4	V	Harris	4	1 x 1	
148860	SA95-107R	3:53:25.60	+00:02:20.0	J2000.00	1.150	179.9	19:56:45.9	5.1	R	Harris	1	1 x 1	
148861	SA95-107R	3:53:25.60	+00:02:20.0	J2000.00	1.150	179.9	19:56:45.9	5.1	R	Harris	5	1 x 1	
148862	SA95-107R	3:53:25.60	+00:02:20.0	J2000.00	1.150	179.9	19:56:45.9	5.1	R	Harris	3	1 x 1	
148863	SA95-107R	3:53:25.60	+00:02:20.0	J2000.00	1.150	179.9	19:56:45.9	5.1	R	Harris	4	1 x 1	
148864	SA95-107I	3:53:25.60	+00:02:20.0	J2000.00	1.152	179.9	19:59:55.1	5.1	I	Sloan Gunn	1	1 x 1	
148865	SA95-107I	3:53:25.60	+00:02:20.0	J2000.00	1.152	179.9	19:59:55.1	5.1	I	Sloan Gunn	5	1 x 1	
148866	SA95-107I	3:53:25.60	+00:02:20.0	J2000.00	1.152	179.9	19:59:55.1	5.1	I	Sloan Gunn	3	1 x 1	
148867	SA95-107I	3:53:25.60	+00:02:20.0	J2000.00	1.152	179.9	19:59:55.1	5.1	I	Sloan Gunn	4	1 x 1	
148868	SA95-107Z	3:53:25.60	+00:02:19.9	J2000.00	1.154	179.9	20:03:03.8	5.1	z	Gunn	1	1 x 1	
148869	SA95-107Z	3:53:25.60	+00:02:19.9	J2000.00	1.154	179.9	20:03:03.8	5.1	z	Gunn	5	1 x 1	
148870	SA95-107Z	3:53:25.60	+00:02:19.9	J2000.00	1.154	179.9	20:03:03.8	5.1	z	Gunn	3	1 x 1	
148871	SA95-107Z	3:53:25.60	+00:02:19.9	J2000.00	1.154	179.9	20:03:03.8	5.1	z	Gunn	4	1 x 1	
148872	SA95-107V	3:53:25.60	+00:02:19.9	J2000.00	1.157	179.9	20:06:10.3	5.1	V	Harris	1	1 x 1	Fogged OUT
148873	SA95-107V	3:53:25.60	+00:02:19.9	J2000.00	1.157	179.9	20:06:10.3	5.1	V	Harris	5	1 x 1	
148874	SA95-107V	3:53:25.60	+00:02:19.9	J2000.00	1.157	179.9	20:06:10.3	5.1	V	Harris	3	1 x 1	
148875	SA95-107V	3:53:25.60	+00:02:19.9	J2000.00	1.157	179.9	20:06:10.3	5.1	V	Harris	4	1 x 1	
148876	H040 R	9:08:27.07	+41:18:22.1	J2000.00	1.038	179.9	23:47:13.6	1198.1	R	Harris	1	1 x 1	Poor
148877	H040 R	9:08:27.07	+41:18:22.1	J2000.00	1.038	179.9	23:47:13.6	1198.1	R	Harris	5	1 x 1	
148878	H040 R	9:08:27.07	+41:18:22.1	J2000.00	1.038	179.9	23:47:13.6	1198.1	R	Harris	3	1 x 1	
148879	H040 R	9:08:27.07	+41:18:22.1	J2000.00	1.038	179.9	23:47:13.6	1198.1	R	Harris	4	1 x 1	
148880	H040 R	9:08:27.06	+41:18:21.6	J2000.00	1.028	179.9	00:10:11.9	1198.9	R	Harris	1	1 x 1	2" seeing
148881	H040 R	9:08:27.06	+41:18:21.6	J2000.00	1.028	179.9	00:10:11.9	1198.9	R	Harris	5	1 x 1	
148882	H040 R	9:08:27.06	+41:18:21.6	J2000.00	1.028	179.9	00:10:11.9	1198.9	R	Harris	3	1 x 1	
148883	H040 R	9:08:27.06	+41:18:21.6	J2000.00	1.028	179.9	00:10:11.9	1198.9	R	Harris	4	1 x 1	
148884	H040 R	9:08:27.07	+41:18:22.3	J2000.00	1.025	179.9	00:33:09.5	1198.4	R	Harris	1	1 x 1	
148885	H040 R	9:08:27.07	+41:18:22.3	J2000.00	1.025	179.9	00:33:09.5	1198.4	R	Harris	5	1 x 1	
148886	H040 R	9:08:27.07	+41:18:22.3	J2000.00	1.025	179.9	00:33:09.5	1198.4	R	Harris	3	1 x 1	
148887	H040 R	9:08:27.07	+41:18:22.3	J2000.00	1.025	179.9	00:33:09.5	1198.4	R	Harris	4	1 x 1	
148892	H040 V	9:08:27.07	+41:18:22.0	J2000.00	1.029	179.9	00:57:55.9	999.0	V	Harris	1	1 x 1	
148893	H040 V	9:08:27.07	+41:18:22.0	J2000.00	1.029	179.9	00:57:55.9	999.0	V	Harris	5	1 x 1	
148894	H040 V	9:08:27.07	+41:18:22.0	J2000.00	1.029	179.9	00:57:55.9	999.0	V	Harris	3	1 x 1	
148895	H040 V	9:08:27.07	+41:18:22.0	J2000.00	1.029	179.9	00:57:55.9	999.0	V	Harris	4	1 x 1	
148896	H040 V	9:08:27.07	+41:18:22.0	J2000.00	1.178	179.9	02:57:47.4	999.0	V	Harris	1	1 x 1	
148897	H040 V	9:08:27.07	+41:18:22.0	J2000.00	1.178	179.9	02:57:47.4	999.0	V	Harris	5	1 x 1	
148898	H040 V	9:08:27.07	+41:18:22.0	J2000.00	1.178	179.9	02:57:47.4	999.0	V	Harris	3	1 x 1	
148899	H040 V	9:08:27.07	+41:18:22.0	J2000.00	1.178	179.9	02:57:47.4	999.0	V	Harris	4	1 x 1	
148900	H040 V	9:08:27.07	+41:18:22.1	J2000.00	1.231	179.9	03:18:04.8	999.1	V	Harris	1	1 x 1	Readout died at
148901	H040 V	9:08:27.07	+41:18:22.1	J2000.00	1.231	179.9	03:18:04.8	999.1	V	Harris	5	1 x 1	
148902	H040 V	9:08:27.07	+41:18:22.1	J2000.00	1.231	179.9	03:18:04.8	999.1	V	Harris	3	1 x 1	
148903	H040 V	9:08:27.07	+41:18:22.1	J2000.00	1.231	179.9	03:18:04.8	999.1	V	Harris	4	1 x 1	
148904	H040 V	9:08:27.07	+41:18:22.0	J2000.00	1.309	179.9	03:42:09.8	999.0	V	Harris	1	1 x 1	Guiding off
148905	H040 V	9:08:27.07	+41:18:22.0	J2000.00	1.309	179.9	03:42:09.8	999.0	V	Harris	5	1 x 1	
148906	H040 V	9:08:27.07	+41:18:22.0	J2000.00	1.309	179.9	03:42:09.8	999.0	V	Harris	3	1 x 1	
148907	H040 V	9:08:27.07	+41:18:22.0	J2000.00	1.309	179.9	03:42:09.8	999.0	V	Harris	4	1 x 1	
148908	J015 I	16:37:29.83	+46:45:54.9	J2000.00	1.511	179.9	04:05:33.0	1099.1	I	Sloan Gunn	1	1 x 1	
148909	J015 I	16:37:29.83	+46:45:54.9	J2000.00	1.511	179.9	04:05:33.0	1099.1	I	Sloan Gunn	5	1 x 1	

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148910 J015 I   16:37:29.83 +46:45:54.9 J2000.00 1.511 179.9 04:05:33.0   1099.1       I Sloan Gunn    3      1 x 1
148911 J015 I   16:37:29.83 +46:45:54.9 J2000.00 1.511 179.9 04:05:33.0   1099.1       I Sloan Gunn    4      1 x 1
148912 J015 I   16:37:29.83 +46:45:54.4 J2000.00 1.412 179.9 04:26:54.8   1099.0       I Sloan Gunn    1      1 x 1
148913 J015 I   16:37:29.83 +46:45:54.4 J2000.00 1.412 179.9 04:26:54.8   1099.0       I Sloan Gunn    5      1 x 1
148914 J015 I   16:37:29.83 +46:45:54.4 J2000.00 1.412 179.9 04:26:54.8   1099.0       I Sloan Gunn    3      1 x 1
148915 J015 I   16:37:29.83 +46:45:54.4 J2000.00 1.412 179.9 04:26:54.8   1099.0       I Sloan Gunn    4      1 x 1
148916 J015 I   16:37:29.84 +46:45:54.8 J2000.00 1.130 179.9 06:11:46.1   1098.3       I Sloan Gunn    1      1 x 1
148917 J015 I   16:37:29.84 +46:45:54.8 J2000.00 1.130 179.9 06:11:46.1   1098.3       I Sloan Gunn    5      1 x 1
148918 J015 I   16:37:29.84 +46:45:54.8 J2000.00 1.130 179.9 06:11:46.1   1098.3       I Sloan Gunn    3      1 x 1 Oscillation
148919 J015 I   16:37:29.84 +46:45:54.8 J2000.00 1.130 179.9 06:11:46.1   1098.3       I Sloan Gunn    4      1 x 1
148920 J015 Z   16:37:29.84 +46:45:54.8 J2000.00 1.106 179.9 06:33:32.8    599.4       z       Gunn    1      1 x 1 Oscillation
148921 J015 Z   16:37:29.84 +46:45:54.8 J2000.00 1.106 179.9 06:33:32.8    599.4       z       Gunn    5      1 x 1
148922 J015 Z   16:37:29.84 +46:45:54.8 J2000.00 1.106 179.9 06:33:32.8    599.4       z       Gunn    3      1 x 1
148923 J015 Z   16:37:29.84 +46:45:54.8 J2000.00 1.106 179.9 06:33:32.8    599.4       z       Gunn    4      1 x 1
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