INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

TELESCOPE:	INT
DATE:	1998 OCT 20/21
INT TAPE NR:	INTD 3830
OBSERVER:	M. Irwin
PROGRAMME:	Wide Field Survey
PATT/CAT:	WFS09
TELESCOPE OPERATOR:	N/A
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 at start cloud later
OUTSIDE TEMP (deg C):	8 (FIRST HALF)
OUTSIDE TEMP (deg C):	11 (SECOND HALF)
HUMIDITY (%):	20 (FIRST HALF)
HUMIDITY (%):	20 (SECOND HALF)
CLOUD COVER (%):	10 (FIRST HALF)
CLOUD COVER (%):	50 (SECOND HALF)
DUST (0 - 2):	0 (FIRST HALF)
DUST (0 - 2):	0 (SECOND HALF)
SEEING (arcsec):	1.2 (FIRST HALF)
SEEING (arcsec):	1.3 (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:	10:00
DOME OPEN (UTC):	19:20
MOON PHASE (D/G/B):	D
DK HRS LOST (WEATHER):	00:00
DK HRS LOST (TELESC):	00:05
DK HRS LOST (DOME):	00:00
DK HRS LOST (INSTR.):	00:10
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:

Closed at 05:00 due to cloud

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

129471	Bias frame	0:00:00.00	+00:00:00.0	A		4.174	179.8	16:22:18.3	0.0	z	Gunn	1	1 x 1
129472	Bias frame	0:00:00.00	+00:00:00.0	A		4.174	179.8	16:22:18.3	0.0	z	Gunn	5	1 x 1
129473	Bias frame	0:00:00.00	+00:00:00.0	A		4.174	179.8	16:22:18.3	0.0	z	Gunn	3	1 x 1
129474	Bias frame	0:00:00.00	+00:00:00.0	A		4.174	179.8	16:22:18.3	0.0	z	Gunn	4	1 x 1
129475	Bias frame	0:00:00.00	+00:00:00.0	A		4.174	179.8	16:25:23.7	0.0	z	Gunn	1	1 x 1
129476	Bias frame	0:00:00.00	+00:00:00.0	A		4.174	179.8	16:25:23.7	0.0	z	Gunn	5	1 x 1
129477	Bias frame	0:00:00.00	+00:00:00.0	A		4.174	179.8	16:25:23.7	0.0	z	Gunn	3	1 x 1
129478	Bias frame	0:00:00.00	+00:00:00.0	A		4.174	179.8	16:25:23.7	0.0	z	Gunn	4	1 x 1
129479	Bias frame	0:00:00.00	+00:00:00.0	A		4.174	179.8	16:28:17.4	0.0	z	Gunn	1	1 x 1
129480	Bias frame	0:00:00.00	+00:00:00.0	A		4.174	179.8	16:28:17.4	0.0	z	Gunn	5	1 x 1
129481	Bias frame	0:00:00.00	+00:00:00.0	A		4.174	179.8	16:28:17.4	0.0	z	Gunn	3	1 x 1
129482	Bias frame	0:00:00.00	+00:00:00.0	A		4.174	179.8	16:28:17.4	0.0	z	Gunn	4	1 x 1
129483	Bias frame	0:00:00.00	+00:00:00.0	A		4.174	179.8	16:31:07.9	0.0	z	Gunn	1	1 x 1
129484	Bias frame	0:00:00.00	+00:00:00.0	A		4.174	179.8	16:31:07.9	0.0	z	Gunn	5	1 x 1
129485	Bias frame	0:00:00.00	+00:00:00.0	A		4.174	179.8	16:31:07.9	0.0	z	Gunn	3	1 x 1
129486	Bias frame	0:00:00.00	+00:00:00.0	A		4.174	179.8	16:31:07.9	0.0	z	Gunn	4	1 x 1
129487	Bias frame	0:00:00.00	+00:00:00.0	A		4.174	179.8	16:34:00.6	0.0	z	Gunn	1	1 x 1
129488	Bias frame	0:00:00.00	+00:00:00.0	A		4.174	179.8	16:34:00.6	0.0	z	Gunn	5	1 x 1
129489	Bias frame	0:00:00.00	+00:00:00.0	A		4.174	179.8	16:34:00.6	0.0	z	Gunn	3	1 x 1
129490	Bias frame	0:00:00.00	+00:00:00.0	A		4.174	179.8	16:34:00.6	0.0	z	Gunn	4	1 x 1
129491	Flat field	20:00:00.00	+19:59:59.6	J2000.00		1.014	179.8	18:58:45.5	2.1	R	Harris	1	1 x 1
129492	Flat field	20:00:00.00	+19:59:59.6	J2000.00		1.014	179.8	18:58:45.5	2.1	R	Harris	5	1 x 1
129493	Flat field	20:00:00.00	+19:59:59.6	J2000.00		1.014	179.8	18:58:45.5	2.1	R	Harris	3	1 x 1
129494	Flat field	20:00:00.00	+19:59:59.6	J2000.00		1.014	179.8	18:58:45.5	2.1	R	Harris	4	1 x 1
129495	Flat field	20:00:02.11	+20:00:00.0	J2000.00		1.013	179.8	19:01:55.5	4.1	R	Harris	1	1 x 1
129496	Flat field	20:00:02.11	+20:00:00.0	J2000.00		1.013	179.8	19:01:55.5	4.1	R	Harris	5	1 x 1
129497	Flat field	20:00:02.11	+20:00:00.0	J2000.00		1.013	179.8	19:01:55.5	4.1	R	Harris	3	1 x 1
129498	Flat field	20:00:02.11	+20:00:00.0	J2000.00		1.013	179.8	19:01:55.5	4.1	R	Harris	4	1 x 1
129499	Flat field	20:00:02.12	+20:00:29.9	J2000.00		1.013	179.8	19:04:56.6	8.1	R	Harris	1	1 x 1
129500	Flat field	20:00:02.12	+20:00:29.9	J2000.00		1.013	179.8	19:04:56.6	8.1	R	Harris	5	1 x 1
129501	Flat field	20:00:02.12	+20:00:29.9	J2000.00		1.013	179.8	19:04:56.6	8.1	R	Harris	3	1 x 1
129502	Flat field	20:00:02.12	+20:00:29.9	J2000.00		1.013	179.8	19:04:56.6	8.1	R	Harris	4	1 x 1
129503	Flat field	20:00:02.11	+20:00:30.3	J2000.00		1.012	179.8	19:08:06.7	16.1	I	INT-WFC	1	1 x 1 Too many stars
129504	Flat field	20:00:02.11	+20:00:30.3	J2000.00		1.012	179.8	19:08:06.7	16.1	I	INT-WFC	5	1 x 1 Too many stars
129505	Flat field	20:00:02.11	+20:00:30.3	J2000.00		1.012	179.8	19:08:06.7	16.1	I	INT-WFC	3	1 x 1 Too many stars
129506	Flat field	20:00:02.11	+20:00:30.3	J2000.00		1.012	179.8	19:08:06.7	16.1	I	INT-WFC	4	1 x 1 Too many stars
129507	Flat field	20:00:02.12	+19:59:59.9	J2000.00		1.012	179.8	19:11:25.8	40.1	I	INT-WFC	1	1 x 1 Too many stars
129508	Flat field	20:00:02.12	+19:59:59.9	J2000.00		1.012	179.8	19:11:25.8	40.1	I	INT-WFC	5	1 x 1 Too many stars
129509	Flat field	20:00:02.12	+19:59:59.9	J2000.00		1.012	179.8	19:11:25.8	40.1	I	INT-WFC	3	1 x 1 Too many stars
129510	Flat field	20:00:02.12	+19:59:59.9	J2000.00		1.012	179.8	19:11:25.8	40.1	I	INT-WFC	4	1 x 1 Too many stars
129511	Flat field	20:00:00.00	+19:59:59.9	J2000.00		1.012	179.8	19:15:02.6	100.0	I	INT-WFC	1	1 x 1 Too many stars
129512	Flat field	20:00:00.00	+19:59:59.9	J2000.00		1.012	179.8	19:15:02.6	100.0	I	INT-WFC	5	1 x 1 Too many stars
129513	Flat field	20:00:00.00	+19:59:59.9	J2000.00		1.012	179.8	19:15:02.6	100.0	I	INT-WFC	3	1 x 1 Too many stars
129514	Flat field	20:00:00.00	+19:59:59.9	J2000.00		1.012	179.8	19:15:02.6	100.0	I	INT-WFC	4	1 x 1 Too many stars
129515	Focus run	21:42:35.00	+00:18:00.7	J2000.00		1.224	179.8	19:31:59.3	10.1	V	Harris	1	1 x 1
129516	Focus run	21:42:35.00	+00:18:00.7	J2000.00		1.224	179.8	19:31:59.3	10.1	V	Harris	5	1 x 1
129517	Focus run	21:42:35.00	+00:18:00.7	J2000.00		1.224	179.8	19:31:59.3	10.1	V	Harris	3	1 x 1
129518	Focus run	21:42:35.00	+00:18:00.7	J2000.00		1.224	179.8	19:31:59.3	10.1	V	Harris	4	1 x 1
129523	sa113-163 U	21:42:34.99	+00:16:45.9	J2000.00		1.208	179.8	19:38:43.7	10.1	U	RGO	1	1 x 1
129524	sa113-163 U	21:42:34.99	+00:16:45.9	J2000.00		1.208	179.8	19:38:43.7	10.1	U	RGO	5	1 x 1
129525	sa113-163 U	21:42:34.99	+00:16:45.9	J2000.00		1.208	179.8	19:38:43.7	10.1	U	RGO	3	1 x 1
129526	sa113-163 U	21:42:34.99	+00:16:45.9	J2000.00		1.208	179.8	19:38:43.7	10.1	U	RGO	4	1 x 1
129527	sa113-163 KPB	21:42:35.00	+00:16:45.9	J2000.00		1.202	179.8	19:42:01.7	5.1	B	KpnoB	1	1 x 1
129528	sa113-163 KPB	21:42:35.00	+00:16:45.9	J2000.00		1.202	179.8	19:42:01.7	5.1	B	KpnoB	5	1 x 1
129529	sa113-163 KPB	21:42:35.00	+00:16:45.9	J2000.00		1.202	179.8	19:42:01.7	5.1	B	KpnoB	3	1 x 1
129530	sa113-163 KPB	21:42:35.00	+00:16:45.9	J2000.00		1.202	179.8	19:42:01.7	5.1	B	KpnoB	4	1 x 1
129531	sa113-163 V	21:42:35.00	+00:16:45.9	J2000.00		1.197	179.8	19:45:09.6	4.6	V	Harris	1	1 x 1
129532	sa113-163 V	21:42:35.00	+00:16:45.9	J2000.00		1.197	179.8	19:45:09.6	4.6	V	Harris	5	1 x 1
129533	sa113-163 V	21:42:35.00	+00:16:45.9	J2000.00		1.197	179.8	19:45:09.6	4.6	V	Harris	3	1 x 1
129534	sa113-163 V	21:42:35.00	+00:16:45.9	J2000.00		1.197	179.8	19:45:09.6	4.6	V	Harris	4	1 x 1
129535	sa113-163 R	21:42:35.00	+00:16:46.0	J2000.00		1.191	179.8	19:48:20.7	5.1	R	Harris	1	1 x 1
129536	sa113-163 R	21:42:35.00	+00:16:46.0	J2000.00		1.191	179.8	19:48:20.7	5.1	R	Harris	5	1 x 1

129537	sa113-163 R	21:42:35.00	+00:16:46.0	J2000.00	1.191	179.8	19:48:20.7	5.1	R	Harris	3	1 x 1
129538	sa113-163 R	21:42:35.00	+00:16:46.0	J2000.00	1.191	179.8	19:48:20.7	5.1	R	Harris	4	1 x 1
129539	sa113-163 I	21:42:34.99	+00:16:45.9	J2000.00	1.186	179.8	19:51:27.5	4.6	I	INT-WFC	1	1 x 1
129540	sa113-163 I	21:42:34.99	+00:16:45.9	J2000.00	1.186	179.8	19:51:27.5	4.6	I	INT-WFC	5	1 x 1
129541	sa113-163 I	21:42:34.99	+00:16:45.9	J2000.00	1.186	179.8	19:51:27.5	4.6	I	INT-WFC	3	1 x 1
129542	sa113-163 I	21:42:34.99	+00:16:45.9	J2000.00	1.186	179.8	19:51:27.5	4.6	I	INT-WFC	4	1 x 1
129543	wfsj2240+0000_014	22:36:48.00	+00:00:00.1	J2000.00	1.281	179.8	19:58:24.4	599.0	V	Harris	1	1 x 1
129544	wfsj2240+0000_014	22:36:48.00	+00:00:00.1	J2000.00	1.281	179.8	19:58:24.4	599.0	V	Harris	5	1 x 1
129545	wfsj2240+0000_014	22:36:48.00	+00:00:00.1	J2000.00	1.281	179.8	19:58:24.4	599.0	V	Harris	3	1 x 1
129546	wfsj2240+0000_014	22:36:48.00	+00:00:00.1	J2000.00	1.281	179.8	19:58:24.4	599.0	V	Harris	4	1 x 1
129551	wfsj2240+0000_014	22:36:48.00	+00:00:00.0	J2000.00	1.245	179.8	20:12:24.9	599.4	B	KpnoB	1	1 x 1
129552	wfsj2240+0000_014	22:36:48.00	+00:00:00.0	J2000.00	1.245	179.8	20:12:24.9	599.4	B	KpnoB	5	1 x 1
129553	wfsj2240+0000_014	22:36:48.00	+00:00:00.0	J2000.00	1.245	179.8	20:12:24.9	599.4	B	KpnoB	3	1 x 1
129554	wfsj2240+0000_014	22:36:48.00	+00:00:00.0	J2000.00	1.245	179.8	20:12:24.9	599.4	B	KpnoB	4	1 x 1
129555	wfsj2240+0000_014	22:36:48.00	-00:00:00.1	J2000.00	1.211	179.8	20:28:16.3	599.6	I	INT-WFC	1	1 x 1
129556	wfsj2240+0000_014	22:36:48.00	-00:00:00.1	J2000.00	1.211	179.8	20:28:16.3	599.6	I	INT-WFC	5	1 x 1
129557	wfsj2240+0000_014	22:36:48.00	-00:00:00.1	J2000.00	1.211	179.8	20:28:16.3	599.6	I	INT-WFC	3	1 x 1
129558	wfsj2240+0000_014	22:36:48.00	-00:00:00.1	J2000.00	1.211	179.8	20:28:16.3	599.6	I	INT-WFC	4	1 x 1
129559	wfsj2240+0000_014	22:36:48.00	-00:00:00.0	J2000.00	1.188	179.8	20:41:34.6	599.4	R	Harris	1	1 x 1
129560	wfsj2240+0000_014	22:36:48.00	-00:00:00.0	J2000.00	1.188	179.8	20:41:34.6	599.4	R	Harris	5	1 x 1
129561	wfsj2240+0000_014	22:36:48.00	-00:00:00.0	J2000.00	1.188	179.8	20:41:34.6	599.4	R	Harris	3	1 x 1
129562	wfsj2240+0000_014	22:36:48.00	-00:00:00.0	J2000.00	1.188	179.8	20:41:34.6	599.4	R	Harris	4	1 x 1
129563	wfsj2240+0000_015	22:36:47.99	+00:20:00.1	J2000.00	1.164	179.8	20:57:20.6	599.4	V	Harris	1	1 x 1
129564	wfsj2240+0000_015	22:36:47.99	+00:20:00.1	J2000.00	1.164	179.8	20:57:20.6	599.4	V	Harris	5	1 x 1
129565	wfsj2240+0000_015	22:36:47.99	+00:20:00.1	J2000.00	1.164	179.8	20:57:20.6	599.4	V	Harris	3	1 x 1
129566	wfsj2240+0000_015	22:36:47.99	+00:20:00.1	J2000.00	1.164	179.8	20:57:20.6	599.4	V	Harris	4	1 x 1
129571	wfsj2240+0000_015	22:36:48.00	+00:20:00.0	J2000.00	1.151	179.8	21:11:22.5	599.4	B	KpnoB	1	1 x 1
129572	wfsj2240+0000_015	22:36:48.00	+00:20:00.0	J2000.00	1.151	179.8	21:11:22.5	599.4	B	KpnoB	5	1 x 1
129573	wfsj2240+0000_015	22:36:48.00	+00:20:00.0	J2000.00	1.151	179.8	21:11:22.5	599.4	B	KpnoB	3	1 x 1
129574	wfsj2240+0000_015	22:36:48.00	+00:20:00.0	J2000.00	1.151	179.8	21:11:22.5	599.4	B	KpnoB	4	1 x 1
129575	wfsj2240+0000_015	22:36:48.00	+00:19:59.8	J2000.00	1.142	179.8	21:25:19.7	598.9	I	INT-WFC	1	1 x 1
129576	wfsj2240+0000_015	22:36:48.00	+00:19:59.8	J2000.00	1.142	179.8	21:25:19.7	598.9	I	INT-WFC	5	1 x 1
129577	wfsj2240+0000_015	22:36:48.00	+00:19:59.8	J2000.00	1.142	179.8	21:25:19.7	598.9	I	INT-WFC	3	1 x 1
129578	wfsj2240+0000_015	22:36:48.00	+00:19:59.8	J2000.00	1.142	179.8	21:25:19.7	598.9	I	INT-WFC	4	1 x 1
129579	wfsj2240+0000_015	22:36:47.99	+00:19:59.9	J2000.00	1.138	179.8	21:38:33.5	599.0	R	Harris	1	1 x 1
129580	wfsj2240+0000_015	22:36:47.99	+00:19:59.9	J2000.00	1.138	179.8	21:38:33.5	599.0	R	Harris	5	1 x 1
129581	wfsj2240+0000_015	22:36:47.99	+00:19:59.9	J2000.00	1.138	179.8	21:38:33.5	599.0	R	Harris	3	1 x 1
129582	wfsj2240+0000_015	22:36:47.99	+00:19:59.9	J2000.00	1.138	179.8	21:38:33.5	599.0	R	Harris	4	1 x 1
129583	wfsj2240+0000_013	22:36:48.00	-00:20:00.0	J2000.00	1.145	179.8	21:53:39.4	599.4	V	Harris	1	1 x 1
129584	wfsj2240+0000_013	22:36:48.00	-00:20:00.0	J2000.00	1.145	179.8	21:53:39.4	599.4	V	Harris	5	1 x 1
129585	wfsj2240+0000_013	22:36:48.00	-00:20:00.0	J2000.00	1.145	179.8	21:53:39.4	599.4	V	Harris	3	1 x 1
129586	wfsj2240+0000_013	22:36:48.00	-00:20:00.0	J2000.00	1.145	179.8	21:53:39.4	599.4	V	Harris	4	1 x 1
129587	wfsj2240+0000_013	22:36:48.00	-00:19:59.9	J2000.00	1.149	179.8	22:06:43.6	599.4	B	KpnoB	1	1 x 1
129588	wfsj2240+0000_013	22:36:48.00	-00:19:59.9	J2000.00	1.149	179.8	22:06:43.6	599.4	B	KpnoB	5	1 x 1
129589	wfsj2240+0000_013	22:36:48.00	-00:19:59.9	J2000.00	1.149	179.8	22:06:43.6	599.4	B	KpnoB	3	1 x 1
129590	wfsj2240+0000_013	22:36:48.00	-00:19:59.9	J2000.00	1.149	179.8	22:06:43.6	599.4	B	KpnoB	4	1 x 1
129591	wfsj2240+0000_013	22:36:47.99	-00:19:59.9	J2000.00	1.156	179.8	22:19:50.2	599.4	I	INT-WFC	1	1 x 1
129592	wfsj2240+0000_013	22:36:47.99	-00:19:59.9	J2000.00	1.156	179.8	22:19:50.2	599.4	I	INT-WFC	5	1 x 1
129593	wfsj2240+0000_013	22:36:47.99	-00:19:59.9	J2000.00	1.156	179.8	22:19:50.2	599.4	I	INT-WFC	3	1 x 1
129594	wfsj2240+0000_013	22:36:47.99	-00:19:59.9	J2000.00	1.156	179.8	22:19:50.2	599.4	I	INT-WFC	4	1 x 1
129595	wfsj2240+0000_013	22:36:48.00	-00:20:00.0	J2000.00	1.168	179.8	22:32:54.0	599.3	R	Harris	1	1 x 1
129596	wfsj2240+0000_013	22:36:48.00	-00:20:00.0	J2000.00	1.168	179.8	22:32:54.0	599.3	R	Harris	5	1 x 1
129597	wfsj2240+0000_013	22:36:48.00	-00:20:00.0	J2000.00	1.168	179.8	22:32:54.0	599.3	R	Harris	3	1 x 1
129598	wfsj2240+0000_013	22:36:48.00	-00:20:00.0	J2000.00	1.168	179.8	22:32:54.0	599.3	R	Harris	4	1 x 1
129599	sa113-163 U	21:42:35.00	+00:16:46.0	J2000.00	1.281	179.8	22:47:01.4	10.1	U	RGO	1	1 x 1
129600	sa113-163 U	21:42:35.00	+00:16:46.0	J2000.00	1.281	179.8	22:47:01.4	10.1	U	RGO	5	1 x 1
129601	sa113-163 U	21:42:35.00	+00:16:46.0	J2000.00	1.281	179.8	22:47:01.4	10.1	U	RGO	3	1 x 1
129602	sa113-163 U	21:42:35.00	+00:16:46.0	J2000.00	1.281	179.8	22:47:01.4	10.1	U	RGO	4	1 x 1
129603	sa113-163 KPB	21:42:35.00	+00:16:45.9	J2000.00	1.290	179.8	22:50:19.1	5.1	B	KpnoB	1	1 x 1
129604	sa113-163 KPB	21:42:35.00	+00:16:45.9	J2000.00	1.290	179.8	22:50:19.1	5.1	B	KpnoB	5	1 x 1
129605	sa113-163 KPB	21:42:35.00	+00:16:45.9	J2000.00	1.290	179.8	22:50:19.1	5.1	B	KpnoB	3	1 x 1
129606	sa113-163 KPB	21:42:35.00	+00:16:45.9	J2000.00	1.290	179.8	22:50:19.1	5.1	B	KpnoB	4	1 x 1

129607	sa113-163 V	21:42:34.99	+00:16:46.0	J2000.00	1.300	179.8	22:53:27.4	5.1	V	Harris	1	1 x 1	
129608	sa113-163 V	21:42:34.99	+00:16:46.0	J2000.00	1.300	179.8	22:53:27.4	5.1	V	Harris	5	1 x 1	
129609	sa113-163 V	21:42:34.99	+00:16:46.0	J2000.00	1.300	179.8	22:53:27.4	5.1	V	Harris	3	1 x 1	
129610	sa113-163 V	21:42:34.99	+00:16:46.0	J2000.00	1.300	179.8	22:53:27.4	5.1	V	Harris	4	1 x 1	
129611	sa113-163 R	21:42:35.00	+00:16:45.9	J2000.00	1.310	179.8	22:56:37.6	4.6	R	Harris	1	1 x 1	
129612	sa113-163 R	21:42:35.00	+00:16:45.9	J2000.00	1.310	179.8	22:56:37.6	4.6	R	Harris	5	1 x 1	
129613	sa113-163 R	21:42:35.00	+00:16:45.9	J2000.00	1.310	179.8	22:56:37.6	4.6	R	Harris	3	1 x 1	
129614	sa113-163 R	21:42:35.00	+00:16:45.9	J2000.00	1.310	179.8	22:56:37.6	4.6	R	Harris	4	1 x 1	
129615	sa113-163 I	21:42:35.00	+00:16:46.0	J2000.00	1.321	179.8	22:59:45.8	5.1	I	INT-WFC	1	1 x 1	
129616	sa113-163 I	21:42:35.00	+00:16:46.0	J2000.00	1.321	179.8	22:59:45.8	5.1	I	INT-WFC	5	1 x 1	
129617	sa113-163 I	21:42:35.00	+00:16:46.0	J2000.00	1.321	179.8	22:59:45.8	5.1	I	INT-WFC	3	1 x 1	
129618	sa113-163 I	21:42:35.00	+00:16:46.0	J2000.00	1.321	179.8	22:59:45.8	5.1	I	INT-WFC	4	1 x 1	
129619	F757	2:00:24.00	-03:29:05.0	B1950.00	1.399	179.8	23:06:39.3	299.3	R	Harris	1	1 x 1	
129620	F757	2:00:24.00	-03:29:05.0	B1950.00	1.399	179.8	23:06:39.3	299.3	R	Harris	5	1 x 1	
129621	F757	2:00:24.00	-03:29:05.0	B1950.00	1.399	179.8	23:06:39.3	299.3	R	Harris	3	1 x 1	
129622	F757	2:00:24.00	-03:29:05.0	B1950.00	1.399	179.8	23:06:39.3	299.3	R	Harris	4	1 x 1	
129623	F757	2:00:23.99	-03:29:04.9	B1950.00	1.369	179.8	23:14:32.7	299.8	R	Harris	1	1 x 1	DMA FU - torn
129624	F757	2:00:23.99	-03:29:04.9	B1950.00	1.369	179.8	23:14:32.7	299.8	R	Harris	5	1 x 1	DMA FU - torn
129625	F757	2:00:23.99	-03:29:04.9	B1950.00	1.369	179.8	23:14:32.7	299.8	R	Harris	3	1 x 1	DMA FU - torn
129626	F757	2:00:23.99	-03:29:04.9	B1950.00	1.369	179.8	23:14:32.7	299.8	R	Harris	4	1 x 1	DMA FU - torn
129627	F757	2:00:23.99	-03:29:04.9	B1950.00	1.341	179.8	23:22:52.4	299.3	R	Harris	1	1 x 1	DMA FU - torn
129628	F757	2:00:23.99	-03:29:04.9	B1950.00	1.341	179.8	23:22:52.4	299.3	R	Harris	5	1 x 1	DMA FU - torn
129629	F757	2:00:23.99	-03:29:04.9	B1950.00	1.341	179.8	23:22:52.4	299.3	R	Harris	3	1 x 1	DMA FU - torn
129630	F757	2:00:23.99	-03:29:04.9	B1950.00	1.341	179.8	23:22:52.4	299.3	R	Harris	4	1 x 1	DMA FU - torn
129631	f757 R	2:00:24.00	-03:29:04.9	B1950.00	1.302	179.8	23:33:22.8	599.3	R	Harris	1	1 x 1	
129632	f757 R	2:00:24.00	-03:29:04.9	B1950.00	1.302	179.8	23:33:22.8	599.3	R	Harris	5	1 x 1	
129633	f757 R	2:00:24.00	-03:29:04.9	B1950.00	1.302	179.8	23:33:22.8	599.3	R	Harris	3	1 x 1	
129634	f757 R	2:00:24.00	-03:29:04.9	B1950.00	1.302	179.8	23:33:22.8	599.3	R	Harris	4	1 x 1	
129635	0207-0211 R	2:07:39.60	-02:11:47.1	B1950.00	1.260	179.8	23:49:49.9	599.4	R	Harris	1	1 x 1	
129636	0207-0211 R	2:07:39.60	-02:11:47.1	B1950.00	1.260	179.8	23:49:49.9	599.4	R	Harris	5	1 x 1	
129637	0207-0211 R	2:07:39.60	-02:11:47.1	B1950.00	1.260	179.8	23:49:49.9	599.4	R	Harris	3	1 x 1	
129638	0207-0211 R	2:07:39.60	-02:11:47.1	B1950.00	1.260	179.8	23:49:49.9	599.4	R	Harris	4	1 x 1	
129639	0217+0056 R	2:17:49.00	+00:56:56.8	B1950.00	1.210	179.8	00:04:31.6	598.9	R	Harris	1	1 x 1	
129640	0217+0056 R	2:17:49.00	+00:56:56.8	B1950.00	1.210	179.8	00:04:31.6	598.9	R	Harris	5	1 x 1	
129641	0217+0056 R	2:17:49.00	+00:56:56.8	B1950.00	1.210	179.8	00:04:31.6	598.9	R	Harris	3	1 x 1	
129642	0217+0056 R	2:17:49.00	+00:56:56.8	B1950.00	1.210	179.8	00:04:31.6	598.9	R	Harris	4	1 x 1	
129643	wfsj0219-0500_031	2:20:04.30	-05:19:59.9	J2000.00	1.270	179.8	00:19:04.6	599.1	V	Harris	1	1 x 1	
129644	wfsj0219-0500_031	2:20:04.30	-05:19:59.9	J2000.00	1.270	179.8	00:19:04.6	599.1	V	Harris	5	1 x 1	
129645	wfsj0219-0500_031	2:20:04.30	-05:19:59.9	J2000.00	1.270	179.8	00:19:04.6	599.1	V	Harris	3	1 x 1	
129646	wfsj0219-0500_031	2:20:04.30	-05:19:59.9	J2000.00	1.270	179.8	00:19:04.6	599.1	V	Harris	4	1 x 1	
129647	wfsj0219-0500_031	2:20:04.29	-05:20:00.1	J2000.00	1.248	179.8	00:32:06.8	599.6	B	KpnoB	1	1 x 1	
129648	wfsj0219-0500_031	2:20:04.29	-05:20:00.1	J2000.00	1.248	179.8	00:32:06.8	599.6	B	KpnoB	5	1 x 1	
129649	wfsj0219-0500_031	2:20:04.29	-05:20:00.1	J2000.00	1.248	179.8	00:32:06.8	599.6	B	KpnoB	3	1 x 1	
129650	wfsj0219-0500_031	2:20:04.29	-05:20:00.1	J2000.00	1.248	179.8	00:32:06.8	599.6	B	KpnoB	4	1 x 1	
129651	wfsj0219-0500_031	2:20:04.30	-05:20:00.0	J2000.00	1.231	179.8	00:45:12.2	599.5	I	INT-WFC	1	1 x 1	
129652	wfsj0219-0500_031	2:20:04.30	-05:20:00.0	J2000.00	1.231	179.8	00:45:12.2	599.5	I	INT-WFC	5	1 x 1	
129653	wfsj0219-0500_031	2:20:04.30	-05:20:00.0	J2000.00	1.231	179.8	00:45:12.2	599.5	I	INT-WFC	3	1 x 1	
129654	wfsj0219-0500_031	2:20:04.30	-05:20:00.0	J2000.00	1.231	179.8	00:45:12.2	599.5	I	INT-WFC	4	1 x 1	
129655	wfsj0219-0500_024	2:17:55.80	-04:40:00.1	J2000.00	1.206	179.8	01:01:01.8	599.4	R	Harris	1	1 x 1	
129656	wfsj0219-0500_024	2:17:55.80	-04:40:00.1	J2000.00	1.206	179.8	01:01:01.8	599.4	R	Harris	5	1 x 1	
129657	wfsj0219-0500_024	2:17:55.80	-04:40:00.1	J2000.00	1.206	179.8	01:01:01.8	599.4	R	Harris	3	1 x 1	
129658	wfsj0219-0500_024	2:17:55.80	-04:40:00.1	J2000.00	1.206	179.8	01:01:01.8	599.4	R	Harris	4	1 x 1	
129659	wfsj0219-0500_024	2:17:55.80	-04:39:59.9	J2000.00	1.200	179.8	01:14:18.8	599.5	V	Harris	1	1 x 1	
129660	wfsj0219-0500_024	2:17:55.80	-04:39:59.9	J2000.00	1.200	179.8	01:14:18.8	599.5	V	Harris	5	1 x 1	
129661	wfsj0219-0500_024	2:17:55.80	-04:39:59.9	J2000.00	1.200	179.8	01:14:18.8	599.5	V	Harris	3	1 x 1	
129662	wfsj0219-0500_024	2:17:55.80	-04:39:59.9	J2000.00	1.200	179.8	01:14:18.8	599.5	V	Harris	4	1 x 1	
129663	wfsj0219-0500_024	2:17:55.80	-04:40:00.0	J2000.00	1.198	179.8	01:27:20.6	599.0	B	KpnoB	1	1 x 1	
129664	wfsj0219-0500_024	2:17:55.80	-04:40:00.0	J2000.00	1.198	179.8	01:27:20.6	599.0	B	KpnoB	5	1 x 1	
129665	wfsj0219-0500_024	2:17:55.80	-04:40:00.0	J2000.00	1.198	179.8	01:27:20.6	599.0	B	KpnoB	3	1 x 1	
129666	wfsj0219-0500_024	2:17:55.80	-04:40:00.0	J2000.00	1.198	179.8	01:27:20.6	599.0	B	KpnoB	4	1 x 1	
129667	wfsj0219-0500_024	2:17:55.80	-04:40:00.0	J2000.00	1.200	179.8	01:40:26.8	599.0	I	INT-WFC	1	1 x 1	
129668	wfsj0219-0500_024	2:17:55.80	-04:40:00.0	J2000.00	1.200	179.8	01:40:26.8	599.0	I	INT-WFC	5	1 x 1	

129669	wfsj0219-0500_024	2:17:55.80	-04:40:00.0	J2000.00	1.200	179.8	01:40:26.8	599.0	I	INT-WFC	3	1 x 1	
129670	wfsj0219-0500_024	2:17:55.80	-04:40:00.0	J2000.00	1.200	179.8	01:40:26.8	599.0	I	INT-WFC	4	1 x 1	
129671	wfsj0219-0500_024	2:17:55.80	-04:40:00.1	J2000.00	1.207	179.8	01:54:17.7	599.5	U	RGO	1	1 x 1	
129672	wfsj0219-0500_024	2:17:55.80	-04:40:00.1	J2000.00	1.207	179.8	01:54:17.7	599.5	U	RGO	5	1 x 1	
129673	wfsj0219-0500_024	2:17:55.80	-04:40:00.1	J2000.00	1.207	179.8	01:54:17.7	599.5	U	RGO	3	1 x 1	
129674	wfsj0219-0500_024	2:17:55.80	-04:40:00.1	J2000.00	1.207	179.8	01:54:17.7	599.5	U	RGO	4	1 x 1	
129675	wfsj0219-0500_032	2:20:04.20	-05:00:00.0	J2000.00	1.222	179.8	02:09:12.2	599.5	V	Harris	1	1 x 1	
129676	wfsj0219-0500_032	2:20:04.20	-05:00:00.0	J2000.00	1.222	179.8	02:09:12.2	599.5	V	Harris	5	1 x 1	
129677	wfsj0219-0500_032	2:20:04.20	-05:00:00.0	J2000.00	1.222	179.8	02:09:12.2	599.5	V	Harris	3	1 x 1	
129678	wfsj0219-0500_032	2:20:04.20	-05:00:00.0	J2000.00	1.222	179.8	02:09:12.2	599.5	V	Harris	4	1 x 1	
129679	wfsj0219-0500_032	2:20:04.20	-04:59:59.8	J2000.00	1.237	179.8	02:22:15.8	599.6	B	KpnoB	1	1 x 1	
129680	wfsj0219-0500_032	2:20:04.20	-04:59:59.8	J2000.00	1.237	179.8	02:22:15.8	599.6	B	KpnoB	5	1 x 1	
129681	wfsj0219-0500_032	2:20:04.20	-04:59:59.8	J2000.00	1.237	179.8	02:22:15.8	599.6	B	KpnoB	3	1 x 1	
129682	wfsj0219-0500_032	2:20:04.20	-04:59:59.8	J2000.00	1.237	179.8	02:22:15.8	599.6	B	KpnoB	4	1 x 1	
129683	wfsj0219-0500_032	2:20:04.20	-05:00:00.0	J2000.00	1.257	179.8	02:35:21.9	599.4	I	INT-WFC	1	1 x 1	
129684	wfsj0219-0500_032	2:20:04.20	-05:00:00.0	J2000.00	1.257	179.8	02:35:21.9	599.4	I	INT-WFC	5	1 x 1	
129685	wfsj0219-0500_032	2:20:04.20	-05:00:00.0	J2000.00	1.257	179.8	02:35:21.9	599.4	I	INT-WFC	3	1 x 1	
129686	wfsj0219-0500_032	2:20:04.20	-05:00:00.0	J2000.00	1.257	179.8	02:35:21.9	599.4	I	INT-WFC	4	1 x 1	
129687	sa95-330 U	3:54:31.00	+00:29:04.9	J2000.00	1.138	179.8	02:52:06.6	9.6	U	RGO	1	1 x 1	
129688	sa95-330 U	3:54:31.00	+00:29:04.9	J2000.00	1.138	179.8	02:52:06.6	9.6	U	RGO	5	1 x 1	
129689	sa95-330 U	3:54:31.00	+00:29:04.9	J2000.00	1.138	179.8	02:52:06.6	9.6	U	RGO	3	1 x 1	
129690	sa95-330 U	3:54:31.00	+00:29:04.9	J2000.00	1.138	179.8	02:52:06.6	9.6	U	RGO	4	1 x 1	
129691	sa95-330 KPB	3:54:31.00	+00:29:05.0	J2000.00	1.137	179.8	02:55:25.6	5.1	B	KpnoB	1	1 x 1	
129692	sa95-330 KPB	3:54:31.00	+00:29:05.0	J2000.00	1.137	179.8	02:55:25.6	5.1	B	KpnoB	5	1 x 1	
129693	sa95-330 KPB	3:54:31.00	+00:29:05.0	J2000.00	1.137	179.8	02:55:25.6	5.1	B	KpnoB	3	1 x 1	
129694	sa95-330 KPB	3:54:31.00	+00:29:05.0	J2000.00	1.137	179.8	02:55:25.6	5.1	B	KpnoB	4	1 x 1	
129695	sa95-330 V	3:54:31.00	+00:29:05.0	J2000.00	1.136	179.8	02:58:33.8	5.1	V	Harris	1	1 x 1	
129696	sa95-330 V	3:54:31.00	+00:29:05.0	J2000.00	1.136	179.8	02:58:33.8	5.1	V	Harris	5	1 x 1	
129697	sa95-330 V	3:54:31.00	+00:29:05.0	J2000.00	1.136	179.8	02:58:33.8	5.1	V	Harris	3	1 x 1	
129698	sa95-330 V	3:54:31.00	+00:29:05.0	J2000.00	1.136	179.8	02:58:33.8	5.1	V	Harris	4	1 x 1	
129699	sa95-330 R	3:54:31.00	+00:29:05.0	J2000.00	1.136	179.8	03:01:45.1	5.1	R	Harris	1	1 x 1	
129700	sa95-330 R	3:54:31.00	+00:29:05.0	J2000.00	1.136	179.8	03:01:45.1	5.1	R	Harris	5	1 x 1	
129701	sa95-330 R	3:54:31.00	+00:29:05.0	J2000.00	1.136	179.8	03:01:45.1	5.1	R	Harris	3	1 x 1	
129702	sa95-330 R	3:54:31.00	+00:29:05.0	J2000.00	1.136	179.8	03:01:45.1	5.1	R	Harris	4	1 x 1	
129703	sa95-330 I	3:54:31.00	+00:29:05.0	J2000.00	1.135	179.8	03:04:53.0	5.1	I	INT-WFC	1	1 x 1	
129704	sa95-330 I	3:54:31.00	+00:29:05.0	J2000.00	1.135	179.8	03:04:53.0	5.1	I	INT-WFC	5	1 x 1	
129705	sa95-330 I	3:54:31.00	+00:29:05.0	J2000.00	1.135	179.8	03:04:53.0	5.1	I	INT-WFC	3	1 x 1	
129706	sa95-330 I	3:54:31.00	+00:29:05.0	J2000.00	1.135	179.8	03:04:53.0	5.1	I	INT-WFC	4	1 x 1	
129707	Focus run	3:54:31.00	+00:30:20.0	J2000.00	1.135	179.8	03:10:19.3	10.0	V	Harris	1	1 x 1	
129708	Focus run	3:54:31.00	+00:30:20.0	J2000.00	1.135	179.8	03:10:19.3	10.0	V	Harris	5	1 x 1	
129709	Focus run	3:54:31.00	+00:30:20.0	J2000.00	1.135	179.8	03:10:19.3	10.0	V	Harris	3	1 x 1	
129710	Focus run	3:54:31.00	+00:30:20.0	J2000.00	1.135	179.8	03:10:19.3	10.0	V	Harris	4	1 x 1	
129711	wfsj0354+0010_041	3:57:00.00	+00:09:59.9	J2000.00	1.140	179.8	03:18:25.8	599.4	V	Harris	1	1 x 1	Cloud
129712	wfsj0354+0010_041	3:57:00.00	+00:09:59.9	J2000.00	1.140	179.8	03:18:25.8	599.4	V	Harris	5	1 x 1	Cloud
129713	wfsj0354+0010_041	3:57:00.00	+00:09:59.9	J2000.00	1.140	179.8	03:18:25.8	599.4	V	Harris	3	1 x 1	Cloud
129714	wfsj0354+0010_041	3:57:00.00	+00:09:59.9	J2000.00	1.140	179.8	03:18:25.8	599.4	V	Harris	4	1 x 1	Cloud
129715	wfsj0354+0010_041	3:57:00.00	+00:09:59.9	J2000.00	1.146	179.8	03:31:27.8	599.3	B	KpnoB	1	1 x 1	Cloud
129716	wfsj0354+0010_041	3:57:00.00	+00:09:59.9	J2000.00	1.146	179.8	03:31:27.8	599.3	B	KpnoB	5	1 x 1	Cloud
129717	wfsj0354+0010_041	3:57:00.00	+00:09:59.9	J2000.00	1.146	179.8	03:31:27.8	599.3	B	KpnoB	3	1 x 1	Cloud
129718	wfsj0354+0010_041	3:57:00.00	+00:09:59.9	J2000.00	1.146	179.8	03:31:27.8	599.3	B	KpnoB	4	1 x 1	Cloud
129719	wfsj0354+0010_041	3:57:00.00	+00:10:00.0	J2000.00	1.155	179.8	03:44:32.5	599.4	I	INT-WFC	1	1 x 1	Cloud
129720	wfsj0354+0010_041	3:57:00.00	+00:10:00.0	J2000.00	1.155	179.8	03:44:32.5	599.4	I	INT-WFC	5	1 x 1	Cloud
129721	wfsj0354+0010_041	3:57:00.00	+00:10:00.0	J2000.00	1.155	179.8	03:44:32.5	599.4	I	INT-WFC	3	1 x 1	Cloud
129722	wfsj0354+0010_041	3:57:00.00	+00:10:00.0	J2000.00	1.155	179.8	03:44:32.5	599.4	I	INT-WFC	4	1 x 1	Cloud