INT OBSERVING LOG (ISAAC NEWTON GROUP, LA PALMA)

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TELESCOPE:             INT
DATE:                  1998 DEC 20/21
INT TAPE NR:           INTD3902 / 03
OBSERVER:              D. Lennon
PROGRAMME:             WFC Survey
PATT/CAT:              WFS 9
TELESCOPE OPERATOR:    M. Azzaro
SUPPORT ASTRONOMER:    D. Lennon

FOCUS:                 PRIME
INSTRUMENT:            WFC
FILTER WHEEL (PF):     I, U, R, V, Z, B
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:               GOOD, but with high clouds.
OUTSIDE TEMP (deg C):   4.0             (FIRST HALF)
OUTSIDE TEMP (deg C):   4.5             (SECOND HALF)
HUMIDITY (%):            31             (FIRST HALF)
HUMIDITY (%):            26             (SECOND HALF)
CLOUD COVER (%):         50             (FIRST HALF)
CLOUD COVER (%):         30             (SECOND HALF)
DUST (0 - 2):             0             (FIRST HALF)
DUST (0 - 2):             0             (SECOND HALF)
SEEING (arcsec):          -             (FIRST HALF)
SEEING (arcsec):          -             (SECOND HALF)
AV. SEEING (arcsec):      -
NO. SEEING MEASURES:      -

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

DARK HOURS:            10:53
DOME OPEN (UTC):       18:10
MOON PHASE (D/G/B):        D
DK HRS LOST (WEATHER):00:00
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.): 00:00
DK HRS LOST (A&G):     00:00
DK HRS LOST (OTHER):   00:00

COMMENTS:
Clouds passing over specially the first part of the night.
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Run no.	Object name	RA	Dec.	Equinox	AM	PA	UT	Exp. T.	Filter	Psys	Channel	Binning	Comments
140456	Bias frame	0:00:00.00	+00:00:00.0	A	4.584	179.8	16:53:53.2	0.0	z	Gunn	1	1 x 1	
140457	Bias frame	0:00:00.00	+00:00:00.0	A	4.584	179.8	16:53:53.2	0.0	z	Gunn	5	1 x 1	
140458	Bias frame	0:00:00.00	+00:00:00.0	A	4.584	179.8	16:53:53.2	0.0	z	Gunn	3	1 x 1	
140459	Bias frame	0:00:00.00	+00:00:00.0	A	4.584	179.8	16:53:53.2	0.0	z	Gunn	4	1 x 1	
140460	Flat field	23:54:08.90	+59:28:17.9	B1950.00	1.172	179.8	18:38:22.0	3.5	z	Gunn	1	1 x 1	
140461	Flat field	23:54:08.90	+59:28:17.9	B1950.00	1.172	179.8	18:38:22.0	3.5	z	Gunn	5	1 x 1	

140462	Flat field	23:54:08.90	+59:28:17.9	B1950.00	1.172	179.8	18:38:22.0	3.5	z	Gunn	3	1 x 1	
140463	Flat field	23:54:08.90	+59:28:17.9	B1950.00	1.172	179.8	18:38:22.0	3.5	z	Gunn	4	1 x 1	
140464	Flat field	23:54:10.21	+59:28:18.0	B1950.00	1.171	179.8	18:41:25.5	9.4	z	Gunn	1	1 x 1	Runs 140492 -
140465	Flat field	23:54:10.21	+59:28:18.0	B1950.00	1.171	179.8	18:41:25.5	9.4	z	Gunn	5	1 x 1	
140466	Flat field	23:54:10.21	+59:28:18.0	B1950.00	1.171	179.8	18:41:25.5	9.4	z	Gunn	3	1 x 1	
140467	Flat field	23:54:10.21	+59:28:18.0	B1950.00	1.171	179.8	18:41:25.5	9.4	z	Gunn	4	1 x 1	
140468	Flat field	23:54:10.21	+59:28:27.9	B1950.00	1.170	179.8	18:45:10.7	28.4	z	Gunn	1	1 x 1	
140469	Flat field	23:54:10.21	+59:28:27.9	B1950.00	1.170	179.8	18:45:10.7	28.4	z	Gunn	5	1 x 1	
140470	Flat field	23:54:10.21	+59:28:27.9	B1950.00	1.170	179.8	18:45:10.7	28.4	z	Gunn	3	1 x 1	
140471	Flat field	23:54:10.21	+59:28:27.9	B1950.00	1.170	179.8	18:45:10.7	28.4	z	Gunn	4	1 x 1	
140472	Flat field	23:54:08.90	+59:28:28.0	B1950.00	1.169	179.8	18:49:27.1	88.3	z	Gunn	1	1 x 1	
140473	Flat field	23:54:08.90	+59:28:28.0	B1950.00	1.169	179.8	18:49:27.1	88.3	z	Gunn	5	1 x 1	
140474	Flat field	23:54:08.90	+59:28:28.0	B1950.00	1.169	179.8	18:49:27.1	88.3	z	Gunn	3	1 x 1	
140475	Flat field	23:54:08.90	+59:28:28.0	B1950.00	1.169	179.8	18:49:27.1	88.3	z	Gunn	4	1 x 1	
140476	Flat field	23:54:08.90	+59:28:28.1	B1950.00	1.168	179.8	18:53:53.6	39.4	I	INT-WFC	1	1 x 1	
140477	Flat field	23:54:08.90	+59:28:28.1	B1950.00	1.168	179.8	18:53:53.6	39.4	I	INT-WFC	5	1 x 1	
140478	Flat field	23:54:08.90	+59:28:28.1	B1950.00	1.168	179.8	18:53:53.6	39.4	I	INT-WFC	3	1 x 1	
140479	Flat field	23:54:08.90	+59:28:28.1	B1950.00	1.168	179.8	18:53:53.6	39.4	I	INT-WFC	4	1 x 1	
140492	Flat field	23:54:08.90	+59:28:17.9	B1950.00	1.167	179.8	18:59:40.5	199.9	I	INT-WFC	1	1 x 1	
140493	Flat field	23:54:08.90	+59:28:17.9	B1950.00	1.167	179.8	18:59:40.5	199.9	I	INT-WFC	5	1 x 1	
140494	Flat field	23:54:08.90	+59:28:17.9	B1950.00	1.167	179.8	18:59:40.5	199.9	I	INT-WFC	3	1 x 1	
140495	Flat field	23:54:08.90	+59:28:17.9	B1950.00	1.167	179.8	18:59:40.5	199.9	I	INT-WFC	4	1 x 1	
140497	Bias frame	23:54:08.90	+59:28:17.9	B1950.00	1.166	179.8	19:11:59.3	0.0	I	INT-WFC	1	1 x 1	
140498	Bias frame	23:54:08.90	+59:28:17.9	B1950.00	1.166	179.8	19:11:59.3	0.0	I	INT-WFC	5	1 x 1	
140499	Bias frame	23:54:08.90	+59:28:17.9	B1950.00	1.166	179.8	19:11:59.3	0.0	I	INT-WFC	3	1 x 1	
140500	Bias frame	23:54:08.90	+59:28:17.9	B1950.00	1.166	179.8	19:11:59.3	0.0	I	INT-WFC	4	1 x 1	
140501	Bias frame	23:54:08.90	+59:28:18.0	B1950.00	1.167	179.8	19:21:59.5	0.0	I	INT-WFC	1	1 x 1	
140502	Bias frame	23:54:08.90	+59:28:18.0	B1950.00	1.167	179.8	19:21:59.5	0.0	I	INT-WFC	5	1 x 1	
140503	Bias frame	23:54:08.90	+59:28:18.0	B1950.00	1.167	179.8	19:21:59.5	0.0	I	INT-WFC	3	1 x 1	
140504	Bias frame	23:54:08.90	+59:28:18.0	B1950.00	1.167	179.8	19:21:59.5	0.0	I	INT-WFC	4	1 x 1	
140505	Bias frame	23:54:08.89	+59:28:17.9	B1950.00	1.167	179.8	19:25:06.6	0.0	I	INT-WFC	1	1 x 1	
140506	Bias frame	23:54:08.89	+59:28:17.9	B1950.00	1.167	179.8	19:25:06.6	0.0	I	INT-WFC	5	1 x 1	
140507	Bias frame	23:54:08.89	+59:28:17.9	B1950.00	1.167	179.8	19:25:06.6	0.0	I	INT-WFC	3	1 x 1	
140508	Bias frame	23:54:08.89	+59:28:17.9	B1950.00	1.167	179.8	19:25:06.6	0.0	I	INT-WFC	4	1 x 1	
140509	Focus run	0:54:59.99	+00:44:47.9	J2000.00	1.140	179.8	19:44:59.7	10.1	I	INT-WFC	1	1 x 1	
140510	Focus run	0:54:59.99	+00:44:47.9	J2000.00	1.140	179.8	19:44:59.7	10.1	I	INT-WFC	5	1 x 1	
140511	Focus run	0:54:59.99	+00:44:47.9	J2000.00	1.140	179.8	19:44:59.7	10.1	I	INT-WFC	3	1 x 1	
140512		0:54:59.99	+00:44:47.9	J2000.00	1.140	179.8	19:44:59.7	10.1	I	INT-WFC	4	1 x 1	
140513	Focus run	0:55:00.00	+00:45:22.9	J2000.00	1.135	179.8	19:57:15.9	10.1	I	INT-WFC	1	1 x 1	
140514	Focus run	0:55:00.00	+00:45:22.9	J2000.00	1.135	179.8	19:57:15.9	10.1	I	INT-WFC	5	1 x 1	
140515	Focus run	0:55:00.00	+00:45:22.9	J2000.00	1.135	179.8	19:57:15.9	10.1	I	INT-WFC	3	1 x 1	
140516		0:55:00.00	+00:45:22.9	J2000.00	1.135	179.8	19:57:15.9	10.1	I	INT-WFC	4	1 x 1	runs 140492-495
140517	Unspecified object	3:49:18.06	+24:49:13.0	J2000.00	1.258	179.8	20:11:22.0	599.5	I	INT-WFC	1	1 x 1	
140518	Unspecified object	3:49:18.06	+24:49:13.0	J2000.00	1.258	179.8	20:11:22.0	599.5	I	INT-WFC	5	1 x 1	
140519	Unspecified object	3:49:18.06	+24:49:13.0	J2000.00	1.258	179.8	20:11:22.0	599.5	I	INT-WFC	3	1 x 1	
140520	Unspecified object	3:49:18.06	+24:49:13.0	J2000.00	1.258	179.8	20:11:22.0	599.5	I	INT-WFC	4	1 x 1	
140521	WFJ0347+2400-IZ1	3:49:18.07	+24:49:12.9	J2000.00	1.191	179.8	20:26:47.6	1199.0	z	Gunn	1	1 x 1	
140522	WFJ0347+2400-IZ1	3:49:18.07	+24:49:12.9	J2000.00	1.191	179.8	20:26:47.6	1199.0	z	Gunn	5	1 x 1	
140523	WFJ0347+2400-IZ1	3:49:18.07	+24:49:12.9	J2000.00	1.191	179.8	20:26:47.6	1199.0	z	Gunn	3	1 x 1	
140524	WFJ0347+2400-IZ1	3:49:18.07	+24:49:12.9	J2000.00	1.191	179.8	20:26:47.6	1199.0	z	Gunn	4	1 x 1	Cloudy
140525	WFJ0347+2400-IZ1	3:49:18.06	+24:49:12.9	J2000.00	1.128	179.8	20:51:29.7	1198.2	z	Gunn	1	1 x 1	
140526	WFJ0347+2400-IZ1	3:49:18.06	+24:49:12.9	J2000.00	1.128	179.8	20:51:29.7	1198.2	z	Gunn	5	1 x 1	
140527	WFJ0347+2400-IZ1	3:49:18.06	+24:49:12.9	J2000.00	1.128	179.8	20:51:29.7	1198.2	z	Gunn	3	1 x 1	
140528	WFJ0347+2400-IZ1	3:49:18.06	+24:49:12.9	J2000.00	1.128	179.8	20:51:29.7	1198.2	z	Gunn	4	1 x 1	
140529	WFJ0347+2400-IZ1	3:49:18.07	+24:49:12.9	J2000.00	1.078	179.8	21:17:12.6	1198.4	z	Gunn	1	1 x 1	
140530	WFJ0347+2400-IZ1	3:49:18.07	+24:49:12.9	J2000.00	1.078	179.8	21:17:12.6	1198.4	z	Gunn	5	1 x 1	
140531	WFJ0347+2400-IZ1	3:49:18.07	+24:49:12.9	J2000.00	1.078	179.8	21:17:12.6	1198.4	z	Gunn	3	1 x 1	
140532	WFJ0347+2400-IZ1	3:49:18.07	+24:49:12.9	J2000.00	1.078	179.8	21:17:12.6	1198.4	z	Gunn	4	1 x 1	
140533	WFJ0347+2400-IZ1	3:49:18.07	+24:49:12.9	J2000.00	1.049	179.8	21:41:31.0	599.5	I	INT-WFC	1	1 x 1	
140534	WFJ0347+2400-IZ1	3:49:18.07	+24:49:12.9	J2000.00	1.049	179.8	21:41:31.0	599.5	I	INT-WFC	5	1 x 1	
140535	WFJ0347+2400-IZ1	3:49:18.07	+24:49:12.9	J2000.00	1.049	179.8	21:41:31.0	599.5	I	INT-WFC	3	1 x 1	
140536	WFJ0347+2400-IZ1	3:49:18.07	+24:49:12.9	J2000.00	1.049	179.8	21:41:31.0	599.5	I	INT-WFC	4	1 x 1	

140537	WFJ0347+2400-IZ1	3:49:18.07	+24:49:12.9	J2000.00	1.032	179.8	21:57:21.1	599.5	I	INT-WFC	1	1 x 1
140538	WFJ0347+2400-IZ1	3:49:18.07	+24:49:12.9	J2000.00	1.032	179.8	21:57:21.1	599.5	I	INT-WFC	5	1 x 1
140539	WFJ0347+2400-IZ1	3:49:18.07	+24:49:12.9	J2000.00	1.032	179.8	21:57:21.1	599.5	I	INT-WFC	3	1 x 1
140540	WFJ0347+2400-IZ1	3:49:18.07	+24:49:12.9	J2000.00	1.032	179.8	21:57:21.1	599.5	I	INT-WFC	4	1 x 1
140541	wfj0347+2400-iz2	3:51:36.99	+24:19:38.1	J2000.00	1.018	179.8	22:16:53.6	599.0	I	INT-WFC	1	1 x 1
140542	wfj0347+2400-iz2	3:51:36.99	+24:19:38.1	J2000.00	1.018	179.8	22:16:53.6	599.0	I	INT-WFC	5	1 x 1
140543	wfj0347+2400-iz2	3:51:36.99	+24:19:38.1	J2000.00	1.018	179.8	22:16:53.6	599.0	I	INT-WFC	3	1 x 1
140544	wfj0347+2400-iz2	3:51:36.99	+24:19:38.1	J2000.00	1.018	179.8	22:16:53.6	599.0	I	INT-WFC	4	1 x 1
140545	wfj0347+2400-iz2	3:51:36.98	+24:19:37.9	J2000.00	1.008	179.8	22:29:46.4	1198.8	z	Gunn	1	1 x 1
140546	wfj0347+2400-iz2	3:51:36.98	+24:19:37.9	J2000.00	1.008	179.8	22:29:46.4	1198.8	z	Gunn	5	1 x 1
140547	wfj0347+2400-iz2	3:51:36.98	+24:19:37.9	J2000.00	1.008	179.8	22:29:46.4	1198.8	z	Gunn	3	1 x 1
140548	wfj0347+2400-iz2	3:51:36.98	+24:19:37.9	J2000.00	1.008	179.8	22:29:46.4	1198.8	z	Gunn	4	1 x 1
140549	WFJ0347+2400-IZ2	3:51:36.99	+24:19:38.0	J2000.00	1.003	179.8	22:54:24.2	1198.8	z	Gunn	1	1 x 1
140550	WFJ0347+2400-IZ2	3:51:36.99	+24:19:38.0	J2000.00	1.003	179.8	22:54:24.2	1198.8	z	Gunn	5	1 x 1
140551	WFJ0347+2400-IZ2	3:51:36.99	+24:19:38.0	J2000.00	1.003	179.8	22:54:24.2	1198.8	z	Gunn	3	1 x 1
140552	WFJ0347+2400-IZ2	3:51:36.99	+24:19:38.0	J2000.00	1.003	179.8	22:54:24.2	1198.8	z	Gunn	4	1 x 1
140553	WFJ0347+2400-IZ2	3:51:36.99	+24:19:37.9	J2000.00	1.007	179.8	23:17:09.0	1198.9	z	Gunn	1	1 x 1
140554	WFJ0347+2400-IZ2	3:51:36.99	+24:19:37.9	J2000.00	1.007	179.8	23:17:09.0	1198.9	z	Gunn	5	1 x 1
140555	WFJ0347+2400-IZ2	3:51:36.99	+24:19:37.9	J2000.00	1.007	179.8	23:17:09.0	1198.9	z	Gunn	3	1 x 1
140556	WFJ0347+2400-IZ2	3:51:36.99	+24:19:37.9	J2000.00	1.007	179.8	23:17:09.0	1198.9	z	Gunn	4	1 x 1
140557	wfj0347+2400-iz3	3:51:59.99	+24:41:00.1	J2000.00	1.017	179.8	23:44:16.8	599.4	I	INT-WFC	1	1 x 1
140558	wfj0347+2400-iz3	3:51:59.99	+24:41:00.1	J2000.00	1.017	179.8	23:44:16.8	599.4	I	INT-WFC	5	1 x 1
140559	wfj0347+2400-iz3	3:51:59.99	+24:41:00.1	J2000.00	1.017	179.8	23:44:16.8	599.4	I	INT-WFC	3	1 x 1
140560	wfj0347+2400-iz3	3:51:59.99	+24:41:00.1	J2000.00	1.017	179.8	23:44:16.8	599.4	I	INT-WFC	4	1 x 1
140561	wfj0347+2400-iz3	3:51:59.99	+24:41:00.0	J2000.00	1.032	179.8	23:57:09.3	1198.8	z	Gunn	1	1 x 1
140562	wfj0347+2400-iz3	3:51:59.99	+24:41:00.0	J2000.00	1.032	179.8	23:57:09.3	1198.8	z	Gunn	5	1 x 1
140563	wfj0347+2400-iz3	3:51:59.99	+24:41:00.0	J2000.00	1.032	179.8	23:57:09.3	1198.8	z	Gunn	3	1 x 1
140564	wfj0347+2400-iz3	3:51:59.99	+24:41:00.0	J2000.00	1.032	179.8	23:57:09.3	1198.8	z	Gunn	4	1 x 1
140565	wfj0347+2400-iz3	3:51:59.99	+24:41:00.0	J2000.00	1.053	179.8	00:21:07.0	599.5	I	INT-WFC	1	1 x 1
140566	wfj0347+2400-iz3	3:51:59.99	+24:41:00.0	J2000.00	1.053	179.8	00:21:07.0	599.5	I	INT-WFC	5	1 x 1
140567	wfj0347+2400-iz3	3:51:59.99	+24:41:00.0	J2000.00	1.053	179.8	00:21:07.0	599.5	I	INT-WFC	3	1 x 1
140568	wfj0347+2400-iz3	3:51:59.99	+24:41:00.0	J2000.00	1.053	179.8	00:21:07.0	599.5	I	INT-WFC	4	1 x 1
140569	wfj0347+2400-iz3	3:51:59.99	+24:40:59.9	J2000.00	1.080	179.8	00:33:56.3	1198.8	z	Gunn	1	1 x 1
140570	wfj0347+2400-iz3	3:51:59.99	+24:40:59.9	J2000.00	1.080	179.8	00:33:56.3	1198.8	z	Gunn	5	1 x 1
140571	wfj0347+2400-iz3	3:51:59.99	+24:40:59.9	J2000.00	1.080	179.8	00:33:56.3	1198.8	z	Gunn	3	1 x 1
140572	wfj0347+2400-iz3	3:51:59.99	+24:40:59.9	J2000.00	1.080	179.8	00:33:56.3	1198.8	z	Gunn	4	1 x 1
140573	wfj0347+2400-iz3	3:52:00.00	+24:40:59.9	J2000.00	1.120	179.8	00:59:51.2	599.4	I	INT-WFC	1	1 x 1
140574	wfj0347+2400-iz3	3:52:00.00	+24:40:59.9	J2000.00	1.120	179.8	00:59:51.2	599.4	I	INT-WFC	5	1 x 1
140575	wfj0347+2400-iz3	3:52:00.00	+24:40:59.9	J2000.00	1.120	179.8	00:59:51.2	599.4	I	INT-WFC	3	1 x 1
140576	wfj0347+2400-iz3	3:52:00.00	+24:40:59.9	J2000.00	1.120	179.8	00:59:51.2	599.4	I	INT-WFC	4	1 x 1
140577	wfj0347+2400-iz3	3:52:00.00	+24:40:59.9	J2000.00	1.164	179.8	01:12:43.6	1198.3	z	Gunn	1	1 x 1
140578	wfj0347+2400-iz3	3:52:00.00	+24:40:59.9	J2000.00	1.164	179.8	01:12:43.6	1198.3	z	Gunn	5	1 x 1
140579	wfj0347+2400-iz3	3:52:00.00	+24:40:59.9	J2000.00	1.164	179.8	01:12:43.6	1198.3	z	Gunn	3	1 x 1
140580	wfj0347+2400-iz3	3:52:00.00	+24:40:59.9	J2000.00	1.164	179.8	01:12:43.6	1198.3	z	Gunn	4	1 x 1
140581	wfj0347+2400-iz4	3:46:30.00	+23:49:59.9	J2000.00	1.253	179.8	01:40:07.5	599.4	I	INT-WFC	1	1 x 1
140582	wfj0347+2400-iz4	3:46:30.00	+23:49:59.9	J2000.00	1.253	179.8	01:40:07.5	599.4	I	INT-WFC	5	1 x 1
140583	wfj0347+2400-iz4	3:46:30.00	+23:49:59.9	J2000.00	1.253	179.8	01:40:07.5	599.4	I	INT-WFC	3	1 x 1
140584	wfj0347+2400-iz4	3:46:30.00	+23:49:59.9	J2000.00	1.253	179.8	01:40:07.5	599.4	I	INT-WFC	4	1 x 1
140585	wfj0347+2400-iz4	3:46:30.00	+23:50:00.1	J2000.00	1.325	179.8	01:53:00.4	1198.5	z	Gunn	1	1 x 1
140586	wfj0347+2400-iz4	3:46:30.00	+23:50:00.1	J2000.00	1.325	179.8	01:53:00.4	1198.5	z	Gunn	5	1 x 1
140587	wfj0347+2400-iz4	3:46:30.00	+23:50:00.1	J2000.00	1.325	179.8	01:53:00.4	1198.5	z	Gunn	3	1 x 1
140588	wfj0347+2400-iz4	3:46:30.00	+23:50:00.1	J2000.00	1.325	179.8	01:53:00.4	1198.5	z	Gunn	4	1 x 1
140589	wfj0347+2400-iz4	3:46:30.00	+23:50:00.0	J2000.00	1.419	179.8	02:17:13.5	599.5	I	INT-WFC	1	1 x 1
140590	wfj0347+2400-iz4	3:46:30.00	+23:50:00.0	J2000.00	1.419	179.8	02:17:13.5	599.5	I	INT-WFC	5	1 x 1
140591	wfj0347+2400-iz4	3:46:30.00	+23:50:00.0	J2000.00	1.419	179.8	02:17:13.5	599.5	I	INT-WFC	3	1 x 1
140592	wfj0347+2400-iz4	3:46:30.00	+23:50:00.0	J2000.00	1.419	179.8	02:17:13.5	599.5	I	INT-WFC	4	1 x 1
140593	wfj0347+2400-iz4	3:46:30.00	+23:49:59.8	J2000.00	1.528	179.8	02:30:06.0	1198.7	z	Gunn	1	1 x 1
140594	wfj0347+2400-iz4	3:46:30.00	+23:49:59.8	J2000.00	1.528	179.8	02:30:06.0	1198.7	z	Gunn	5	1 x 1
140595	wfj0347+2400-iz4	3:46:30.00	+23:49:59.8	J2000.00	1.528	179.8	02:30:06.0	1198.7	z	Gunn	3	1 x 1
140596	wfj0347+2400-iz4	3:46:30.00	+23:49:59.8	J2000.00	1.528	179.8	02:30:06.0	1198.7	z	Gunn	4	1 x 1
140597	Bias frame	3:46:30.00	+23:49:59.9	J2000.00	1.650	179.8	02:56:53.5	0.0	z	Gunn	1	1 x 1
140598	Bias frame	3:46:30.00	+23:49:59.9	J2000.00	1.650	179.8	02:56:53.5	0.0	z	Gunn	5	1 x 1

140599	Bias frame	3:46:30.00	+23:49:59.9	J2000.00	1.650	179.8	02:56:53.5	0.0	z	Gunn	3	1 x 1	
140600	Bias frame	3:46:30.00	+23:49:59.9	J2000.00	1.650	179.8	02:56:53.5	0.0	z	Gunn	4	1 x 1	
140601	Bias frame	3:46:30.00	+23:49:59.9	J2000.00	1.673	179.8	02:59:33.4	0.0	z	Gunn	1	1 x 1	
140602	Bias frame	3:46:30.00	+23:49:59.9	J2000.00	1.673	179.8	02:59:33.4	0.0	z	Gunn	5	1 x 1	
140603	Bias frame	3:46:30.00	+23:49:59.9	J2000.00	1.673	179.8	02:59:33.4	0.0	z	Gunn	3	1 x 1	
140604	Bias frame	3:46:30.00	+23:49:59.9	J2000.00	1.673	179.8	02:59:33.4	0.0	z	Gunn	4	1 x 1	
140605	wfsj0801+4019_022	8:00:23.69	+39:59:00.0	J2000.00	1.020	179.8	03:10:48.9	599.4	U	RGO	1	1 x 1	
140606	wfsj0801+4019_022	8:00:23.69	+39:59:00.0	J2000.00	1.020	179.8	03:10:48.9	599.4	U	RGO	5	1 x 1	
140607	wfsj0801+4019_022	8:00:23.69	+39:59:00.0	J2000.00	1.020	179.8	03:10:48.9	599.4	U	RGO	3	1 x 1	
140608	wfsj0801+4019_022	8:00:23.69	+39:59:00.0	J2000.00	1.020	179.8	03:10:48.9	599.4	U	RGO	4	1 x 1	
140609	wfsj0801+4019_022	8:00:23.69	+39:58:59.9	J2000.00	1.021	179.8	03:23:41.9	599.3	B	Kitt Peak	1	1 x 1	Kitt Peak B not
140610	wfsj0801+4019_022	8:00:23.69	+39:58:59.9	J2000.00	1.021	179.8	03:23:41.9	599.3	B	Kitt Peak	5	1 x 1	
140611	wfsj0801+4019_022	8:00:23.69	+39:58:59.9	J2000.00	1.021	179.8	03:23:41.9	599.3	B	Kitt Peak	3	1 x 1	
140612	wfsj0801+4019_022	8:00:23.69	+39:58:59.9	J2000.00	1.021	179.8	03:23:41.9	599.3	B	Kitt Peak	4	1 x 1	
140613	wfsj0801+4019_022	8:00:23.70	+39:59:00.0	J2000.00	1.025	179.8	03:36:30.8	599.4	V	Harris	1	1 x 1	
140614	wfsj0801+4019_022	8:00:23.70	+39:59:00.0	J2000.00	1.025	179.8	03:36:30.8	599.4	V	Harris	5	1 x 1	
140615	wfsj0801+4019_022	8:00:23.70	+39:59:00.0	J2000.00	1.025	179.8	03:36:30.8	599.4	V	Harris	3	1 x 1	
140616	wfsj0801+4019_022	8:00:23.70	+39:59:00.0	J2000.00	1.025	179.8	03:36:30.8	599.4	V	Harris	4	1 x 1	
140617	wfsj0801+4019_022	8:00:23.69	+39:59:00.1	J2000.00	1.030	179.8	03:49:17.4	599.0	R	Harris	1	1 x 1	
140618	wfsj0801+4019_022	8:00:23.69	+39:59:00.1	J2000.00	1.030	179.8	03:49:17.4	599.0	R	Harris	5	1 x 1	
140619	wfsj0801+4019_022	8:00:23.69	+39:59:00.1	J2000.00	1.030	179.8	03:49:17.4	599.0	R	Harris	3	1 x 1	
140620	wfsj0801+4019_022	8:00:23.69	+39:59:00.1	J2000.00	1.030	179.8	03:49:17.4	599.0	R	Harris	4	1 x 1	
140621	wfsj0801+4019_022	8:00:23.69	+39:58:59.9	J2000.00	1.039	179.8	04:02:06.8	599.4	z	Gunn	1	1 x 1	
140622	wfsj0801+4019_022	8:00:23.69	+39:58:59.9	J2000.00	1.039	179.8	04:02:06.8	599.4	z	Gunn	5	1 x 1	
140623	wfsj0801+4019_022	8:00:23.69	+39:58:59.9	J2000.00	1.039	179.8	04:02:06.8	599.4	z	Gunn	3	1 x 1	
140624	wfsj0801+4019_022	8:00:23.69	+39:58:59.9	J2000.00	1.039	179.8	04:02:06.8	599.4	z	Gunn	4	1 x 1	
140625	WFSJ0801+4019_022	8:00:23.70	+39:59:00.0	J2000.00	1.050	179.8	04:15:30.3	599.4	B	Kitt Peak	1	1 x 1	
140626	WFSJ0801+4019_022	8:00:23.70	+39:59:00.0	J2000.00	1.050	179.8	04:15:30.3	599.4	B	Kitt Peak	5	1 x 1	Kitt Peak B
140627	WFSJ0801+4019_022	8:00:23.70	+39:59:00.0	J2000.00	1.050	179.8	04:15:30.3	599.4	B	Kitt Peak	3	1 x 1	not focused
140628	WFSJ0801+4019_022	8:00:23.70	+39:59:00.0	J2000.00	1.050	179.8	04:15:30.3	599.4	B	Kitt Peak	4	1 x 1	
140629	WFSJ0801+4019_022	8:00:23.70	+39:58:59.9	J2000.00	1.069	179.8	04:33:37.8	599.6	B	Kitt Peak	1	1 x 1	
140630	WFSJ0801+4019_022	8:00:23.70	+39:58:59.9	J2000.00	1.069	179.8	04:33:37.8	599.6	B	Kitt Peak	5	1 x 1	ok now
140631	WFSJ0801+4019_022	8:00:23.70	+39:58:59.9	J2000.00	1.069	179.8	04:33:37.8	599.6	B	Kitt Peak	3	1 x 1	
140632	WFSJ0801+4019_022	8:00:23.70	+39:58:59.9	J2000.00	1.069	179.8	04:33:37.8	599.6	B	Kitt Peak	4	1 x 1	
140633	wfsj0801+4019_023	8:00:23.29	+40:19:00.2	J2000.00	1.093	179.8	04:50:41.6	599.0	U	RGO	1	1 x 1	
140634	wfsj0801+4019_023	8:00:23.29	+40:19:00.2	J2000.00	1.093	179.8	04:50:41.6	599.0	U	RGO	5	1 x 1	
140635	wfsj0801+4019_023	8:00:23.29	+40:19:00.2	J2000.00	1.093	179.8	04:50:41.6	599.0	U	RGO	3	1 x 1	
140636	wfsj0801+4019_023	8:00:23.29	+40:19:00.2	J2000.00	1.093	179.8	04:50:41.6	599.0	U	RGO	4	1 x 1	
140637	wfsj0801+4019_023	8:00:23.29	+40:18:59.9	J2000.00	1.114	179.8	05:03:30.7	599.4	B	Kitt Peak	1	1 x 1	
140638	wfsj0801+4019_023	8:00:23.29	+40:18:59.9	J2000.00	1.114	179.8	05:03:30.7	599.4	B	Kitt Peak	5	1 x 1	
140639	wfsj0801+4019_023	8:00:23.29	+40:18:59.9	J2000.00	1.114	179.8	05:03:30.7	599.4	B	Kitt Peak	3	1 x 1	
140640	wfsj0801+4019_023	8:00:23.29	+40:18:59.9	J2000.00	1.114	179.8	05:03:30.7	599.4	B	Kitt Peak	4	1 x 1	
140641	wfsj0801+4019_023	8:00:23.29	+40:19:00.0	J2000.00	1.138	179.8	05:16:23.9	599.5	V	Harris	1	1 x 1	
140642	wfsj0801+4019_023	8:00:23.29	+40:19:00.0	J2000.00	1.138	179.8	05:16:23.9	599.5	V	Harris	5	1 x 1	
140643	wfsj0801+4019_023	8:00:23.29	+40:19:00.0	J2000.00	1.138	179.8	05:16:23.9	599.5	V	Harris	3	1 x 1	
140644	wfsj0801+4019_023	8:00:23.29	+40:19:00.0	J2000.00	1.138	179.8	05:16:23.9	599.5	V	Harris	4	1 x 1	
140645	wfsj0801+4019_023	8:00:23.30	+40:19:00.0	J2000.00	1.166	179.8	05:29:10.4	599.5	R	Harris	1	1 x 1	
140646	wfsj0801+4019_023	8:00:23.30	+40:19:00.0	J2000.00	1.166	179.8	05:29:10.4	599.5	R	Harris	5	1 x 1	
140647	wfsj0801+4019_023	8:00:23.30	+40:19:00.0	J2000.00	1.166	179.8	05:29:10.4	599.5	R	Harris	3	1 x 1	
140648	wfsj0801+4019_023	8:00:23.30	+40:19:00.0	J2000.00	1.166	179.8	05:29:10.4	599.5	R	Harris	4	1 x 1	
140649	wfsj0801+4019_023	8:00:23.30	+40:18:59.9	J2000.00	1.197	179.8	05:42:03.4	599.6	z	Gunn	1	1 x 1	
140650	wfsj0801+4019_023	8:00:23.30	+40:18:59.9	J2000.00	1.197	179.8	05:42:03.4	599.6	z	Gunn	5	1 x 1	
140651	wfsj0801+4019_023	8:00:23.30	+40:18:59.9	J2000.00	1.197	179.8	05:42:03.4	599.6	z	Gunn	3	1 x 1	
140652	wfsj0801+4019_023	8:00:23.30	+40:18:59.9	J2000.00	1.197	179.8	05:42:03.4	599.6	z	Gunn	4	1 x 1	
140653	wfsj0801+4019_024	8:00:22.90	+40:38:59.9	J2000.00	1.242	179.8	05:57:46.7	599.5	U	RGO	1	1 x 1	
140654	wfsj0801+4019_024	8:00:22.90	+40:38:59.9	J2000.00	1.242	179.8	05:57:46.7	599.5	U	RGO	5	1 x 1	
140655	wfsj0801+4019_024	8:00:22.90	+40:38:59.9	J2000.00	1.242	179.8	05:57:46.7	599.5	U	RGO	3	1 x 1	
140656	wfsj0801+4019_024	8:00:22.90	+40:38:59.9	J2000.00	1.242	179.8	05:57:46.7	599.5	U	RGO	4	1 x 1	
140657	wfsj0801+4019_024	8:00:22.90	+40:38:59.9	J2000.00	1.283	179.8	06:10:38.7	599.4	B	Kitt Peak	1	1 x 1	
140658	wfsj0801+4019_024	8:00:22.90	+40:38:59.9	J2000.00	1.283	179.8	06:10:38.7	599.4	B	Kitt Peak	5	1 x 1	
140659	wfsj0801+4019_024	8:00:22.90	+40:38:59.9	J2000.00	1.283	179.8	06:10:38.7	599.4	B	Kitt Peak	3	1 x 1	
140660	wfsj0801+4019_024	8:00:22.90	+40:38:59.9	J2000.00	1.283	179.8	06:10:38.7	599.4	B	Kitt Peak	4	1 x 1	

140661	wfsj0801+4019_024	8:00:22.90	+40:39:00.0	J2000.00	1.330	179.8	06:23:31.0	599.5	V	Harris	1	1 x 1
140662	wfsj0801+4019_024	8:00:22.90	+40:39:00.0	J2000.00	1.330	179.8	06:23:31.0	599.5	V	Harris	5	1 x 1
140663	wfsj0801+4019_024	8:00:22.90	+40:39:00.0	J2000.00	1.330	179.8	06:23:31.0	599.5	V	Harris	3	1 x 1
140664	wfsj0801+4019_024	8:00:22.90	+40:39:00.0	J2000.00	1.330	179.8	06:23:31.0	599.5	V	Harris	4	1 x 1
140669	wfsj0801+4019_024	8:00:22.89	+40:39:00.1	J2000.00	1.402	179.8	06:40:45.6	599.5	z	Gunn	1	1 x 1
140670	wfsj0801+4019_024	8:00:22.89	+40:39:00.1	J2000.00	1.402	179.8	06:40:45.6	599.5	z	Gunn	5	1 x 1
140671	wfsj0801+4019_024	8:00:22.89	+40:39:00.1	J2000.00	1.402	179.8	06:40:45.6	599.5	z	Gunn	3	1 x 1
140672	wfsj0801+4019_024	8:00:22.89	+40:39:00.1	J2000.00	1.402	179.8	06:40:45.6	599.5	z	Gunn	4	1 x 1
140673	Flat field	13:04:33.00	+29:50:49.0	B1950.00	1.023	179.8	07:22:01.3	199.9	I	INT-WFC	1	1 x 1
140674	Flat field	13:04:33.00	+29:50:49.0	B1950.00	1.023	179.8	07:22:01.3	199.9	I	INT-WFC	5	1 x 1
140675	Flat field	13:04:33.00	+29:50:49.0	B1950.00	1.023	179.8	07:22:01.3	199.9	I	INT-WFC	3	1 x 1
140676	Flat field	13:04:33.00	+29:50:49.0	B1950.00	1.023	179.8	07:22:01.3	199.9	I	INT-WFC	4	1 x 1
140677	Flat field	13:04:33.00	+29:50:58.9	B1950.00	1.019	179.8	07:28:22.8	30.1	I	INT-WFC	1	1 x 1
140678	Flat field	13:04:33.00	+29:50:58.9	B1950.00	1.019	179.8	07:28:22.8	30.1	I	INT-WFC	5	1 x 1
140679	Flat field	13:04:33.00	+29:50:58.9	B1950.00	1.019	179.8	07:28:22.8	30.1	I	INT-WFC	3	1 x 1
140680	Flat field	13:04:33.00	+29:50:58.9	B1950.00	1.019	179.8	07:28:22.8	30.1	I	INT-WFC	4	1 x 1
140681	Flat field	13:04:33.76	+29:50:58.9	B1950.00	1.017	179.8	07:31:49.4	20.5	I	INT-WFC	1	1 x 1
140682	Flat field	13:04:33.76	+29:50:58.9	B1950.00	1.017	179.8	07:31:49.4	20.5	I	INT-WFC	5	1 x 1
140683	Flat field	13:04:33.76	+29:50:58.9	B1950.00	1.017	179.8	07:31:49.4	20.5	I	INT-WFC	3	1 x 1
140684	Flat field	13:04:33.76	+29:50:58.9	B1950.00	1.017	179.8	07:31:49.4	20.5	I	INT-WFC	4	1 x 1
140685	Flat field	13:04:33.76	+29:50:49.0	B1950.00	1.015	179.8	07:35:07.8	8.2	I	INT-WFC	1	1 x 1
140686	Flat field	13:04:33.76	+29:50:49.0	B1950.00	1.015	179.8	07:35:07.8	8.2	I	INT-WFC	5	1 x 1
140687	Flat field	13:04:33.76	+29:50:49.0	B1950.00	1.015	179.8	07:35:07.8	8.2	I	INT-WFC	3	1 x 1
140688	Flat field	13:04:33.76	+29:50:49.0	B1950.00	1.015	179.8	07:35:07.8	8.2	I	INT-WFC	4	1 x 1
140689	Flat field	13:04:33.76	+29:50:49.0	B1950.00	1.012	179.8	07:38:33.6	5.6	U	RGO	1	1 x 1
140690	Flat field	13:04:33.76	+29:50:49.0	B1950.00	1.012	179.8	07:38:33.6	5.6	U	RGO	5	1 x 1
140691	Flat field	13:04:33.76	+29:50:49.0	B1950.00	1.012	179.8	07:38:33.6	5.6	U	RGO	3	1 x 1
140692	Flat field	13:04:33.76	+29:50:49.0	B1950.00	1.012	179.8	07:38:33.6	5.6	U	RGO	4	1 x 1