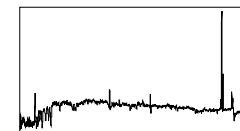


UT Date 2008-09-02 Observers W PetersColl. Focus 1350 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0005.COMP	10	01:10	16:12:37.6	+31:32:14	300	90	3.0	#0 Calibration	2	
0006-0015.BIAS	0	01:56	16:12:37.6	+31:32:14	300	90	3.0	#0 Calibration	2	
0016-0030.FLAT	25	02:06	16:12:37.6	+31:32:14	300	90	3.0	#0 Calibration	2	
0031.AGDra	2	03:23	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0032.AGDra	15	03:23	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0033.AGDra	45	03:24	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0034.COMP	10	03:25	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0035.CICyg	2	03:37	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0036.CICyg	20	03:37	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0037.CICyg	60	03:38	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0038.COMP	10	03:40	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0039.CHCyg	1	03:45	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0040.CHCyg	5	03:45	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0041.CHCyg	30	03:45	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0042.COMP	10	03:46	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0043.BFCyg	1	03:48	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0044.BFCyg	60	03:49	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0045.COMP	10	03:51	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0046.AS360	60	03:59	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0047.AS360	300	04:00	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0048.COMP	10	04:06	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0049.PUVu1	1	04:09	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0050.PUVu1	10	04:10	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0051.PUVu1	60	04:10	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0052.COMP	10	04:12	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0053.MRK501	180	04:18	16:53:52.1	+39:45:36	300	90	3.0	#6 AGN Monitor	2	
0054.MRK501	180	04:22	16:53:52.1	+39:45:36	300	90	3.0	#6 AGN Monitor	2	
0055.COMP	10	04:27	16:53:52.1	+39:45:36	300	90	3.0	#6 AGN Monitor	2	
0056.1ES1959p650	300	04:32	19:59:59.8	+65:08:55	300	90	3.0	#6 AGN Monitor	2	
0057.1ES1959p650	300	04:38	19:59:59.8	+65:08:55	300	90	3.0	#6 AGN Monitor	2	
0058.COMP	10	04:43	19:59:59.8	+65:08:55	300	90	3.0	#6 AGN Monitor	2	
0059.MRK509	180	04:49	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0060.MRK509	180	04:53	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0061.COMP	10	04:56	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0062.BDp284211	90	05:17	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0063.BDp284211	90	05:19	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0064.COMP	10	05:21	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0065.BDp174708	45	05:23	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0066.BDp174708	45	05:24	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0067.COMP	10	05:26	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0068.N7331	180	05:28	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0069.N7331	180	05:32	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0070.COMP	10	05:35	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0071.BLLac	180	05:39	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	
0072.BLLac	180	05:42	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	
0073.COMP	10	05:46	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	
0074.S3534.33+4149	300	05:50	20:35:34.3	+41:49:47	300	90	3.0	#183 Young Sta	2	
0075.COMP	10	05:55	20:35:34.3	+41:49:47	300	90	3.0	#183 Young Sta	2	
0076.S3538.90+4156	300	05:57	20:35:38.9	+41:56:41	300	90	3.0	#183 Young Sta	2	
0077.COMP	10	06:03	20:35:38.9	+41:56:41	300	90	3.0	#183 Young Sta	2	
0078.S3547.46+4146	300	06:08	20:35:47.5	+41:46:48	300	80	3.0	#183 Young Sta	2	
0079.COMP	10	06:14	20:35:47.5	+41:46:48	300	80	3.0	#183 Young Sta	2	
0080.S3626.18+4146	300	06:16	20:36:26.2	+41:46:24	300	80	3.0	#183 Young Sta	2	
0081.COMP	10	06:25	20:36:26.2	+41:46:24	300	80	3.0	#183 Young Sta	2	
0082.S3626.35+4138	300	06:39	20:36:26.4	+41:38:37	300	90	3.0	#183 Young Sta	2	
0083.COMP	10	06:44	20:36:26.4	+41:38:37	300	90	3.0	#183 Young Sta	2	
0084.S3629.06+4208	300	06:48	20:36:29.1	+42:08:26	300	90	3.0	#183 Young Sta	2	
0085.COMP	10	06:54	20:36:29.1	+42:08:26	300	90	3.0	#183 Young Sta	2	
0086.S3630.64+4142	300	06:59	20:36:30.6	+41:42:57	300	90	3.0	#183 Young Sta	2	
0087.COMP	10	07:05	20:36:30.6	+41:42:57	300	90	3.0	#183 Young Sta	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0088.S3701.76+4147	300	07:08	20:37:01.8	+41:47:38	300	90	3.0	#183 Young Sta	2	
0089.COMP	10	07:13	20:37:01.8	+41:47:38	300	90	3.0	#183 Young Sta	2	
0090.S3702.50+4158	300	07:15	20:37:02.5	+41:58:43	300	90	3.0	#183 Young Sta	2	
0091.COMP	10	07:23	20:37:02.5	+41:58:43	300	90	3.0	#183 Young Sta	2	
0092.ZAnd	1	09:05	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0093.ZAnd	5	09:06	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0094.ZAnd	30	09:06	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0095.COMP	10	09:07	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0096.RAqr	1	09:14	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0097.RAqr	5	09:14	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0098.RAqr	10	09:15	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0099.COMP	10	09:16	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0100.EGAnd	1	09:19	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0101.EGAnd	5	09:19	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0102.EGAnd	10	09:20	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0103.COMP	10	09:22	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0104.AXPer	4	09:30	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0105.AXPer	30	09:31	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0106.AXPer	90	09:32	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0107.COMP	10	09:34	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0108.N7469	120	09:40	23:03:15.7	+08:52:27	300	46	3.0	#6 AGN Monitor	2	
0109.N7469	120	09:42	23:03:15.7	+08:52:27	300	46	3.0	#6 AGN Monitor	2	
0110.COMP	10	09:45	23:03:15.7	+08:52:27	300	46	3.0	#6 AGN Monitor	2	
0111.1ES2344p514	120	10:05	23:47:04.6	+51:42:18	300	90	3.0	#6 AGN Monitor	2	
0112.1ES2344p514	120	10:08	23:47:04.6	+51:42:18	300	90	3.0	#6 AGN Monitor	2	
0113.COMP	10	10:11	23:47:04.6	+51:42:18	300	90	3.0	#6 AGN Monitor	2	
0114.3C66A	180	10:18	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0115.3C66A	180	10:24	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0116.COMP	10	10:28	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0117.sn2008fg	1800	10:42	03:18:44.1	+41:28:57	300	90	3.0	#2 SN Observat	2	
0118.COMP	10	11:15	03:18:44.1	+41:28:57	300	90	3.0	#2 SN Observat	2	
0120.HD19445	10	11:26	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0121.HD19445	10	11:28	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0122.COMP	10	11:29	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0123-0132.BIAS	0	11:53	03:08:25.6	+26:19:51	300	90	3.0	#0 Calibration	2	
0133-0147.FLAT	25	12:02	03:08:25.6	+26:19:51	300	90	3.0	#0 Calibration	2	
0148-0152.DARK	900	13:20	03:08:25.6	+26:19:51	300	90	3.0	#0 Calibration	2	

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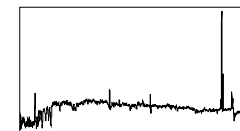
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0166-0175.BIAS	0	01:43	17:02:03.3	+31:31:10	300	90	3.0	#0 Calibration	2	
0176-0185.FLAT	50	01:53	17:02:03.3	+31:31:10	300	90	3.0	#0 Calibration	2	
0186.sn2008fh	1800	03:50	17:12:49.9	+42:48:52	300	60	3.0	#2 SN Observat	2	
0187.COMP	10	04:21	17:12:49.9	+42:48:52	300	60	3.0	#2 SN Observat	2	
0188.CICyg	2	04:27	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0189.CICyg	20	04:28	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0190.CICyg	60	04:28	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0191.COMP	10	04:30	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0192.AS210	5	04:36	16:51:20.3	-26:00:33	300	90	3.0	#12 Symbiotic	2	
0193.AS210	300	04:37	16:51:20.3	-26:00:33	300	90	3.0	#12 Symbiotic	2	
0194.COMP	10	04:43	16:51:20.3	-26:00:33	300	90	3.0	#12 Symbiotic	2	
0195.Hen1341	12	04:53	17:08:36.0	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0196.Hen1341	30	04:53	17:08:36.0	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0197.Hen1341	60	04:54	17:08:36.0	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0198.COMP	10	04:55	17:08:36.0	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0199.RSOph	10	04:59	17:50:13.0	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0200.RSOph	60	05:00	17:50:13.0	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0201.RSOph	150	05:02	17:50:13.0	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0202.COMP	10	05:05	17:50:13.0	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0203.AS270	60	05:08	18:05:33.7	-20:20:38	300	90	3.0	#12 Symbiotic	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0204.AS270	300	05:10	18:05:33.7	-20:20:38	300	90	3.0	#12 Symbiotic	2	
0205.COMP	10	05:19	18:05:33.7	-20:20:38	300	90	3.0	#12 Symbiotic	2	
0206.Hen1591	120	05:22	18:07:32.0	-25:53:43	300	90	3.0	#12 Symbiotic	2	
0207.Hen1591	300	05:25	18:07:32.0	-25:53:43	300	90	3.0	#12 Symbiotic	2	
0208.COMP	10	05:31	18:07:32.0	-25:53:43	300	90	3.0	#12 Symbiotic	2	
0209.S3704.89+4205	300	05:35	20:37:04.9	+42:05:12	300	90	3.0	#183 Young Sta	2	
0210.COMP	10	05:40	20:37:04.9	+42:05:12	300	90	3.0	#183 Young Sta	2	
0211.S3707.70+4240	300	05:42	20:37:07.7	+42:40:18	300	90	3.0	#183 Young Sta	2	
0212.COMP	10	05:47	20:37:07.7	+42:40:18	300	90	3.0	#183 Young Sta	2	
0213.S3714.15+4154	300	06:28	20:37:14.2	+41:54:31	300	90	3.0	#183 Young Sta	2	
0214.COMP	10	06:34	20:37:14.2	+41:54:31	300	90	3.0	#183 Young Sta	2	
0215.S3719.15+4210	300	06:35	20:37:19.1	+42:10:58	300	90	3.0	#183 Young Sta	2	
0216.COMP	10	06:41	20:37:19.1	+42:10:58	300	90	3.0	#183 Young Sta	2	
0217.S3722.79+4137	240	06:44	20:37:22.8	+41:37:22	300	90	3.0	#183 Young Sta	2	
0218.COMP	10	06:48	20:37:22.8	+41:37:22	300	90	3.0	#183 Young Sta	2	
0219.S3723.64+4200	240	06:50	20:37:23.6	+42:00:02	300	90	3.0	#183 Young Sta	2	
0220.COMP	10	06:55	20:37:23.6	+42:00:02	300	90	3.0	#183 Young Sta	2	
0221.S3723.84+4201	300	06:57	20:37:23.8	+42:01:49	300	90	3.0	#183 Young Sta	2	
0222.COMP	10	07:06	20:37:23.8	+42:01:49	300	90	3.0	#183 Young Sta	2	
0223.S3736.99+4152	300	07:07	20:37:37.0	+41:52:36	300	90	3.0	#183 Young Sta	2	

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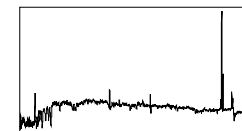
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0224.COMP	10	07:14	20:37:37.0	+41:52:36	300	90	3.0	#183 Young Sta	2	
0225.N7331	180	07:16	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0226.N7331	180	07:20	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0227.COMP	10	07:23	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0228.BDp284211	90	07:25	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0229.BDp284211	90	07:27	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0230.COMP	10	07:29	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0231.BDp174708	45	07:30	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0232.BDp174708	45	07:31	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0233.COMP	10	07:32	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0234.S3739.17+4149	180	07:37	20:37:39.2	+41:49:54	300	90	3.0	#183 Young Sta	2	
0235.COMP	10	07:41	20:37:39.2	+41:49:54	300	90	3.0	#183 Young Sta	2	
0236.S3739.27+4152	180	07:43	20:37:39.3	+41:52:42	300	90	3.0	#183 Young Sta	2	
0237.COMP	10	07:46	20:37:39.3	+41:52:42	300	90	3.0	#183 Young Sta	2	
0238.S3744.36+4125	180	07:49	20:37:44.4	+41:25:44	300	90	3.0	#183 Young Sta	2	
0239.COMP	10	07:54	20:37:44.4	+41:25:44	300	90	3.0	#183 Young Sta	2	
0240.S3749.49+4136	180	07:56	20:37:49.5	+41:36:55	300	90	3.0	#183 Young Sta	2	
0241.COMP	10	07:59	20:37:49.5	+41:36:55	300	90	3.0	#183 Young Sta	2	
0242.S3750.29+4154	240	08:01	20:37:50.3	+41:54:08	300	90	3.0	#183 Young Sta	2	
0243.COMP	10	08:06	20:37:50.3	+41:54:08	300	90	3.0	#183 Young Sta	2	

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0244.S3750.29+4158	240	08:07	20:37:50.3	+41:58:14	300	90	3.0	#183 Young Sta	2	
0245.COMP	10	08:12	20:37:50.3	+41:58:14	300	90	3.0	#183 Young Sta	2	
0246.S3752.03+4203	240	08:13	20:37:52.0	+42:03:03	300	90	3.0	#183 Young Sta	2	
0247.COMP	10	08:18	20:37:52.0	+42:03:03	300	90	3.0	#183 Young Sta	2	
0248.XS00431B7_001	900	08:35	22:40:30.2	+03:21:31	300	90	3.0	#129 ChaMP Sou	2	
0249.COMP	10	08:51	22:40:30.2	+03:21:31	300	90	3.0	#129 ChaMP Sou	2	
0250.XS00431B7_019	1920	09:05	22:40:42.6	+03:24:33	300	90	3.0	#129 ChaMP Sou	2	
0251.COMP	10	09:38	22:40:42.6	+03:24:33	300	90	3.0	#129 ChaMP Sou	2	
0252.00470601+3804487	1200	10:16	00:47:06.0	+38:04:49	300	90	3.0	#141 Mapping t	2	
0253.COMP	10	10:37	00:47:06.0	+38:04:49	300	90	3.0	#141 Mapping t	2	
0254.01572238+0646057	1200	10:41	01:57:22.4	+06:46:06	300	90	3.0	#141 Mapping t	2	
0255.COMP	10	11:01	01:57:22.4	+06:46:06	300	90	3.0	#141 Mapping t	2	
0256.01584481+4200126	660	11:07	01:58:44.8	+42:00:13	300	90	3.0	#141 Mapping t	2	
0257.COMP	10	11:19	01:58:44.8	+42:00:13	300	90	3.0	#141 Mapping t	2	
0258.01584773+4559136	900	11:28	01:58:47.7	+45:59:14	300	90	3.0	#141 Mapping t	2	
0259.COMP	10	11:43	01:58:47.7	+45:59:14	300	90	3.0	#141 Mapping t	2	
0260.var31	180	11:56	02:00:25.4	+44:10:19	300	90	3.0	#2 SN Observat	2	took this for Pete Challis of SN group
0261.COMP	10	11:59	02:00:25.4	+44:10:19	300	90	3.0	#2 SN Observat	2	took fo Pete Challis of SN group
0262.HD19445	10	12:15	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0263.HD19445	10	12:16	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	

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0264.COMP	10	12:16	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0265-0269.DARK	900	13:34	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	4	
0270-0274.DARK	900	14:50	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	

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0001-0010.BIAS	0	00:19	03:08:25.6	+26:19:51	300	90	3.0	#0 Calibration	2	
0011-0020.FLAT	50	00:29	03:08:25.6	+26:19:51	300	90	3.0	#0 Calibration	2	
0021-0025.DARK	900	02:12	03:08:25.6	+26:19:51	300	90	3.0	#0 Calibration	2	
0026.CICyg	2	02:42	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0027.CICyg	20	02:42	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0029.CICyg	60	02:44	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0030.COMP	10	02:47	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0031.AGDra	2	02:53	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0032.AGDra	15	02:53	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0033.AGDra	45	02:54	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0034.COMP	10	02:55	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0035.TCrB	15	02:59	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0036.TCrB	60	03:00	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0037.COMP	10	03:02	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0038.DracoC1	1200	03:11	17:19:58.0	+57:50:06	300	90	3.0	#12 Symbiotic	2	
0039.COMP	10	03:32	17:19:58.0	+57:50:06	300	90	3.0	#12 Symbiotic	2	
0040.BFCyg	1	03:36	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0041.BFCyg	10	03:37	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0042.BFCyg	60	03:37	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0043.COMP	10	03:39	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	

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0044.CHCyg	1	03:42	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0045.CHCyg	3	03:43	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0046.CHCyg	15	03:43	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0047.COMP	10	03:44	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0048.AS281	15	03:51	18:10:44.0	-27:57:57	300	90	3.0	#12 Symbiotic	2	too short
0049.AS281	120	03:51	18:10:44.0	-27:57:57	300	90	3.0	#12 Symbiotic	2	2 minute
0050.COMP	10	03:54	18:10:44.0	-27:57:57	300	90	3.0	#12 Symbiotic	2	
0051.AS281	60	03:56	18:10:44.0	-27:57:57	300	90	3.0	#12 Symbiotic	2	1 minute
0052.AS281	360	03:57	18:10:44.0	-27:57:57	300	90	3.0	#12 Symbiotic	2	
0053.AS289	15	04:08	18:12:22.0	-11:40:08	300	90	3.0	#12 Symbiotic	2	
0054.AS289	120	04:08	18:12:22.0	-11:40:08	300	90	3.0	#12 Symbiotic	2	
0055.COMP	10	04:11	18:12:22.0	-11:40:08	300	90	3.0	#12 Symbiotic	2	
0056.YYHer	30	04:20	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0057.YYHer	180	04:21	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0058.COMP	10	04:26	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0059.AS296	15	04:29	18:15:07.0	-00:18:52	300	90	3.0	#12 Symbiotic	2	
0060.AS296	60	04:29	18:15:07.0	-00:18:52	300	90	3.0	#12 Symbiotic	2	
0061.AS296	120	04:31	18:15:07.0	-00:18:52	300	90	3.0	#12 Symbiotic	2	
0062.COMP	10	04:34	18:15:07.0	-00:18:52	300	90	3.0	#12 Symbiotic	2	
0063.Hen1674	120	04:42	18:20:19.1	-26:22:46	300	60	3.0	#12 Symbiotic	2	

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0064.Hen1674	600	04:45	18:20:19.1	-26:22:46	300	60	3.0	#12 Symbiotic	2	
0065.COMP	10	04:56	18:20:19.1	-26:22:46	300	60	3.0	#12 Symbiotic	2	
0066.V443Her	5	05:02	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0067.V443Her	45	05:02	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0068.V443Her	90	05:03	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0069.COMP	10	05:05	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0070.AS316	30	05:10	18:42:33.0	-21:17:47	300	28	3.0	#12 Symbiotic	2	
0071.AS316	300	05:11	18:42:33.0	-21:17:47	300	28	3.0	#12 Symbiotic	2	
0072.COMP	10	05:16	18:42:33.0	-21:17:47	300	28	3.0	#12 Symbiotic	2	
0073.AS327	30	05:23	18:53:17.0	-24:22:59	300	28	3.0	#12 Symbiotic	2	
0074.AS327	300	05:24	18:53:17.0	-24:22:59	300	28	3.0	#12 Symbiotic	2	
0075.COMP	10	05:30	18:53:17.0	-24:22:59	300	28	3.0	#12 Symbiotic	2	
0076.AS338	90	05:33	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0077.AS338	600	05:35	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0078.COMP	10	05:46	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0079.V919Sgr	15	05:52	19:03:45.0	-16:59:56	300	34	3.0	#12 Symbiotic	2	
0080.V919Sgr	30	05:52	19:03:45.0	-16:59:56	300	34	3.0	#12 Symbiotic	2	
0081.COMP	10	05:54	19:03:45.0	-16:59:56	300	34	3.0	#12 Symbiotic	2	
0082.BDp284211	90	05:58	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0083.BDp284211	90	06:00	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	

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0084.COMP	10	06:02	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0085.BDp174708	45	06:04	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0086.BDp174708	45	06:05	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0087.COMP	10	06:06	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0088.N7331	180	06:09	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0089.N7331	180	06:13	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0090.COMP	10	06:17	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0091.S3800.42+4213	180	06:21	20:38:00.4	+42:13:51	300	90	3.0	#183 Young Sta	2	
0092.COMP	10	06:25	20:38:00.4	+42:13:51	300	90	3.0	#183 Young Sta	2	
0093.S3807.45+4217	180	06:28	20:38:07.4	+42:17:17	300	90	3.0	#183 Young Sta	2	
0094.COMP	10	06:33	20:38:07.4	+42:17:17	300	90	3.0	#183 Young Sta	2	
0095.S3807.90+4157	120	06:36	20:38:07.9	+41:57:43	300	90	3.0	#183 Young Sta	2	
0096.COMP	10	06:38	20:38:07.9	+41:57:43	300	90	3.0	#183 Young Sta	2	
0097.S3811.35+4212	180	06:43	20:38:11.3	+42:12:03	300	22	3.0	#183 Young Sta	2	
0098.COMP	10	06:46	20:38:11.3	+42:12:03	300	22	3.0	#183 Young Sta	2	
0099.S3820.41+4156	180	06:50	20:38:20.4	+41:56:57	300	89	3.0	#183 Young Sta	2	
0100.COMP	10	06:55	20:38:20.4	+41:56:57	300	89	3.0	#183 Young Sta	2	
0101.S3826.04+4204	300	06:58	20:38:26.0	+42:04:52	300	-5	3.0	#183 Young Sta	2	
0102.COMP	10	07:04	20:38:26.0	+42:04:52	300	-5	3.0	#183 Young Sta	2	
0103.S3833.39+4208	180	07:07	20:38:33.4	+42:08:46	300	90	3.0	#183 Young Sta	2	

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0104.COMP	10	07:10	20:38:33.4	+42:08:46	300	90	3.0	#183 Young Sta	2	
0105.S3834.23+4208	180	07:12	20:38:34.2	+42:08:56	300	90	3.0	#183 Young Sta	2	
0106.COMP	10	07:16	20:38:34.2	+42:08:56	300	90	3.0	#183 Young Sta	2	
0109.S3835.43+4157	240	07:40	20:38:35.4	+41:57:51	300	90	3.0	#183 Young Sta	2	
0110.COMP	10	07:45	20:38:35.4	+41:57:51	300	90	3.0	#183 Young Sta	2	
0111.S3837.73+4148	180	07:47	20:38:37.7	+41:48:27	300	90	3.0	#183 Young Sta	2	
0112.COMP	10	07:51	20:38:37.7	+41:48:27	300	90	3.0	#183 Young Sta	2	
0113.S3840.76+4216	180	07:54	20:38:40.8	+42:16:43	300	90	3.0	#183 Young Sta	2	
0114.COMP	10	07:58	20:38:40.8	+42:16:43	300	90	3.0	#183 Young Sta	2	
0115.S3844.23+4145	120	08:00	20:38:44.2	+41:45:56	300	90	3.0	#183 Young Sta	2	
0116.COMP	10	08:02	20:38:44.2	+41:45:56	300	90	3.0	#183 Young Sta	2	
0117.S3846.03+4204	120	08:06	20:38:46.0	+42:04:12	300	90	3.0	#183 Young Sta	2	
0118.COMP	10	08:08	20:38:46.0	+42:04:12	300	90	3.0	#183 Young Sta	2	
0119.S3909.76+4208	120	08:10	20:39:09.8	+42:08:49	300	90	3.0	#183 Young Sta	2	
0120.COMP	10	08:15	20:39:09.8	+42:08:49	300	90	3.0	#183 Young Sta	2	
0121.S3911.06+4205	120	08:17	20:39:11.1	+42:05:09	300	90	3.0	#183 Young Sta	2	
0122.COMP	10	08:19	20:39:11.1	+42:05:09	300	90	3.0	#183 Young Sta	2	
0123.S3921.07+4210	120	08:21	20:39:21.1	+42:10:14	300	90	3.0	#183 Young Sta	2	
0124.COMP	10	08:24	20:39:21.1	+42:10:14	300	90	3.0	#183 Young Sta	2	
0125.S3921.37+4212	180	08:27	20:39:21.4	+42:12:13	300	90	3.0	#183 Young Sta	2	

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0126.COMP	10	08:31	20:39:21.4	+42:12:13	300	90	3.0	#183 Young Sta	2	
0127.S3925.11+4243	120	08:32	20:39:25.1	+42:43:28	300	90	3.0	#183 Young Sta	2	
0128.COMP	10	08:36	20:39:25.1	+42:43:28	300	90	3.0	#183 Young Sta	2	
0129.S3931.92+4240	120	08:39	20:39:31.9	+42:40:21	300	90	3.0	#183 Young Sta	2	
0130.COMP	10	08:42	20:39:31.9	+42:40:21	300	90	3.0	#183 Young Sta	2	
0133.S3936.31+4202	120	08:49	20:39:36.3	+42:02:14	300	90	3.0	#183 Young Sta	2	
0134.COMP	10	08:51	20:39:36.3	+42:02:14	300	90	3.0	#183 Young Sta	2	
0135.S3936.58+4233	240	08:57	20:39:36.6	+42:33:45	300	90	3.0	#183 Young Sta	2	
0136.COMP	10	09:06	20:39:36.6	+42:33:45	300	90	3.0	#183 Young Sta	2	
0137.S3936.91+4219	120	09:08	20:39:36.9	+42:19:32	300	90	3.0	#183 Young Sta	2	
0138.COMP	10	09:11	20:39:36.9	+42:19:32	300	90	3.0	#183 Young Sta	2	
0139.S3939.98+4221	120	09:12	20:39:40.0	+42:21:44	300	90	3.0	#183 Young Sta	2	
0140.COMP	10	09:14	20:39:40.0	+42:21:44	300	90	3.0	#183 Young Sta	2	
0141.S3948.38+4228	120	09:15	20:39:48.4	+42:28:56	300	90	3.0	#183 Young Sta	2	
0142.COMP	10	09:18	20:39:48.4	+42:28:56	300	90	3.0	#183 Young Sta	2	
0143.S3950.88+4210	180	09:20	20:39:50.9	+42:10:51	300	90	3.0	#183 Young Sta	2	
0144.COMP	10	09:23	20:39:50.9	+42:10:51	300	90	3.0	#183 Young Sta	2	
0145.XS04827B6_003	1980	09:29	23:57:28.3	+00:41:57	300	90	3.0	#129 ChaMP Sou	2	
0146.COMP	10	10:02	23:57:28.3	+00:41:57	300	90	3.0	#129 ChaMP Sou	2	
0147.sn2008fi	1800	10:16	01:53:23.2	+29:21:28	300	90	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0148.COMP	10	10:48	01:53:23.2	+29:21:28	300	90	3.0	#2 SN Observat	2	
0149.GITau	240	10:53	04:33:34.0	+24:21:18	300	90	3.0	#12 Symbiotic	2	
0150.COMP	10	10:58	04:33:34.0	+24:21:18	300	90	3.0	#12 Symbiotic	2	
0151.GKTau	240	11:00	04:33:34.5	+24:21:07	300	90	3.0	#12 Symbiotic	2	
0152.COMP	10	11:05	04:33:34.5	+24:21:07	300	90	3.0	#12 Symbiotic	2	
0153.HD19445	10	11:08	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0154.HD19445	10	11:09	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0155.COMP	10	11:11	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0156.02011005+4004019	720	11:32	02:01:10.0	+40:04:02	300	90	3.0	#141 Mapping t	2	
0157.COMP	10	11:45	02:01:10.0	+40:04:02	300	90	3.0	#141 Mapping t	2	
0158.02012654+2844035	720	11:49	02:01:26.5	+28:44:03	300	90	3.0	#141 Mapping t	2	
0159.COMP	10	12:01	02:01:26.5	+28:44:03	300	90	3.0	#141 Mapping t	2	
0160.02015590+1827497	780	12:05	02:01:55.9	+18:27:50	300	90	3.0	#141 Mapping t	2	
0161.COMP	10	12:22	02:01:55.9	+18:27:50	300	90	3.0	#141 Mapping t	2	
0162-0171.BIAS	0	12:42	02:01:55.9	+18:27:50	300	90	3.0	#12 Symbiotic	2	
0172-0181.FLAT	50	12:53	02:01:55.9	+18:27:50	300	90	3.0	#12 Symbiotic	2	
0182-0186.DARK	900	13:59	02:01:55.9	+18:27:50	300	90	3.0	#12 Symbiotic	2	

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0005-0014.BIAS	0	00:47	02:01:55.9	+18:27:50	300	90	3.0	#12 Symbiotic	2	
0015-0024.FLAT	7	00:51	02:01:55.9	+18:27:50	300	90	3.0	#12 Symbiotic	2	
0025-0029.DARK	900	02:07	02:01:55.9	+18:27:50	300	90	3.0	#12 Symbiotic	2	
0030.sn2008fj	1800	02:44	17:12:49.9	+42:48:52	300	45	3.0	#2 SN Observat	2	
0031.COMP	10	03:17	17:12:49.9	+42:48:52	300	45	3.0	#2 SN Observat	2	
0032.sn2008fj	1800	03:18	17:12:49.9	+42:48:52	300	45	3.0	#2 SN Observat	2	
0033.CICyg	2	03:56	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0034.CICyg	20	03:57	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0035.CICyg	60	03:57	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0036.COMP	10	04:01	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0037.S3958.90+4128	120	04:07	20:39:58.9	+41:28:08	300	90	3.0	#183 Young Sta	2	
0038.COMP	10	04:10	20:39:58.9	+41:28:08	300	90	3.0	#183 Young Sta	2	
0039.S4004.55+4127	120	04:11	20:40:04.5	+41:27:35	300	90	3.0	#183 Young Sta	2	
0040.COMP	10	04:13	20:40:04.5	+41:27:35	300	90	3.0	#183 Young Sta	2	
0041.S4005.65+4135	120	04:15	20:40:05.6	+41:35:36	300	90	3.0	#183 Young Sta	2	
0042.COMP	10	04:17	20:40:05.6	+41:35:36	300	90	3.0	#183 Young Sta	2	
0043.S4011.51+4115	120	04:18	20:40:11.5	+41:15:41	300	90	3.0	#183 Young Sta	2	
0044.COMP	10	04:21	20:40:11.5	+41:15:41	300	90	3.0	#183 Young Sta	2	
0045.S4015.14+4123	300	04:22	20:40:15.1	+41:23:14	300	75	3.0	#183 Young Sta	2	
0046.COMP	10	04:28	20:40:15.1	+41:23:14	300	75	3.0	#183 Young Sta	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0047.S4016.98+4220	240	04:30	20:40:17.0	+42:20:07	300	75	3.0	#183 Young Sta	2	
0048.COMP	10	04:35	20:40:17.0	+42:20:07	300	75	3.0	#183 Young Sta	2	
0049.S4027.60+4217	120	04:36	20:40:27.6	+42:17:15	300	90	3.0	#183 Young Sta	2	
0050.COMP	10	04:39	20:40:27.6	+42:17:15	300	90	3.0	#183 Young Sta	2	
0051.S4027.69+4127	120	04:40	20:40:27.7	+41:27:01	300	90	3.0	#183 Young Sta	2	
0052.COMP	10	04:42	20:40:27.7	+41:27:01	300	90	3.0	#183 Young Sta	2	
0053.S4027.95+4209	120	04:44	20:40:28.0	+42:09:02	300	90	3.0	#183 Young Sta	2	
0054.COMP	10	04:46	20:40:28.0	+42:09:02	300	90	3.0	#183 Young Sta	2	
0055.S4029.79+4144	240	04:49	20:40:29.8	+41:44:31	300	90	3.0	#183 Young Sta	2	
0056.COMP	10	04:53	20:40:29.8	+41:44:31	300	90	3.0	#183 Young Sta	2	
0057.S4034.78+4254	120	04:55	20:40:34.8	+42:54:49	300	90	3.0	#183 Young Sta	2	
0058.COMP	10	04:57	20:40:34.8	+42:54:49	300	90	3.0	#183 Young Sta	2	
0059.S4034.86+4154	120	04:58	20:40:34.9	+41:54:25	300	90	3.0	#183 Young Sta	2	
0060.COMP	10	05:01	20:40:34.9	+41:54:25	300	90	3.0	#183 Young Sta	2	
0061.S4036.51+4129	240	05:03	20:40:36.5	+41:29:23	300	90	3.0	#183 Young Sta	2	
0062.COMP	10	05:07	20:40:36.5	+41:29:23	300	90	3.0	#183 Young Sta	2	
0063.S4038.20+4120	120	05:08	20:40:38.2	+41:20:53	300	90	3.0	#183 Young Sta	2	
0064.COMP	10	05:11	20:40:38.2	+41:20:53	300	90	3.0	#183 Young Sta	2	
0065.S4040.32+4144	120	05:12	20:40:40.3	+41:44:59	300	90	3.0	#183 Young Sta	2	
0066.COMP	10	05:14	20:40:40.3	+41:44:59	300	90	3.0	#183 Young Sta	2	

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0067.S4044.36+4202	180	05:15	20:40:44.4	+42:02:49	300	90	3.0	#183 Young Sta	2	
0068.COMP	10	05:19	20:40:44.4	+42:02:49	300	90	3.0	#183 Young Sta	2	
0069.S4044.64+4123	120	05:20	20:40:44.6	+41:23:34	300	90	3.0	#183 Young Sta	2	
0070.COMP	10	05:22	20:40:44.6	+41:23:34	300	90	3.0	#183 Young Sta	2	
0071.S4046.27+4236	120	05:24	20:40:46.3	+42:36:05	300	90	3.0	#183 Young Sta	2	
0072.COMP	10	05:26	20:40:46.3	+42:36:05	300	90	3.0	#183 Young Sta	2	
0073.S4046.46+4151	180	05:27	20:40:46.5	+41:51:48	300	90	3.0	#183 Young Sta	2	
0074.COMP	10	05:31	20:40:46.5	+41:51:48	300	90	3.0	#183 Young Sta	2	
0075.S4046.76+4213	180	05:32	20:40:46.8	+42:13:58	300	90	3.0	#183 Young Sta	2	
0076.COMP	10	05:36	20:40:46.8	+42:13:58	300	90	3.0	#183 Young Sta	2	
0077.S4048.40+4147	120	05:37	20:40:48.4	+41:47:35	300	90	3.0	#183 Young Sta	2	
0078.COMP	10	05:41	20:40:48.4	+41:47:35	300	90	3.0	#183 Young Sta	2	
0079.S4049.68+4135	180	05:42	20:40:49.7	+41:35:47	300	90	3.0	#183 Young Sta	2	
0080.COMP	10	05:46	20:40:49.7	+41:35:47	300	90	3.0	#183 Young Sta	2	
0081.S4055.60+4123	120	05:48	20:40:55.6	+41:23:12	300	90	3.0	#183 Young Sta	2	
0082.COMP	10	05:50	20:40:55.6	+41:23:12	300	90	3.0	#183 Young Sta	2	
0083.S4059.40+4237	120	05:51	20:40:59.4	+42:37:16	300	90	3.0	#183 Young Sta	2	
0084.COMP	10	05:54	20:40:59.4	+42:37:16	300	90	3.0	#183 Young Sta	2	
0085.S4104.22+4149	120	05:55	20:41:04.2	+41:49:35	300	90	3.0	#183 Young Sta	2	
0086.COMP	10	05:57	20:41:04.2	+41:49:35	300	90	3.0	#183 Young Sta	2	

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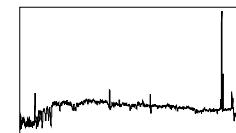
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0087.BDp284211	90	05:59	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0088.BDp284211	90	06:01	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0089.COMP	10	06:03	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0090.S4106.80+4231	180	06:06	20:41:06.8	+42:31:12	300	90	3.0	#183 Young Sta	2	
0091.COMP	10	06:09	20:41:06.8	+42:31:12	300	90	3.0	#183 Young Sta	2	
0092.S4115.40+4214	180	06:11	20:41:15.4	+42:14:02	300	90	3.0	#183 Young Sta	2	
0093.COMP	10	06:14	20:41:15.4	+42:14:02	300	90	3.0	#183 Young Sta	2	
0094.S4127.05+4250	120	06:17	20:41:27.0	+42:50:21	300	90	3.0	#183 Young Sta	2	
0095.COMP	10	06:19	20:41:27.0	+42:50:21	300	90	3.0	#183 Young Sta	2	
0096.S4127.59+4124	180	06:22	20:41:27.6	+41:24:57	300	90	3.0	#183 Young Sta	2	
0097.COMP	10	06:26	20:41:27.6	+41:24:57	300	90	3.0	#183 Young Sta	2	
0098.S4127.71+4134	180	06:27	20:41:27.7	+41:34:14	300	90	3.0	#183 Young Sta	2	
0099.COMP	10	06:31	20:41:27.7	+41:34:14	300	90	3.0	#183 Young Sta	2	
0100.S4128.21+4121	180	06:35	20:41:28.2	+41:21:33	300	90	3.0	#183 Young Sta	2	
0101.COMP	10	06:38	20:41:28.2	+41:21:33	300	90	3.0	#183 Young Sta	2	
0102.S4128.75+4205	180	06:39	20:41:28.8	+42:05:24	300	90	3.0	#183 Young Sta	2	
0103.COMP	10	06:43	20:41:28.8	+42:05:24	300	90	3.0	#183 Young Sta	2	
0104.S4131.25+4252	180	06:45	20:41:31.2	+42:52:04	300	90	3.0	#183 Young Sta	2	
0105.COMP	10	06:48	20:41:31.2	+42:52:04	300	90	3.0	#183 Young Sta	2	
0106.S4131.35+4136	180	06:50	20:41:31.4	+41:36:35	300	90	3.0	#183 Young Sta	2	

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0107.COMP	10	06:54	20:41:31.4	+41:36:35	300	90	3.0	#183 Young Sta	2	
0108.S4138.09+4250	120	06:55	20:41:38.1	+42:50:10	300	90	3.0	#183 Young Sta	2	
0109.COMP	10	06:58	20:41:38.1	+42:50:10	300	90	3.0	#183 Young Sta	2	
0110.BDp174708	45	07:02	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0111.BDp174708	45	07:03	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0112.COMP	10	07:04	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0113.N7331	180	07:06	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0114.N7331	180	07:09	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0115.COMP	10	07:13	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0116.ZAnd	1	07:21	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0117.ZAnd	5	07:21	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0118.ZAnd	30	07:21	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0119.COMP	10	07:35	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0120.IFC020	1200	07:41	22:44:15.9	+60:03:55	300	90	3.0	#186 IPHAS AGB	2	
0121.COMP	10	08:01	22:44:15.9	+60:03:55	300	90	3.0	#186 IPHAS AGB	2	
0122.IFC021	1500	08:20	22:43:57.2	+61:48:50	300	90	3.0	#186 IPHAS AGB	2	
0123.COMP	10	08:46	22:43:57.2	+61:48:50	300	90	3.0	#186 IPHAS AGB	2	
0124.IFS012	900	08:51	22:45:26.3	+61:49:08	300	90	3.0	#186 IPHAS AGB	2	
0125.COMP	10	09:07	22:45:26.3	+61:49:08	300	90	3.0	#186 IPHAS AGB	2	
0126.IFS013	900	09:15	22:44:00.2	+64:28:32	300	90	3.0	#186 IPHAS AGB	2	

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0127.COMP	10	09:31	22:44:00.2	+64:28:32	300	90	3.0	#186 IPHAS AGB	2	
0128.IFC023	900	09:36	22:45:02.8	+60:37:01	300	90	3.0	#186 IPHAS AGB	2	
0129.COMP	10	09:52	22:45:02.8	+60:37:01	300	90	3.0	#186 IPHAS AGB	2	
0130.IFS008	1200	09:56	23:31:50.7	+64:16:24	300	90	3.0	#186 IPHAS AGB	2	
0131.COMP	10	10:20	23:31:50.7	+64:16:24	300	90	3.0	#186 IPHAS AGB	2	
0132.sn2008fk	1800	10:36	02:34:05.1	+01:23:43	300	90	3.0	#2 SN Observat	2	
0133.COMP	10	11:07	02:34:05.1	+01:23:43	300	90	3.0	#2 SN Observat	2	
0134.HD19445	10	11:17	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0135.HD19445	10	11:18	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0136.COMP	10	11:19	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0137.IFC013	600	11:27	02:56:42.6	+57:48:38	300	45	3.0	#186 IPHAS AGB	2	
0138.COMP	10	11:38	02:56:42.6	+57:48:38	300	45	3.0	#186 IPHAS AGB	2	
0139.IFC015	600	11:46	02:58:22.0	+61:10:30	300	90	3.0	#186 IPHAS AGB	2	
0140.COMP	10	12:04	02:58:22.0	+61:10:30	300	90	3.0	#186 IPHAS AGB	2	
0141.IFC016	600	12:07	03:01:15.4	+61:06:01	300	90	3.0	#186 IPHAS AGB	2	
0142.COMP	10	12:19	03:01:15.4	+61:06:01	300	90	3.0	#186 IPHAS AGB	2	
0143-0152.BIAS	0	12:37	03:01:15.4	+61:06:01	300	90	3.0	#12 Symbiotic	2	
0153-0162.FLAT	7	12:40	03:01:15.4	+61:06:01	300	90	3.0	#12 Symbiotic	2	
0163-0167.DARK	900	13:48	03:01:15.4	+61:06:01	300	90	3.0	#12 Symbiotic	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.BIAS	0	01:01	16:48:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0011-0025.FLAT	7	01:07	16:48:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0026.test	10	01:12	16:48:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0027.sky	3	01:50	17:30:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	Hi Nathalie
0028-0031.sky	3	01:52	17:30:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0032.COMP	10	01:52	17:30:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0033.AGDra	5	02:30	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0034.AGDra	30	02:31	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0035.AGDra	45	02:34	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0036.COMP	10	02:36	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0037.BFCyg	2	02:38	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0038.BFCyg	15	02:39	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0039.BFCyg	30	02:40	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0040.COMP	10	02:41	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0041.CHCyg	1	02:42	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0042.CHCyg	3	02:43	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0043.COMP	10	02:44	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0044.CICyg	3	02:45	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0045.CICyg	6	02:46	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0046.CICyg	12	02:46	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0047.COMP	10	02:47	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0048.MRK501	180	02:49	16:53:52.1	+39:45:36	300	90	3.0	#6 AGN Monitor	2	
0049.MRK501	180	02:52	16:53:52.1	+39:45:36	300	90	3.0	#6 AGN Monitor	2	
0050.COMP	10	02:56	16:53:52.1	+39:45:36	300	90	3.0	#6 AGN Monitor	2	
0051.S4141.67+4158	90	03:02	20:41:41.7	+41:58:02	300	90	3.0	#183 Young Sta	2	
0052.S4141.92+4127	90	03:04	20:41:41.9	+41:27:22	300	90	3.0	#183 Young Sta	2	
0053.S4141.92+4202	90	03:06	20:41:41.9	+42:02:14	300	90	3.0	#183 Young Sta	2	
0054.S4143.13+4154	90	03:09	20:41:43.1	+41:54:03	300	90	3.0	#183 Young Sta	2	
0055.S4144.38+4136	90	03:12	20:41:44.4	+41:36:13	300	90	3.0	#183 Young Sta	2	
0056.COMP	10	03:13	20:41:44.4	+41:36:13	300	90	3.0	#183 Young Sta	2	comp for previous 5 exp as these are short and close
0057.S4145.93+4256	90	03:14	20:41:45.9	+42:56:09	300	90	3.0	#183 Young Sta	2	
0058.S4146.21+4237	90	03:17	20:41:46.2	+42:37:04	300	90	3.0	#183 Young Sta	2	
0059.S4147.43+4256	90	03:19	20:41:47.4	+42:56:24	300	90	3.0	#183 Young Sta	2	
0060.S4152.55+4243	90	03:21	20:41:52.5	+42:43:40	300	90	3.0	#183 Young Sta	2	
0061.S4153.62+4125	90	03:23	20:41:53.6	+41:25:41	300	90	3.0	#183 Young Sta	2	
0062.COMP	10	03:25	20:41:53.6	+41:25:41	300	90	3.0	#183 Young Sta	2	
0063.S4154.48+4141	90	03:26	20:41:54.5	+41:41:08	300	90	3.0	#183 Young Sta	2	
0064.S4158.12+4219	90	03:28	20:41:58.1	+42:19:30	300	90	3.0	#183 Young Sta	2	
0065.S4158.70+4201	90	03:30	20:41:58.7	+42:01:20	300	90	3.0	#183 Young Sta	2	
0066.S4159.47+4240	90	03:32	20:41:59.5	+42:40:59	300	90	3.0	#183 Young Sta	2	

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0067.S4202.62+4131	90	03:34	20:42:02.6	+41:31:43	300	90	3.0	#183 Young Sta	2	
0068.COMP	10	03:36	20:42:02.6	+41:31:43	300	90	3.0	#183 Young Sta	2	
0069.S4208.12+4131	90	03:37	20:42:08.1	+41:31:46	300	90	3.0	#183 Young Sta	2	
0070.S4210.99+4239	90	03:40	20:42:11.0	+42:39:07	300	90	3.0	#183 Young Sta	2	
0071.S4211.70+4209	90	03:42	20:42:11.7	+42:09:33	300	90	3.0	#183 Young Sta	2	
0072.S4212.71+4212	90	03:44	20:42:12.7	+42:12:54	300	90	3.0	#183 Young Sta	2	
0073.S4213.56+4223	90	03:46	20:42:13.6	+42:23:31	300	90	3.0	#183 Young Sta	2	
0074.COMP	10	03:48	20:42:13.6	+42:23:31	300	90	3.0	#183 Young Sta	2	
0075.S4216.41+4231	90	03:49	20:42:16.4	+42:31:42	300	90	3.0	#183 Young Sta	2	
0076.S4216.79+4227	90	03:51	20:42:16.8	+42:27:57	300	90	3.0	#183 Young Sta	2	
0077.S4218.27+4237	90	03:53	20:42:18.3	+42:37:37	300	90	3.0	#183 Young Sta	2	
0078.S4220.16+4212south	120	03:56	20:42:20.2	+42:12:36	300	90	3.0	#183 Young Sta	2	
0079.S4220.16+4212north	120	03:58	20:42:20.2	+42:12:36	300	90	3.0	#183 Young Sta	2	
0080.COMP	10	04:00	20:42:20.2	+42:12:36	300	90	3.0	#183 Young Sta	2	
0081.1ES1959p650	360	04:02	19:59:59.8	+65:08:55	300	90	3.0	#6 AGN Monitor	2	
0082.1ES1959p650	360	04:09	19:59:59.8	+65:08:55	300	90	3.0	#6 AGN Monitor	2	
0083.COMP	10	04:15	19:59:59.8	+65:08:55	300	90	3.0	#6 AGN Monitor	2	
0084.MRK509	180	04:25	20:44:09.8	-10:43:24	300	-15	3.0	#6 AGN Monitor	2	
0085.MRK509	180	04:28	20:44:09.8	-10:43:24	300	-15	3.0	#6 AGN Monitor	2	
0086.COMP	10	04:31	20:44:09.8	-10:43:24	300	-15	3.0	#6 AGN Monitor	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0087.J214254p153642	1800	04:33	21:42:54.3	+15:36:43	300	-15	3.0	#2 SN Observat	2	
0088.COMP	10	05:09	21:42:54.3	+15:36:43	300	-15	3.0	#2 SN Observat	2	
0089.BLLac	240	05:12	22:02:43.3	+42:16:40	300	0	3.0	#6 AGN Monitor	2	
0090.BLLac	240	05:16	22:02:43.3	+42:16:40	300	0	3.0	#6 AGN Monitor	2	
0091.COMP	10	05:21	22:02:43.3	+42:16:40	300	0	3.0	#6 AGN Monitor	2	
0092.BDp284211	90	05:22	21:51:11.0	+28:51:50	300	20	3.0	#56 Spectropho	2	
0093.BDp284211	90	05:24	21:51:11.0	+28:51:50	300	20	3.0	#56 Spectropho	2	
0094.COMP	10	05:26	21:51:11.0	+28:51:50	300	20	3.0	#56 Spectropho	2	
0095.BDp174708	45	05:27	22:11:31.4	+18:05:34	300	20	3.0	#56 Spectropho	2	
0096.BDp174708	45	05:28	22:11:31.4	+18:05:34	300	20	3.0	#56 Spectropho	2	
0097.BDp174708	45	05:29	22:11:31.4	+18:05:34	300	20	3.0	#56 Spectropho	2	
0098.COMP	10	05:30	22:11:31.4	+18:05:34	300	20	3.0	#56 Spectropho	2	
0099.test	10	05:35	21:00:00.0	+25:00:00	600	0	1.5	#182 Runaway B	2	
0100.test	10	05:38	21:00:00.0	+25:00:00	600	0	1.5	#182 Runaway B	4	
0101.test	10	05:40	21:00:00.0	+25:00:00	600	0	1.5	#182 Runaway B	4	
0102.hd188618	10	05:42	19:56:40.5	-17:55:17	600	0	1.5	#182 Runaway B	4	600l grating, 1.5-sec slit, tilt 440, Warren
0103.hd188618	10	05:43	19:56:40.5	-17:55:17	600	0	1.5	#182 Runaway B	4	
0104.hd188618	30	05:44	19:56:40.5	-17:55:17	600	0	1.5	#182 Runaway B	4	
0105.COMP	10	05:45	19:56:40.5	-17:55:17	600	0	1.5	#182 Runaway B	4	
0106.hd206144	30	05:46	21:40:33.4	-17:36:01	600	0	1.5	#182 Runaway B	4	

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0107.COMP	10	05:47	21:40:33.4	-17:36:01	600	0	1.5	#182 Runaway B	4	
0108.ph1346	90	05:49	22:37:38.3	-18:39:51	600	0	1.5	#182 Runaway B	4	
0109.COMP	10	05:50	22:37:38.3	-18:39:51	600	0	1.5	#182 Runaway B	4	
0110.ph1159	60	05:51	21:48:44.3	+01:57:34	600	0	1.5	#182 Runaway B	4	
0111.COMP	10	05:53	21:48:44.3	+01:57:34	600	0	1.5	#182 Runaway B	4	
0112.pg2219p093	30	05:54	22:21:59.3	+09:37:26	600	0	1.5	#182 Runaway B	4	
0113.COMP	10	05:55	22:21:59.3	+09:37:26	600	0	1.5	#182 Runaway B	4	
0114.pg2229p099	150	05:56	22:32:08.5	+10:14:25	600	0	1.5	#182 Runaway B	4	
0115.COMP	10	05:59	22:32:08.5	+10:14:25	600	0	1.5	#182 Runaway B	4	
0116.bcand965	900	06:00	22:39:06.1	+12:30:35	600	0	1.5	#182 Runaway B	4	
0117.COMP	10	06:15	22:39:06.1	+12:30:35	600	0	1.5	#182 Runaway B	4	
0118.hd188618	30	06:17	19:56:40.5	-17:55:17	600	0	1.5	#182 Runaway B	4	
0119.COMP	10	06:18	19:56:40.5	-17:55:17	600	0	1.5	#182 Runaway B	4	
0120.hd206144	30	06:19	21:40:33.4	-17:36:01	600	0	1.5	#182 Runaway B	4	
0121.COMP	10	06:19	21:40:33.4	-17:36:01	600	0	1.5	#182 Runaway B	4	
0122.ph1346	90	06:20	22:37:38.3	-18:39:51	600	0	1.5	#182 Runaway B	4	
0123.COMP	10	06:22	22:37:38.3	-18:39:51	600	0	1.5	#182 Runaway B	4	
0124.ph1159	60	06:23	21:48:44.3	+01:57:34	600	0	1.5	#182 Runaway B	4	
0125.COMP	10	06:25	21:48:44.3	+01:57:34	600	0	1.5	#182 Runaway B	4	
0126.pg2219p093	30	06:26	22:21:59.3	+09:37:26	600	0	1.5	#182 Runaway B	4	

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0127.COMP	10	06:26	22:21:59.3	+09:37:26	600	0	1.5	#182 Runaway B	4	
0128.pg2229p099	150	06:27	22:32:08.5	+10:14:25	600	0	1.5	#182 Runaway B	4	
0129.COMP	10	06:30	22:32:08.5	+10:14:25	600	0	1.5	#182 Runaway B	4	
0130.bcand965	900	06:31	22:39:06.1	+12:30:35	600	0	1.5	#182 Runaway B	4	
0131.COMP	10	06:47	22:39:06.1	+12:30:35	600	0	1.5	#182 Runaway B	4	
0132.hd188618	30	06:48	19:56:40.5	-17:55:17	600	0	1.5	#182 Runaway B	4	
0133.COMP	10	06:49	19:56:40.5	-17:55:17	600	0	1.5	#182 Runaway B	4	
0134.hd206144	30	06:50	21:40:33.4	-17:36:01	600	0	1.5	#182 Runaway B	4	
0135.COMP	10	06:51	21:40:33.4	-17:36:01	600	0	1.5	#182 Runaway B	4	
0136.ph1346	90	06:52	22:37:38.3	-18:39:51	600	0	1.5	#182 Runaway B	4	
0137.COMP	10	06:54	22:37:38.3	-18:39:51	600	0	1.5	#182 Runaway B	4	
0138.ph1159	60	06:55	21:48:44.3	+01:57:34	600	0	1.5	#182 Runaway B	4	
0139.COMP	10	06:56	21:48:44.3	+01:57:34	600	0	1.5	#182 Runaway B	4	
0140.pg2219p093	30	06:57	22:21:59.3	+09:37:26	600	0	1.5	#182 Runaway B	4	
0141.COMP	10	06:58	22:21:59.3	+09:37:26	600	0	1.5	#182 Runaway B	4	
0142.pg2229p099	150	06:59	22:32:08.5	+10:14:25	600	0	1.5	#182 Runaway B	4	
0143.COMP	10	07:03	22:32:08.5	+10:14:25	600	0	1.5	#182 Runaway B	4	
0144.bcand965	900	07:04	22:39:06.1	+12:30:35	600	0	1.5	#182 Runaway B	4	
0145.COMP	10	07:20	22:39:06.1	+12:30:35	600	0	1.5	#182 Runaway B	4	
0146.hd188618	30	07:21	19:56:40.5	-17:55:17	600	0	1.5	#182 Runaway B	4	

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0147.COMP	10	07:22	19:56:40.5	-17:55:17	600	0	1.5	#182 Runaway B	4	
0148.hd206144	30	07:23	21:40:33.4	-17:36:01	600	0	1.5	#182 Runaway B	4	
0149.COMP	10	07:24	21:40:33.4	-17:36:01	600	0	1.5	#182 Runaway B	4	
0150.ph1346	90	07:25	22:37:38.3	-18:39:51	600	0	1.5	#182 Runaway B	4	
0151.COMP	10	07:27	22:37:38.3	-18:39:51	600	0	1.5	#182 Runaway B	4	
0152.ph1159	60	07:29	21:48:44.3	+01:57:34	600	0	1.5	#182 Runaway B	4	
0153.COMP	10	07:31	21:48:44.3	+01:57:34	600	0	1.5	#182 Runaway B	4	
0154.pg2219p093	30	07:32	22:21:59.3	+09:37:26	600	0	1.5	#182 Runaway B	4	
0155.COMP	10	07:33	22:21:59.3	+09:37:26	600	0	1.5	#182 Runaway B	4	
0156.pg2229p099	150	07:34	22:32:08.5	+10:14:25	600	0	1.5	#182 Runaway B	4	
0157.COMP	10	07:36	22:32:08.5	+10:14:25	600	0	1.5	#182 Runaway B	4	
0158.bcand965	900	07:37	22:39:06.1	+12:30:35	600	0	1.5	#182 Runaway B	4	
0159.COMP	10	07:53	22:39:06.1	+12:30:35	600	0	1.5	#182 Runaway B	4	
0160.hd206144	30	07:54	21:40:33.4	-17:36:01	600	0	1.5	#182 Runaway B	4	
0161.COMP	10	07:55	21:40:33.4	-17:36:01	600	0	1.5	#182 Runaway B	4	
0162.ph1346	90	07:56	22:37:38.3	-18:39:51	600	0	1.5	#182 Runaway B	4	
0163.COMP	10	07:58	22:37:38.3	-18:39:51	600	0	1.5	#182 Runaway B	4	
0164.ph1159	60	07:59	21:48:44.3	+01:57:34	600	0	1.5	#182 Runaway B	4	
0165.COMP	10	08:00	21:48:44.3	+01:57:34	600	0	1.5	#182 Runaway B	4	
0166.pg2219p093	30	08:01	22:21:59.3	+09:37:26	600	0	1.5	#182 Runaway B	4	

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0167.COMP	10	08:02	22:21:59.3	+09:37:26	600	0	1.5	#182 Runaway B	4	
0168.pg2229p099	150	08:03	22:32:08.5	+10:14:25	600	0	1.5	#182 Runaway B	4	
0169.COMP	10	08:06	22:32:08.5	+10:14:25	600	0	1.5	#182 Runaway B	4	
0170.bcand965	900	08:07	22:39:06.1	+12:30:35	600	0	1.5	#182 Runaway B	4	
0171.COMP	10	08:22	22:39:06.1	+12:30:35	600	0	1.5	#182 Runaway B	4	
0172.hd206144	30	08:24	21:40:33.4	-17:36:01	600	0	1.5	#182 Runaway B	4	
0173.COMP	10	08:25	21:40:33.4	-17:36:01	600	0	1.5	#182 Runaway B	4	
0174.ph1346	90	08:26	22:37:38.3	-18:39:51	600	0	1.5	#182 Runaway B	4	
0175.COMP	10	08:27	22:37:38.3	-18:39:51	600	0	1.5	#182 Runaway B	4	
0176.ph1159	60	08:29	21:48:44.3	+01:57:34	600	0	1.5	#182 Runaway B	4	
0177.COMP	10	08:30	21:48:44.3	+01:57:34	600	0	1.5	#182 Runaway B	4	
0178.pg2219p093	30	08:31	22:21:59.3	+09:37:26	600	0	1.5	#182 Runaway B	4	
0179.COMP	10	08:33	22:21:59.3	+09:37:26	600	0	1.5	#182 Runaway B	4	
0180.pg2229p099	150	08:35	22:32:08.5	+10:14:25	600	0	1.5	#182 Runaway B	4	
0181.COMP	10	08:38	22:32:08.5	+10:14:25	600	0	1.5	#182 Runaway B	4	
0182.bcand965	900	08:39	22:39:06.1	+12:30:35	600	0	1.5	#182 Runaway B	4	
0183.COMP	10	08:55	22:39:06.1	+12:30:35	600	0	1.5	#182 Runaway B	4	
0184.hd206144	30	08:56	21:40:33.4	-17:36:01	600	0	1.5	#182 Runaway B	4	
0185.COMP	10	08:57	21:40:33.4	-17:36:01	600	0	1.5	#182 Runaway B	4	
0186.ph1346	90	08:58	22:37:38.3	-18:39:51	600	0	1.5	#182 Runaway B	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0187.COMP	10	09:00	22:37:38.3	-18:39:51	600	0	1.5	#182 Runaway B	4	
0188.ph1159	60	09:01	21:48:44.3	+01:57:34	600	0	1.5	#182 Runaway B	4	
0189.COMP	10	09:03	21:48:44.3	+01:57:34	600	0	1.5	#182 Runaway B	4	
0190.pg2219p093	30	09:04	22:21:59.3	+09:37:26	600	0	1.5	#182 Runaway B	4	
0191.COMP	10	09:04	22:21:59.3	+09:37:26	600	0	1.5	#182 Runaway B	4	
0192.pg2229p099	150	09:05	22:32:08.5	+10:14:25	600	0	1.5	#182 Runaway B	4	
0193.COMP	10	09:08	22:32:08.5	+10:14:25	600	0	1.5	#182 Runaway B	4	
0194.bcand965	900	09:09	22:39:06.1	+12:30:35	600	0	1.5	#182 Runaway B	4	
0195.COMP	10	09:25	22:39:06.1	+12:30:35	600	0	1.5	#182 Runaway B	4	
0196.test	10	09:26	01:25:00.0	+30:00:00	600	0	1.5	#182 Runaway B	4	
0197-0206.FLAT	15	09:34	01:25:00.0	+30:00:00	600	0	1.5	#182 Runaway B	4	
0214.1ES2344p514	180	09:48	23:47:04.6	+51:42:18	300	90	3.0	#6 AGN Monitor	2	
0215.1ES2344p514	300	09:51	23:47:04.6	+51:42:18	300	90	3.0	#6 AGN Monitor	2	
0216.COMP	10	09:57	23:47:04.6	+51:42:18	300	90	3.0	#6 AGN Monitor	2	
0217.3C66A	240	10:02	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0218.3C66A	240	10:06	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0219.COMP	10	10:11	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0220.00383244+0219222	300	10:13	00:38:32.4	+02:19:22	300	90	3.0	#141 Mapping t	2	
0221.COMP	10	10:18	00:38:32.4	+02:19:22	300	90	3.0	#141 Mapping t	2	
0222.00401064+0132545	270	10:19	00:40:10.6	+01:32:54	300	90	3.0	#141 Mapping t	2	

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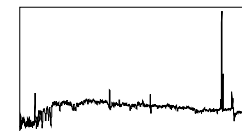
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0223.COMP	10	10:24	00:40:10.6	+01:32:54	300	90	3.0	#141 Mapping t	2	
0224.00395629+0524204	270	10:25	00:39:56.3	+05:24:20	300	90	3.0	#141 Mapping t	2	
0225.COMP	10	10:30	00:39:56.3	+05:24:20	300	90	3.0	#141 Mapping t	2	
0226.00384581+0628038	270	10:30	00:38:45.8	+06:28:04	300	90	3.0	#141 Mapping t	2	
0227.COMP	10	10:35	00:38:45.8	+06:28:04	300	90	3.0	#141 Mapping t	2	
0228.00402164+0700548	270	10:36	00:40:21.6	+07:00:55	300	90	3.0	#141 Mapping t	2	
0229.COMP	10	10:41	00:40:21.6	+07:00:55	300	90	3.0	#141 Mapping t	2	
0230.00402906+0623384	300	10:42	00:40:29.1	+06:23:38	300	90	3.0	#141 Mapping t	2	
0231.COMP	10	10:47	00:40:29.1	+06:23:38	300	90	3.0	#141 Mapping t	2	
0232.00412265+0819029	270	10:48	00:41:22.7	+08:19:03	300	90	3.0	#141 Mapping t	2	
0233.COMP	10	10:53	00:41:22.7	+08:19:03	300	90	3.0	#141 Mapping t	2	
0234.00452175+0841472	600	10:54	00:45:21.7	+08:41:47	300	90	3.0	#141 Mapping t	2	
0235.COMP	10	11:05	00:45:21.7	+08:41:47	300	90	3.0	#141 Mapping t	2	
0236.00381751+4742305	300	11:07	00:38:17.5	+47:42:30	300	90	3.0	#141 Mapping t	2	
0237.COMP	10	11:13	00:38:17.5	+47:42:30	300	90	3.0	#141 Mapping t	2	
0238.00410109+4628287	240	11:13	00:41:01.1	+46:28:29	300	90	3.0	#141 Mapping t	2	
0239.COMP	10	11:18	00:41:01.1	+46:28:29	300	90	3.0	#141 Mapping t	2	
0240.00454225+4502566	300	11:19	00:45:42.2	+45:02:57	300	90	3.0	#141 Mapping t	2	
0241.COMP	10	11:24	00:45:42.2	+45:02:57	300	90	3.0	#141 Mapping t	2	
0242.225m280	240	11:26	00:44:29.8	+41:21:25	300	90	3.0	#57 Velocity S	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0243.COMP	10	11:30	00:44:29.8	+41:21:25	300	90	3.0	#56 Spectropho	2	
0244-0253.FLAT	7	11:34	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0254.HD19445	10	11:36	03:08:25.6	+26:19:51	300	90	5.0	#56 Spectropho	2	5-sec slit observations
0255.HD19445	10	11:36	03:08:25.6	+26:19:51	300	90	5.0	#56 Spectropho	2	
0256.HD19445	10	11:37	03:08:25.6	+26:19:51	300	90	5.0	#56 Spectropho	2	
0257.HD19445	10	11:37	03:08:25.6	+26:19:51	300	90	5.0	#56 Spectropho	2	
0258.HD19445	10	11:38	03:08:25.6	+26:19:51	300	90	5.0	#56 Spectropho	2	
0259.HD19445	10	11:38	03:08:25.6	+26:19:51	300	90	5.0	#56 Spectropho	2	
0260.HD19445	10	11:39	03:08:25.6	+26:19:51	300	90	5.0	#56 Spectropho	2	
0261.HD19445	10	11:39	03:08:25.6	+26:19:51	300	90	5.0	#56 Spectropho	2	
0262.HD19445	10	11:40	03:08:25.6	+26:19:51	300	90	5.0	#56 Spectropho	2	
0263.HD19445	10	11:40	03:08:25.6	+26:19:51	300	90	5.0	#56 Spectropho	2	
0264.COMP	5	11:41	03:08:25.6	+26:19:51	300	90	5.0	#56 Spectropho	2	
0265-0274.FLAT	4	11:44	03:08:25.6	+26:19:51	300	90	5.0	#56 Spectropho	2	
0275.00492269+3341327	300	11:48	00:49:22.7	+33:41:33	300	90	3.0	#141 Mapping t	2	
0276.COMP	10	11:53	00:49:22.7	+33:41:33	300	90	3.0	#141 Mapping t	2	
0277.01014340+4404007	270	11:54	01:01:43.4	+44:04:01	300	90	3.0	#141 Mapping t	2	
0278.COMP	10	11:59	01:01:43.4	+44:04:01	300	90	3.0	#141 Mapping t	2	
0279.01015529+4254017	300	12:00	01:01:55.3	+42:54:02	300	90	3.0	#141 Mapping t	2	
0280.COMP	10	12:06	01:01:55.3	+42:54:02	300	90	3.0	#141 Mapping t	2	

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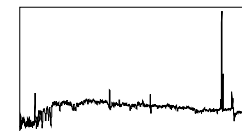
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0281-0290.BIAS	0	12:11	05:01:58.1	+43:49:24	300	90	3.0	#56 Spectropho	2	
0291-0305.FLAT	7	12:16	05:01:58.1	+43:49:24	300	90	3.0	#56 Spectropho	2	
0306.test	10	12:26	05:01:58.1	+43:49:24	300	90	3.0	#56 Spectropho	2	
0307-0327.DARK	900	17:34	05:01:58.1	+43:49:24	300	90	3.0	#56 Spectropho	2	
0328.COMP	5	18:31	09:58:50.3	+31:33:01	300	90	3.0	#56 Spectropho	2	
0329.FLAT	8	18:33	09:58:50.3	+31:33:01	300	90	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	20:34	10:31:57.7	+31:33:12	300	90	3.0	#0 Calibration	2	
0006-0015.BIAS	0	20:57	10:31:57.7	+31:33:12	300	90	3.0	#0 Calibration	2	
0016-0030.FLAT	7	21:02	10:31:57.7	+31:33:12	300	90	3.0	#0 Calibration	2	
0031-0040.DARK	900	23:42	10:31:57.7	+31:33:12	300	90	3.0	#0 Calibration	2	
0041.BIAS	0	01:56	16:58:51.5	+31:31:12	300	90	3.0	#0 Calibration	2	
0042.COMP	5	02:25	16:58:51.5	+31:31:12	300	90	3.0	#0 Calibration	2	
0043.CICyg	3	02:44	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0044.CICyg	3	02:45	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0045.CICyg	12	02:46	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0046.COMP	5	02:47	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0047.S4220.28+4212	120	02:53	20:42:20.3	+42:12:34	300	90	3.0	#183 Young Sta	2	
0048.COMP	5	02:55	20:42:20.3	+42:12:34	300	90	3.0	#183 Young Sta	2	
0049.S4220.30+4133	120	02:58	20:42:20.3	+41:33:51	300	90	3.0	#183 Young Sta	2	
0050.COMP	5	03:00	20:42:20.3	+41:33:51	300	90	3.0	#183 Young Sta	2	
0051.S4222.64+4147	120	03:04	20:42:22.6	+41:47:31	300	90	3.0	#183 Young Sta	2	
0052.COMP	5	03:08	20:42:22.6	+41:47:31	300	90	3.0	#183 Young Sta	2	
0053.S4222.84+4216	120	03:13	20:42:22.8	+42:16:29	300	90	3.0	#183 Young Sta	2	
0054.COMP	5	03:17	20:42:22.8	+42:16:29	300	90	3.0	#183 Young Sta	2	
0055.S4225.08+4236	120	03:23	20:42:25.1	+42:36:02	300	90	3.0	#183 Young Sta	2	
0056.COMP	5	03:26	20:42:25.1	+42:36:02	300	90	3.0	#183 Young Sta	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0057.S4225.63+4212	120	03:29	20:42:25.6	+42:12:41	300	90	3.0	#183 Young Sta	2	
0058.COMP	5	03:32	20:42:25.6	+42:12:41	300	90	3.0	#183 Young Sta	2	
0059.S4227.74+4254	120	03:34	20:42:27.7	+42:54:21	300	90	3.0	#183 Young Sta	2	
0060.COMP	5	03:36	20:42:27.7	+42:54:21	300	90	3.0	#183 Young Sta	2	
0061.S4230.67+4244	120	03:39	20:42:30.7	+42:44:31	300	90	3.0	#183 Young Sta	2	
0062.COMP	5	03:42	20:42:30.7	+42:44:31	300	90	3.0	#183 Young Sta	2	
0063.S4231.08+4235	120	03:47	20:42:31.1	+42:35:23	300	90	3.0	#183 Young Sta	2	
0064.COMP	5	03:49	20:42:31.1	+42:35:23	300	90	3.0	#183 Young Sta	2	
0065.S4236.25+4257	120	03:52	20:42:36.2	+42:57:21	300	90	3.0	#183 Young Sta	2	
0066.COMP	5	03:55	20:42:36.2	+42:57:21	300	90	3.0	#183 Young Sta	2	
0067.S4236.50+4209	180	04:27	20:42:36.5	+42:09:03	300	90	3.0	#183 Young Sta	2	
0068.COMP	5	04:31	20:42:36.5	+42:09:03	300	90	3.0	#183 Young Sta	2	
0069.S4236.50+4209	120	04:34	20:42:36.5	+42:09:03	300	90	3.0	#183 Young Sta	2	
0070.COMP	5	04:37	20:42:36.5	+42:09:03	300	90	3.0	#183 Young Sta	2	
0071.S4236.51+4209	120	04:40	20:42:36.5	+42:09:03	300	90	3.0	#183 Young Sta	2	
0072.COMP	5	04:43	20:42:36.5	+42:09:03	300	90	3.0	#183 Young Sta	2	
0073.S4237.13+4140	120	04:45	20:42:37.1	+41:40:43	300	90	3.0	#183 Young Sta	2	
0074.COMP	5	04:47	20:42:37.1	+41:40:43	300	90	3.0	#183 Young Sta	2	
0075.S4239.87+4236	120	05:09	20:42:39.9	+42:36:43	300	90	3.0	#183 Young Sta	2	
0076.COMP	5	05:11	20:42:39.9	+42:36:43	300	90	3.0	#183 Young Sta	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0077.S4239.91+4235	120	05:13	20:42:39.9	+42:35:49	300	90	3.0	#183 Young Sta	2	
0078.COMP	5	05:18	20:42:39.9	+42:35:49	300	90	3.0	#183 Young Sta	2	
0079.BDp174708	45	09:15	22:11:31.4	+18:05:34	300	62	3.0	#56 Spectropho	2	
0080.BDp174708	45	09:16	22:11:31.4	+18:05:34	300	62	3.0	#56 Spectropho	2	
0081.BDp174708	45	09:17	22:11:31.4	+18:05:34	300	62	3.0	#56 Spectropho	2	
0082.COMP	5	09:18	22:11:31.4	+18:05:34	300	62	3.0	#56 Spectropho	2	
0083.BDp284211	90	09:31	21:51:11.0	+28:51:50	300	74	3.0	#56 Spectropho	2	
0084.BDp284211	90	09:33	21:51:11.0	+28:51:50	300	74	3.0	#56 Spectropho	2	
0085.BDp284211	120	09:39	21:51:11.0	+28:51:50	300	74	3.0	#56 Spectropho	2	
0086.COMP	5	09:42	21:51:11.0	+28:51:50	300	74	3.0	#56 Spectropho	2	
0087.225m280	300	09:47	00:44:29.8	+41:21:25	300	90	3.0	#57 Velocity S	2	
0088.COMP	5	10:10	00:44:29.8	+41:21:25	300	90	3.0	#57 Velocity S	2	
0089.225m280	360	10:13	00:44:29.8	+41:21:25	300	90	3.0	#57 Velocity S	2	
0090.COMP	5	10:22	00:44:29.8	+41:21:25	300	90	3.0	#57 Velocity S	2	
0091.01115336+2743193	1200	10:42	01:11:53.4	+27:43:19	300	90	3.0	#141 Mapping t	2	
0092.COMP	5	11:03	01:11:53.4	+27:43:19	300	90	3.0	#141 Mapping t	2	
0093.02430929+3748421	1200	11:07	02:43:09.3	+37:48:42	300	90	3.0	#141 Mapping t	2	
0094.COMP	5	11:27	02:43:09.3	+37:48:42	300	90	3.0	#141 Mapping t	2	
0095.03114552+3418191	1200	11:31	03:11:45.5	+34:18:19	300	90	3.0	#141 Mapping t	2	
0096.COMP	5	11:52	03:11:45.5	+34:18:19	300	90	3.0	#141 Mapping t	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.BIAS	0	22:44	03:11:45.5	+34:18:19	300	90	3.0	#0 Calibration	2	
0011-0025.FLAT	7	22:49	03:11:45.5	+34:18:19	300	90	3.0	#0 Calibration	2	
0026-0035.DARK	900	01:17	03:11:45.5	+34:18:19	300	90	3.0	#0 Calibration	2	
0036.COMP	5	02:17	03:11:45.5	+34:18:19	300	90	3.0	#183 Young Sta	2	
0037.CICyg	3	03:00	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0038.CICyg	12	03:01	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0039.COMP	5	03:01	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0040.S4240.66+4242	120	03:08	20:42:40.7	+42:42:09	300	90	3.0	#183 Young Sta	2	
0041.COMP	5	03:12	20:42:40.7	+42:42:09	300	90	3.0	#183 Young Sta	2	
0042.S4245.20+4216	120	03:19	20:42:45.2	+42:16:56	300	90	3.0	#183 Young Sta	2	
0043.COMP	5	03:21	20:42:45.2	+42:16:56	300	90	3.0	#183 Young Sta	2	
0044.S4246.03+4128	120	03:22	20:42:46.0	+41:28:24	300	90	3.0	#183 Young Sta	2	
0045.COMP	5	03:25	20:42:46.0	+41:28:24	300	90	3.0	#183 Young Sta	2	
0046.S4251.47+4131	90	03:26	20:42:51.5	+41:31:48	300	90	3.0	#183 Young Sta	2	
0047.COMP	5	03:28	20:42:51.5	+41:31:48	300	90	3.0	#183 Young Sta	2	
0048.S4253.80+4140	90	03:30	20:42:53.8	+41:40:47	300	90	3.0	#183 Young Sta	2	
0049.COMP	5	03:33	20:42:53.8	+41:40:47	300	90	3.0	#183 Young Sta	2	
0050.S4254.16+4143	90	03:35	20:42:54.2	+41:43:54	300	90	3.0	#183 Young Sta	2	
0051.COMP	5	03:37	20:42:54.2	+41:43:54	300	90	3.0	#183 Young Sta	2	
0052.S4258.07+4221	90	03:38	20:42:58.1	+42:21:46	300	90	3.0	#183 Young Sta	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0053.COMP	5	03:40	20:42:58.1	+42:21:46	300	90	3.0	#183 Young Sta	2	
0054.S4258.71+4236	90	03:42	20:42:58.7	+42:36:24	300	90	3.0	#183 Young Sta	2	
0055.COMP	5	03:43	20:42:58.7	+42:36:24	300	90	3.0	#183 Young Sta	2	
0056.S4300.48+4159	90	03:45	20:43:00.5	+41:59:59	300	90	3.0	#183 Young Sta	2	
0057.COMP	5	03:46	20:43:00.5	+41:59:59	300	90	3.0	#183 Young Sta	2	
0058.S4303.38+4251	90	03:48	20:43:03.4	+42:51:37	300	90	3.0	#183 Young Sta	2	
0059.COMP	5	03:50	20:43:03.4	+42:51:37	300	90	3.0	#183 Young Sta	2	
0060.S4306.62+4304	90	03:51	20:43:06.6	+43:04:44	300	90	3.0	#183 Young Sta	2	
0061.COMP	5	03:54	20:43:06.6	+43:04:44	300	90	3.0	#183 Young Sta	2	
0062.S4310.07+4241	90	03:56	20:43:10.1	+42:41:52	300	90	3.0	#183 Young Sta	2	
0063.COMP	5	03:58	20:43:10.1	+42:41:52	300	90	3.0	#183 Young Sta	2	
0064.S4313.15+4203	90	03:59	20:43:13.2	+42:03:40	300	90	3.0	#183 Young Sta	2	
0065.COMP	5	04:02	20:43:13.2	+42:03:40	300	90	3.0	#183 Young Sta	2	
0066.S4314.49+4242	90	04:06	20:43:14.5	+42:42:52	300	90	3.0	#183 Young Sta	2	
0067.COMP	5	04:09	20:43:14.5	+42:42:52	300	90	3.0	#183 Young Sta	2	
0068.S4326.30+4223	90	04:10	20:43:26.3	+42:23:48	300	90	3.0	#183 Young Sta	2	
0069.COMP	5	04:12	20:43:26.3	+42:23:48	300	90	3.0	#183 Young Sta	2	
0070.S4320.25+4241	90	04:14	20:43:20.3	+42:41:22	300	90	3.0	#183 Young Sta	2	
0071.COMP	5	04:16	20:43:20.3	+42:41:22	300	90	3.0	#183 Young Sta	2	
0072.S4332.92+4233	90	04:17	20:43:32.9	+42:33:58	300	90	3.0	#183 Young Sta	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0073.COMP	5	04:20	20:43:32.9	+42:33:58	300	90	3.0	#183 Young Sta	2	
0074.S4335.05+4213	90	04:22	20:43:35.1	+42:13:02	300	90	3.0	#183 Young Sta	2	
0075.COMP	5	04:25	20:43:35.1	+42:13:02	300	90	3.0	#183 Young Sta	2	
0076.S4335.78+4207	90	04:28	20:43:35.8	+42:07:50	300	90	3.0	#183 Young Sta	2	
0077.COMP	5	04:30	20:43:35.8	+42:07:50	300	90	3.0	#183 Young Sta	2	
0078.S4106.78+4231	120	04:37	20:41:06.8	+42:31:12	300	90	3.0	#183 Young Sta	2	
0079.COMP	5	04:40	20:41:06.8	+42:31:12	300	90	3.0	#183 Young Sta	2	
0080.S4005.03+4258	360	04:43	20:40:05.0	+42:58:05	300	90	3.0	#183 Young Sta	2	
0081.COMP	5	04:53	20:40:05.0	+42:58:05	300	90	3.0	#183 Young Sta	2	
0082.S3930.50+4207	360	04:54	20:39:30.5	+42:07:15	300	90	3.0	#183 Young Sta	2	
0083.COMP	5	05:03	20:39:30.5	+42:07:15	300	90	3.0	#183 Young Sta	2	
0085.S3808.12+4200	900	05:26	20:38:08.1	+42:00:52	300	90	3.0	#183 Young Sta	2	
0086.COMP	5	05:42	20:38:08.1	+42:00:52	300	90	3.0	#183 Young Sta	2	
0087.S3829.09+4206	1200	05:47	20:38:29.1	+42:06:22	300	90	3.0	#183 Young Sta	2	
0088.COMP	5	06:08	20:38:29.1	+42:06:22	300	90	3.0	#183 Young Sta	2	
0089.S4004.50+4257	600	06:15	20:40:04.5	+42:57:51	300	90	3.0	#183 Young Sta	2	
0090.COMP	5	06:29	20:40:04.5	+42:57:51	300	90	3.0	#183 Young Sta	2	
0091.BDp174708	45	06:31	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0092.BDp174708	45	06:32	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0093.BDp174708	45	06:33	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0094.COMP	5	06:34	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0095.BDp284211	90	06:37	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0096.BDp284211	90	06:38	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0097.COMP	5	06:41	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0098.ZAnd	1	06:43	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0099.ZAnd	5	06:43	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0100.ZAnd	30	06:43	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0101.COMP	5	06:44	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0102.225m280	240	06:47	00:44:29.8	+41:21:25	300	90	3.0	#57 Velocity S	2	
0103.COMP	5	06:52	00:44:29.8	+41:21:25	300	90	3.0	#57 Velocity S	2	
0104.S4030.41+4203	1800	06:57	20:40:30.4	+42:03:41	300	90	3.0	#183 Young Sta	2	
0105.COMP	5	07:27	20:40:30.4	+42:03:41	300	90	3.0	#183 Young Sta	2	
0106.S4331.13+4208	1800	08:10	20:43:31.1	+42:08:16	300	90	3.0	#183 Young Sta	2	
0107.COMP	5	08:41	20:43:31.1	+42:08:16	300	90	3.0	#183 Young Sta	2	
0108.00452729+0230306	900	08:49	00:45:27.3	+02:30:31	300	90	3.0	#141 Mapping t	2	
0109.COMP	5	09:05	00:45:27.3	+02:30:31	300	90	3.0	#141 Mapping t	2	
0110.01293373+1717532	900	09:10	01:29:33.7	+17:17:53	300	90	3.0	#141 Mapping t	2	
0111.COMP	5	09:25	01:29:33.7	+17:17:53	300	90	3.0	#141 Mapping t	2	
0112.01302477+1730408	1000	09:29	01:30:24.8	+17:30:41	300	80	3.0	#141 Mapping t	2	
0113.COMP	5	09:46	01:30:24.8	+17:30:41	300	80	3.0	#141 Mapping t	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0114.02015810+2717181	1000	09:53	02:01:58.1	+27:17:18	300	90	3.0	#141 Mapping t	2	
0115.COMP	5	10:10	02:01:58.1	+27:17:18	300	90	3.0	#141 Mapping t	2	
0116.02023255+4457554	1000	10:32	02:02:32.5	+44:57:55	300	90	3.0	#141 Mapping t	2	
0117.COMP	5	10:49	02:02:32.5	+44:57:55	300	90	3.0	#141 Mapping t	2	
0118.02413514+4215122	1000	10:56	02:41:35.1	+42:15:12	300	90	3.0	#141 Mapping t	2	
0119.COMP	5	11:14	02:41:35.1	+42:15:12	300	90	3.0	#141 Mapping t	2	
0120.02442707+4432177	1000	11:17	02:44:27.1	+44:32:18	300	90	3.0	#141 Mapping t	2	
0121.COMP	5	11:34	02:44:27.1	+44:32:18	300	90	3.0	#141 Mapping t	2	
0122.02443070+4022404	1000	11:36	02:44:30.7	+40:22:40	300	90	3.0	#141 Mapping t	2	
0123.COMP	5	11:53	02:44:30.7	+40:22:40	300	90	3.0	#141 Mapping t	2	
0124-0133.BIAS	0	12:08	02:44:30.7	+40:22:40	300	90	3.0	#0 Calibration	2	
0134-0148.FLAT	7	12:14	02:44:30.7	+40:22:40	300	90	3.0	#0 Calibration	2	
0149-0153.DARK	900	13:26	02:44:30.7	+40:22:40	300	90	3.0	#0 Calibration	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.BIAS	0	01:11	17:40:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0011-0025.FLAT	7	01:16	17:40:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0026-0030.sky	3	01:32	18:15:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0031.COMP	10	01:33	18:15:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0032.AGDra	2	02:04	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0033.AGDra	10	02:04	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0034.AGDra	60	02:05	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0035.COMP	10	02:06	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0036.CHCyg	2	02:08	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0037.CHCyg	5	02:09	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0038.CHCyg	10	02:09	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0039.COMP	10	02:10	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0040.CICyg	5	02:11	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0041.CICyg	3	02:12	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0042.CICyg	15	02:12	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0043.COMP	10	02:13	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0044.BFCyg	5	02:14	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0045.BFCyg	10	02:15	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0046.COMP	10	02:15	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0048.Hen1341	15	02:24	17:08:36.0	-17:26:30	300	20	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0049.Hen1341	30	02:25	17:08:36.0	-17:26:30	300	20	3.0	#12 Symbiotic	2	
0050.Hen1341	240	02:26	17:08:36.0	-17:26:30	300	20	3.0	#12 Symbiotic	2	
0051.COMP	10	02:31	17:08:36.0	-17:26:30	300	20	3.0	#12 Symbiotic	2	
0052.RSOph	10	02:32	17:50:13.0	-06:42:30	300	20	3.0	#12 Symbiotic	2	
0053.RSOph	30	02:33	17:50:13.0	-06:42:30	300	20	3.0	#12 Symbiotic	2	
0054.RSOph	90	02:33	17:50:13.0	-06:42:30	300	20	3.0	#12 Symbiotic	2	
0055.COMP	10	02:35	17:50:13.0	-06:42:30	300	20	3.0	#12 Symbiotic	2	
0056.AS270	60	02:37	18:05:33.7	-20:20:38	300	20	3.0	#12 Symbiotic	2	
0057.AS270	240	02:38	18:05:33.7	-20:20:38	300	20	3.0	#12 Symbiotic	2	
0058.AS270	30	02:42	18:05:33.7	-20:20:38	300	20	3.0	#12 Symbiotic	2	
0059.COMP	10	02:43	18:05:33.7	-20:20:38	300	20	3.0	#12 Symbiotic	2	
0060.AS289	15	02:44	18:12:22.0	-11:40:08	300	20	3.0	#12 Symbiotic	2	
0061.AS289	30	02:45	18:12:22.0	-11:40:08	300	20	3.0	#12 Symbiotic	2	
0062.AS289	120	02:46	18:12:22.0	-11:40:08	300	20	3.0	#12 Symbiotic	2	
0063.COMP	10	02:48	18:12:22.0	-11:40:08	300	20	3.0	#12 Symbiotic	2	
0064.AS316	30	02:49	18:42:33.0	-21:17:47	300	20	3.0	#12 Symbiotic	2	
0065.AS316	60	02:50	18:42:33.0	-21:17:47	300	20	3.0	#12 Symbiotic	2	
0066.AS316	300	02:51	18:42:33.0	-21:17:47	300	20	3.0	#12 Symbiotic	2	
0067.COMP	10	02:57	18:42:33.0	-21:17:47	300	20	3.0	#12 Symbiotic	2	
0068.AS327	30	02:58	18:53:17.0	-24:22:59	300	20	3.0	#12 Symbiotic	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0069.AS327	45	02:59	18:53:17.0	-24:22:59	300	20	3.0	#12 Symbiotic	2	
0070.AS327	240	03:00	18:53:17.0	-24:22:59	300	20	3.0	#12 Symbiotic	2	
0071.COMP	10	03:04	18:53:17.0	-24:22:59	300	20	3.0	#12 Symbiotic	2	
0072.V919Sgr	15	03:05	19:03:45.0	-16:59:56	300	20	3.0	#12 Symbiotic	2	
0073.V919Sgr	8	03:06	19:03:45.0	-16:59:56	300	20	3.0	#12 Symbiotic	2	
0074.V919Sgr	120	03:06	19:03:45.0	-16:59:56	300	20	3.0	#12 Symbiotic	2	
0075.COMP	10	03:09	19:03:45.0	-16:59:56	300	20	3.0	#12 Symbiotic	2	
0076.AS296	10	03:11	18:15:07.0	-00:18:52	300	35	3.0	#12 Symbiotic	2	
0077.AS296	30	03:11	18:15:07.0	-00:18:52	300	35	3.0	#12 Symbiotic	2	
0078.AS296	120	03:12	18:15:07.0	-00:18:52	300	35	3.0	#12 Symbiotic	2	
0079.COMP	10	03:15	18:15:07.0	-00:18:52	300	35	3.0	#12 Symbiotic	2	
0080.YYHer	30	03:16	18:14:34.0	+20:59:19	300	35	3.0	#12 Symbiotic	2	
0081.YYHer	90	03:17	18:14:34.0	+20:59:19	300	35	3.0	#12 Symbiotic	2	
0082.YYHer	240	03:19	18:14:34.0	+20:59:19	300	35	3.0	#12 Symbiotic	2	
0083.COMP	10	03:24	18:14:34.0	+20:59:19	300	35	3.0	#12 Symbiotic	2	
0084.V443Her	5	03:25	18:22:07.0	+23:27:20	300	35	3.0	#12 Symbiotic	2	
0085.V443Her	30	03:25	18:22:07.0	+23:27:20	300	35	3.0	#12 Symbiotic	2	
0086.V443Her	45	03:27	18:22:07.0	+23:27:20	300	35	3.0	#12 Symbiotic	2	
0087.COMP	10	03:28	18:22:07.0	+23:27:20	300	35	3.0	#12 Symbiotic	2	
0088.AS338	90	03:29	19:03:47.0	+16:26:17	300	45	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0089.AS338	600	03:31	19:03:47.0	+16:26:17	300	45	3.0	#12 Symbiotic	2	
0090.COMP	10	03:41	19:03:47.0	+16:26:17	300	45	3.0	#12 Symbiotic	2	
0091.AS360	60	03:42	19:45:49.0	+18:36:49	300	45	3.0	#12 Symbiotic	2	
0092.AS360	360	03:44	19:45:49.0	+18:36:49	300	45	3.0	#12 Symbiotic	2	
0093.COMP	10	03:51	19:45:49.0	+18:36:49	300	45	3.0	#12 Symbiotic	2	
0094.PUVu1	10	03:52	20:21:13.0	+21:34:21	300	0	3.0	#12 Symbiotic	2	
0095.PUVu1	30	03:53	20:21:13.0	+21:34:21	300	0	3.0	#12 Symbiotic	2	
0096.PUVu1	180	03:54	20:21:13.0	+21:34:21	300	0	3.0	#12 Symbiotic	2	
0097.COMP	10	03:57	20:21:13.0	+21:34:21	300	0	3.0	#12 Symbiotic	2	
0098.1ES1959p650	360	04:00	19:59:59.8	+65:08:55	300	0	3.0	#6 AGN Monitor	2	
0099.1ES1959p650	360	04:06	19:59:59.8	+65:08:55	300	0	3.0	#6 AGN Monitor	2	
0100.COMP	10	04:12	19:59:59.8	+65:08:55	300	0	3.0	#6 AGN Monitor	2	
0101.IFS005	720	04:16	19:11:47.0	+11:43:47	300	50	3.0	#186 IPHAS AGB	2	target at row 80 in red, very red star, faint comp to east
0102.COMP	10	04:29	19:11:47.0	+11:43:47	300	50	3.0	#186 IPHAS AGB	2	
0103.IFC004	900	04:30	19:12:18.2	+11:41:35	300	50	3.0	#186 IPHAS AGB	2	
0104.COMP	10	04:45	19:12:18.2	+11:41:35	300	50	3.0	#186 IPHAS AGB	2	
0105.IFS006	360	04:47	19:17:16.0	+17:19:33	300	59	3.0	#186 IPHAS AGB	2	
0106.COMP	10	04:53	19:17:16.0	+17:19:33	300	59	3.0	#186 IPHAS AGB	2	
0107.IFS007	660	04:54	19:17:05.1	+22:18:28	300	67	3.0	#186 IPHAS AGB	2	
0108.COMP	10	05:06	19:17:05.1	+22:18:28	300	67	3.0	#186 IPHAS AGB	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0109.BDp284211	120	05:08	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0110.BDp284211	120	05:10	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0111.COMP	10	05:12	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0113.BLLac	180	05:18	22:02:43.3	+42:16:40	300	85	3.0	#6 AGN Monitor	2	
0114.BLLac	180	05:21	22:02:43.3	+42:16:40	300	85	3.0	#6 AGN Monitor	2	
0115.COMP	10	05:25	22:02:43.3	+42:16:40	300	85	3.0	#6 AGN Monitor	2	
0116.BDp174708	60	05:26	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0117.BDp174708	60	05:27	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0118.BDp174708	60	05:28	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0119.COMP	10	05:30	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0120.ZAnd	5	05:33	23:33:40.0	+48:49:06	300	30	3.0	#12 Symbiotic	2	
0121.ZAnd	3	05:34	23:33:40.0	+48:49:06	300	30	3.0	#12 Symbiotic	2	
0122.ZAnd	30	05:34	23:33:40.0	+48:49:06	300	30	3.0	#12 Symbiotic	2	
0123.COMP	10	05:35	23:33:40.0	+48:49:06	300	30	3.0	#12 Symbiotic	2	
0124.1ES2344p514	360	05:36	23:47:04.6	+51:42:18	300	45	3.0	#6 AGN Monitor	2	
0125.1ES2344p514	360	05:42	23:47:04.6	+51:42:18	300	45	3.0	#6 AGN Monitor	2	
0126.COMP	10	05:49	23:47:04.6	+51:42:18	300	45	3.0	#6 AGN Monitor	2	
0127.IFC007	720	05:50	23:31:37.8	+59:53:01	300	30	3.0	#186 IPHAS AGB	2	
0128.COMP	10	06:02	23:31:37.8	+59:53:01	300	30	3.0	#186 IPHAS AGB	2	
0129.IFS010	720	06:04	00:06:06.5	+62:13:54	300	30	3.0	#186 IPHAS AGB	2	target at row 79

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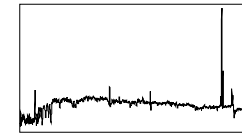
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0130.COMP	10	06:16	00:06:06.5	+62:13:54	300	30	3.0	#186 IPHAS AGB	2	
0131.IFC008	900	06:17	00:09:22.9	+64:20:48	300	30	3.0	#186 IPHAS AGB	2	
0132.COMP	10	06:33	00:09:22.9	+64:20:48	300	30	3.0	#186 IPHAS AGB	2	
0133.IFC009	720	06:35	00:13:16.6	+63:02:00	300	0	3.0	#186 IPHAS AGB	2	
0134.COMP	10	06:47	00:13:16.6	+63:02:00	300	0	3.0	#186 IPHAS AGB	2	
0135.IFC010	900	06:48	00:13:00.1	+67:04:42	300	0	3.0	#186 IPHAS AGB	2	
0136.COMP	10	07:04	00:13:00.1	+67:04:42	300	0	3.0	#186 IPHAS AGB	2	
0137.IFC011	1200	07:05	00:12:54.4	+65:28:30	300	0	3.0	#186 IPHAS AGB	2	
0138.COMP	10	07:25	00:12:54.4	+65:28:30	300	0	3.0	#186 IPHAS AGB	2	
0139.IFC012	1200	07:26	00:11:46.1	+65:48:46	300	0	3.0	#186 IPHAS AGB	2	
0140.COMP	10	07:47	00:11:46.1	+65:48:46	300	0	3.0	#186 IPHAS AGB	2	
0141.EGAnd	1	07:49	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0142.EGAnd	3	07:49	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0143.EGAnd	6	07:50	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0144.COMP	10	07:50	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0145.225m280	240	07:51	00:44:29.8	+41:21:25	300	90	3.0	#57 Velocity S	2	
0146.COMP	10	07:56	00:44:29.8	+41:21:25	300	90	3.0	#57 Velocity S	2	
0147.00343961+7734542	330	07:58	00:34:39.6	+77:34:54	300	90	3.0	#141 Mapping t	2	
0148.COMP	10	08:03	00:34:39.6	+77:34:54	300	90	3.0	#141 Mapping t	2	
0149.00371847+7915519	330	08:05	00:37:18.5	+79:15:52	300	90	3.0	#141 Mapping t	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0150.COMP	10	08:10	00:37:18.5	+79:15:52	300	90	3.0	#141 Mapping t	2	
0151.00484053+8345204	330	08:11	00:48:40.5	+83:45:20	300	90	3.0	#141 Mapping t	2	
0152.COMP	10	08:17	00:48:40.5	+83:45:20	300	90	3.0	#141 Mapping t	2	
0153.00583974+8005081	390	08:18	00:58:39.7	+80:05:08	300	90	3.0	#141 Mapping t	2	
0154.COMP	10	08:25	00:58:39.7	+80:05:08	300	90	3.0	#141 Mapping t	2	
0155.01033453+5225416	420	08:27	01:03:34.5	+52:25:42	300	90	3.0	#141 Mapping t	2	
0156.COMP	10	08:34	01:03:34.5	+52:25:42	300	90	3.0	#141 Mapping t	2	
0157.01020178+5119438	420	08:35	01:02:01.8	+51:19:44	300	90	3.0	#141 Mapping t	2	
0158.COMP	10	08:42	01:02:01.8	+51:19:44	300	90	3.0	#141 Mapping t	2	
0159.01014727+5026198	540	08:43	01:01:47.3	+50:26:20	300	90	3.0	#141 Mapping t	2	
0160.COMP	10	08:52	01:01:47.3	+50:26:20	300	90	3.0	#141 Mapping t	2	
0161.00585665+5238057	390	08:53	00:58:56.6	+52:38:06	300	90	3.0	#141 Mapping t	2	
0162.COMP	10	09:05	00:58:56.6	+52:38:06	300	90	3.0	#141 Mapping t	2	
0163.00523025+5157346	600	09:07	00:52:30.3	+51:57:35	300	90	3.0	#141 Mapping t	2	
0164.COMP	10	09:18	00:52:30.3	+51:57:35	300	90	3.0	#12 Symbiotic	2	
0165.AXPer	4	09:19	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0166.AXPer	30	09:19	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0167.COMP	10	09:21	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0168.3C66A	300	09:22	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0169.3C66A	300	09:27	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0170.COMP	10	09:32	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0171.00482152+4646379	480	09:35	00:48:21.5	+46:46:38	300	43	3.0	#141 Mapping t	2	close pair, rotated to avoid nearby bright stars
0172.COMP	10	09:43	00:48:21.5	+46:46:38	300	43	3.0	#141 Mapping t	2	
0173.00482840+4954275	330	09:44	00:48:28.4	+49:54:28	300	90	3.0	#141 Mapping t	2	
0174.COMP	10	09:50	00:48:28.4	+49:54:28	300	90	3.0	#141 Mapping t	2	
0175.00532689+4726292	330	09:51	00:53:26.9	+47:26:29	300	90	3.0	#141 Mapping t	2	
0176.COMP	10	09:57	00:53:26.9	+47:26:29	300	90	3.0	#141 Mapping t	2	
0177.00494045+3210078	360	09:58	00:49:40.4	+32:10:08	300	90	3.0	#141 Mapping t	2	
0178.COMP	10	10:05	00:49:40.4	+32:10:08	300	90	3.0	#141 Mapping t	2	
0179.00533299+3120080	420	10:06	00:53:33.0	+31:20:08	300	90	3.0	#141 Mapping t	2	
0180.COMP	10	10:13	00:53:33.0	+31:20:08	300	90	3.0	#141 Mapping t	2	
0181.00592421+4141108	420	10:14	00:59:24.2	+41:41:11	300	90	3.0	#141 Mapping t	2	
0182.COMP	10	10:21	00:59:24.2	+41:41:11	300	90	3.0	#141 Mapping t	2	
0183.01045288+4929529	420	10:23	01:04:52.9	+49:29:53	300	90	3.0	#141 Mapping t	2	
0184.COMP	10	10:30	01:04:52.9	+49:29:53	300	90	3.0	#141 Mapping t	2	
0185.01082865+4925141	480	10:31	01:08:28.6	+49:25:14	300	90	3.0	#141 Mapping t	2	
0186.COMP	10	10:39	01:08:28.6	+49:25:14	300	90	3.0	#141 Mapping t	2	
0187.01131402+5226144	360	10:40	01:13:14.0	+52:26:14	300	90	3.0	#141 Mapping t	2	
0188.COMP	10	10:47	01:13:14.0	+52:26:14	300	90	3.0	#141 Mapping t	2	
0189.01155540+5103031	480	10:48	01:15:55.4	+51:03:03	300	90	3.0	#141 Mapping t	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0190.COMP	10	10:56	01:15:55.4	+51:03:03	300	90	3.0	#141 Mapping t	2	
0191.01164202+7811458	660	10:58	01:16:42.0	+78:11:46	300	90	3.0	#141 Mapping t	2	
0192.COMP	10	11:09	01:16:42.0	+78:11:46	300	90	3.0	#141 Mapping t	2	
0193.01184762+8205287	600	11:11	01:18:47.6	+82:05:29	300	90	3.0	#141 Mapping t	2	
0194.COMP	10	11:21	01:18:47.6	+82:05:29	300	90	3.0	#141 Mapping t	2	
0195.01410809+8428360	480	11:23	01:41:08.1	+84:28:36	300	90	3.0	#141 Mapping t	2	
0196.COMP	10	11:31	01:41:08.1	+84:28:36	300	90	3.0	#141 Mapping t	2	
0197.01484663+8108054	600	11:32	01:48:46.6	+81:08:05	300	90	3.0	#141 Mapping t	2	
0198.COMP	10	11:42	01:48:46.6	+81:08:05	300	90	3.0	#141 Mapping t	2	
0199.01431917+7403331	660	11:43	01:43:19.2	+74:03:33	300	90	3.0	#141 Mapping t	2	
0200.COMP	10	11:55	01:43:19.2	+74:03:33	300	90	3.0	#141 Mapping t	2	
0201.01252387+3129355	360	11:57	01:25:23.9	+31:29:36	300	90	3.0	#141 Mapping t	2	
0202.COMP	10	12:03	01:25:23.9	+31:29:36	300	90	3.0	#141 Mapping t	2	
0203.01285961+3054279	360	12:04	01:28:59.6	+30:54:28	300	90	3.0	#141 Mapping t	2	
0204.COMP	10	12:10	01:28:59.6	+30:54:28	300	90	3.0	#141 Mapping t	2	
0205.02064847+3154340	325	12:11	02:06:48.5	+31:54:34	300	90	3.0	#141 Mapping t	2	
0206.COMP	10	12:17	02:06:48.5	+31:54:34	300	90	3.0	#141 Mapping t	2	
0207-0216.BIAS	0	12:21	02:06:48.5	+31:54:34	300	90	3.0	#57 Velocity S	2	
0217-0231.FLAT	7	12:26	02:06:48.5	+31:54:34	300	90	3.0	#57 Velocity S	2	
0232-0242.DARK	900	15:09	02:06:48.5	+31:54:34	300	90	3.0	#57 Velocity S	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0008.DARK	900	00:32	18:15:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0009-0020.BIAS	0	01:03	18:15:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0021-0035.FLAT	7	01:09	18:15:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0036-0040.sky	5	01:33	18:15:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0041.COMP	10	01:34	18:15:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0042.COMP	10	02:08	20:43:35.8	+42:07:50	300	90	3.0	#183 Young Sta	2	
0043.S4335.79+4207	75	02:09	20:43:35.8	+42:07:50	300	90	3.0	#183 Young Sta	2	
0044.S4336.98+4258	75	02:11	20:43:37.0	+42:58:07	300	90	3.0	#183 Young Sta	2	pec continuum, redo this one
0045.S4337.73+4238	75	02:13	20:43:37.7	+42:38:29	300	90	3.0	#183 Young Sta	2	
0046.S4339.56+4242	75	02:15	20:43:39.6	+42:42:08	300	90	3.0	#183 Young Sta	2	
0047.COMP	10	02:17	20:43:39.6	+42:42:08	300	90	3.0	#183 Young Sta	2	
0048.S4341.73+4237	75	02:18	20:43:41.7	+42:37:30	300	90	3.0	#183 Young Sta	2	
0049.S4343.81+4239	75	02:20	20:43:43.8	+42:39:13	300	90	3.0	#183 Young Sta	2	
0050.S4344.08+4206	60	02:22	20:43:44.1	+42:06:43	300	90	3.0	#183 Young Sta	2	
0051.S4349.94+4227	75	02:23	20:43:49.9	+42:27:38	300	90	3.0	#183 Young Sta	2	
0052.COMP	10	02:26	20:43:49.9	+42:27:38	300	90	3.0	#183 Young Sta	2	
0053.S4356.95+4208	75	02:27	20:43:57.0	+42:08:41	300	90	3.0	#183 Young Sta	2	
0054.S4358.57+4238	75	02:28	20:43:58.6	+42:38:08	300	90	3.0	#183 Young Sta	2	
0055.S4359.99+4219	75	02:30	20:44:00.0	+42:19:32	300	90	3.0	#183 Young Sta	2	
0056.S4434.64+4238	80	02:34	20:44:34.6	+42:38:15	300	90	3.0	#183 Young Sta	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0057.COMP	10	02:36	20:44:34.6	+42:38:15	300	90	3.0	#183 Young Sta	2	
0058.S4456.00+4219	75	02:41	20:44:56.0	+42:19:38	300	90	3.0	#183 Young Sta	2	
0059.COMP	10	02:42	20:44:56.0	+42:19:38	300	90	3.0	#183 Young Sta	2	
0060.IFC005	1200	02:44	19:34:32.6	+19:24:03	300	90	3.0	#186 IPHAS AGB	2	target at row 81-82
0061.COMP	10	03:04	19:34:32.6	+19:24:03	300	90	3.0	#186 IPHAS AGB	2	
0062.IFC035	1200	03:06	19:34:15.0	+19:18:08	300	90	3.0	#186 IPHAS AGB	2	
0063.COMP	10	03:27	19:34:15.0	+19:18:08	300	90	3.0	#186 IPHAS AGB	2	
0064.IFC024	720	03:28	19:35:44.1	+30:49:33	300	90	3.0	#186 IPHAS AGB	2	
0065.COMP	10	03:41	19:35:44.1	+30:49:33	300	90	3.0	#186 IPHAS AGB	2	
0066.test	10	03:45	21:00:00.0	+30:00:00	600	90	1.5	#56 Spectropho	4	
0067.hd188618	30	03:50	19:56:40.5	-17:55:17	600	0	1.5	#182 Runaway B	4	600-line, 1.5-sec, tilt 440, Warren
0068.COMP	10	03:51	19:56:40.5	-17:55:17	600	0	1.5	#182 Runaway B	4	
0069.hd206144	30	03:53	21:40:33.4	-17:36:01	600	0	1.5	#182 Runaway B	4	
0070.COMP	10	03:54	21:40:33.4	-17:36:01	600	0	1.5	#182 Runaway B	4	
0071.ph1159	60	03:55	21:48:44.3	+01:57:34	600	0	1.5	#182 Runaway B	4	
0072.COMP	10	03:56	21:48:44.3	+01:57:34	600	0	1.5	#182 Runaway B	4	
0073.pg2219p093	90	03:57	22:21:59.3	+09:37:26	600	0	1.5	#182 Runaway B	4	
0074.COMP	10	03:59	22:21:59.3	+09:37:26	600	0	1.5	#182 Runaway B	4	
0075.pg2229p099	150	04:00	22:32:08.5	+10:14:25	600	0	1.5	#182 Runaway B	4	
0076.COMP	10	04:03	22:32:08.5	+10:14:25	600	0	1.5	#182 Runaway B	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0077.bcand965	900	04:05	22:39:06.1	+12:30:35	600	0	1.5	#182 Runaway B	4	
0078.COMP	10	04:21	22:39:06.1	+12:30:35	600	0	1.5	#182 Runaway B	4	
0079.ph1346	90	04:22	22:37:38.3	-18:39:51	600	0	1.5	#182 Runaway B	4	
0080.COMP	10	04:24	22:37:38.3	-18:39:51	600	0	1.5	#182 Runaway B	4	
0081.hd188618	30	04:25	19:56:40.5	-17:55:17	600	0	1.5	#182 Runaway B	4	
0082.COMP	10	04:26	19:56:40.5	-17:55:17	600	0	1.5	#182 Runaway B	4	
0083.hd206144	30	04:27	21:40:33.4	-17:36:01	600	0	1.5	#182 Runaway B	4	
0084.COMP	10	04:28	21:40:33.4	-17:36:01	600	0	1.5	#182 Runaway B	4	
0085.ph1159	60	04:29	21:48:44.3	+01:57:34	600	0	1.5	#182 Runaway B	4	
0086.COMP	10	04:31	21:48:44.3	+01:57:34	600	0	1.5	#182 Runaway B	4	
0087.pg2219p093	150	04:32	22:21:59.3	+09:37:26	600	0	1.5	#182 Runaway B	4	hey
0088.COMP	10	04:34	22:21:59.3	+09:37:26	600	0	1.5	#182 Runaway B	4	
0089.pg2229p099	150	04:36	22:32:08.5	+10:14:25	600	0	1.5	#182 Runaway B	4	
0090.COMP	10	04:39	22:32:08.5	+10:14:25	600	0	1.5	#182 Runaway B	4	
0091.bcand965	900	04:40	22:39:06.1	+12:30:35	600	0	1.5	#182 Runaway B	4	
0092.COMP	10	04:55	22:39:06.1	+12:30:35	600	0	1.5	#182 Runaway B	4	
0093.ph1346	90	04:56	22:37:38.3	-18:39:51	600	0	1.5	#182 Runaway B	4	
0094.COMP	10	04:58	22:37:38.3	-18:39:51	600	0	1.5	#182 Runaway B	4	
0095.hd188618	30	05:00	19:56:40.5	-17:55:17	600	0	1.5	#182 Runaway B	4	
0096.COMP	10	05:00	19:56:40.5	-17:55:17	600	0	1.5	#182 Runaway B	4	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0097.hd206144	30	05:02	21:40:33.4	-17:36:01	600	0	1.5	#182 Runaway B	4	
0098.COMP	10	05:02	21:40:33.4	-17:36:01	600	0	1.5	#182 Runaway B	4	
0099.ph1159	60	05:03	21:48:44.3	+01:57:34	600	0	1.5	#182 Runaway B	4	
0100.COMP	10	05:05	21:48:44.3	+01:57:34	600	0	1.5	#182 Runaway B	4	
0101.pg2219p093	90	05:06	22:21:59.3	+09:37:26	600	0	1.5	#182 Runaway B	4	
0102.COMP	10	05:07	22:21:59.3	+09:37:26	600	0	1.5	#182 Runaway B	4	
0103.pg2229p099	150	05:08	22:32:08.5	+10:14:25	600	0	1.5	#182 Runaway B	4	
0104.COMP	10	05:11	22:32:08.5	+10:14:25	600	0	1.5	#182 Runaway B	4	
0105.bcand965	900	05:12	22:39:06.1	+12:30:35	600	0	1.5	#182 Runaway B	4	
0106.COMP	10	05:28	22:39:06.1	+12:30:35	600	0	1.5	#182 Runaway B	4	
0107.ph1346	90	05:29	22:37:38.3	-18:39:51	600	0	1.5	#182 Runaway B	4	
0108.COMP	10	05:31	22:37:38.3	-18:39:51	600	0	1.5	#182 Runaway B	4	
0109.hd188618	30	05:32	19:56:40.5	-17:55:17	600	0	1.5	#182 Runaway B	4	
0110.COMP	10	05:33	19:56:40.5	-17:55:17	600	0	1.5	#182 Runaway B	4	
0111.hd206144	30	05:34	21:40:33.4	-17:36:01	600	0	1.5	#182 Runaway B	4	
0112.COMP	10	05:35	21:40:33.4	-17:36:01	600	0	1.5	#182 Runaway B	4	
0113.ph1159	60	05:37	21:48:44.3	+01:57:34	600	0	1.5	#182 Runaway B	4	
0114.COMP	10	05:38	21:48:44.3	+01:57:34	600	0	1.5	#182 Runaway B	4	
0115.pg2219p093	90	05:39	22:21:59.3	+09:37:26	600	0	1.5	#182 Runaway B	4	
0116.COMP	10	05:41	22:21:59.3	+09:37:26	600	0	1.5	#182 Runaway B	4	

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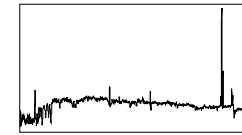
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0117.pg2229p099	150	05:42	22:32:08.5	+10:14:25	600	0	1.5	#182 Runaway B	4	
0118.COMP	10	05:45	22:32:08.5	+10:14:25	600	0	1.5	#182 Runaway B	4	
0119.bcand965	900	05:46	22:39:06.1	+12:30:35	600	0	1.5	#182 Runaway B	4	
0120.COMP	10	06:01	22:39:06.1	+12:30:35	600	0	1.5	#182 Runaway B	4	
0121.ph1346	90	06:03	22:37:38.3	-18:39:51	600	0	1.5	#182 Runaway B	4	
0122.COMP	10	06:04	22:37:38.3	-18:39:51	600	0	1.5	#182 Runaway B	4	
0123.hd188618	30	06:06	19:56:40.5	-17:55:17	600	0	1.5	#182 Runaway B	4	
0124.COMP	10	06:07	19:56:40.5	-17:55:17	600	0	1.5	#182 Runaway B	4	
0125.hd206144	30	06:08	21:40:33.4	-17:36:01	600	0	1.5	#182 Runaway B	4	
0126.COMP	10	06:09	21:40:33.4	-17:36:01	600	0	1.5	#182 Runaway B	4	
0127.ph1159	60	06:10	21:48:44.3	+01:57:34	600	0	1.5	#182 Runaway B	4	
0128.COMP	10	06:11	21:48:44.3	+01:57:34	600	0	1.5	#182 Runaway B	4	
0129.pg2219p093	90	06:12	22:21:59.3	+09:37:26	600	0	1.5	#182 Runaway B	4	
0130.COMP	10	06:14	22:21:59.3	+09:37:26	600	0	1.5	#182 Runaway B	4	
0131.pg2229p099	150	06:15	22:32:08.5	+10:14:25	600	0	1.5	#182 Runaway B	4	
0132.COMP	10	06:18	22:32:08.5	+10:14:25	600	0	1.5	#182 Runaway B	4	
0133.bcand965	900	06:19	22:39:06.1	+12:30:35	600	0	1.5	#182 Runaway B	4	
0134.COMP	10	06:34	22:39:06.1	+12:30:35	600	0	1.5	#182 Runaway B	4	
0135.ph1346	90	06:36	22:37:38.3	-18:39:51	600	0	1.5	#182 Runaway B	4	
0136.COMP	10	06:38	22:37:38.3	-18:39:51	600	0	1.5	#182 Runaway B	4	

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0137.hd206144	30	06:39	21:40:33.4	-17:36:01	600	0	1.5	#182 Runaway B	4	
0138.COMP	10	06:39	21:40:33.4	-17:36:01	600	0	1.5	#182 Runaway B	4	
0139.ph1159	60	06:41	21:48:44.3	+01:57:34	600	0	1.5	#182 Runaway B	4	
0140.COMP	10	06:42	21:48:44.3	+01:57:34	600	0	1.5	#182 Runaway B	4	
0141.pg2219p093	90	06:43	22:21:59.3	+09:37:26	600	0	1.5	#182 Runaway B	4	
0142.COMP	10	06:45	22:21:59.3	+09:37:26	600	0	1.5	#182 Runaway B	4	
0143.pg2229p099	150	06:46	22:32:08.5	+10:14:25	600	0	1.5	#182 Runaway B	4	
0144.COMP	10	06:48	22:32:08.5	+10:14:25	600	0	1.5	#182 Runaway B	4	
0145.bcand965	900	06:49	22:39:06.1	+12:30:35	600	0	1.5	#182 Runaway B	4	
0146.COMP	10	07:05	22:39:06.1	+12:30:35	600	0	1.5	#182 Runaway B	4	
0147.ph1346	90	07:07	22:37:38.3	-18:39:51	600	0	1.5	#182 Runaway B	4	
0148.COMP	10	07:08	22:37:38.3	-18:39:51	600	0	1.5	#182 Runaway B	4	
0149.hd206144	30	07:09	21:40:33.4	-17:36:01	600	0	1.5	#182 Runaway B	4	
0150.COMP	10	07:10	21:40:33.4	-17:36:01	600	0	1.5	#182 Runaway B	4	
0151.ph1159	60	07:11	21:48:44.3	+01:57:34	600	0	1.5	#182 Runaway B	4	
0152.COMP	10	07:13	21:48:44.3	+01:57:34	600	0	1.5	#182 Runaway B	4	
0153.pg2219p093	90	07:14	22:21:59.3	+09:37:26	600	0	1.5	#182 Runaway B	4	
0154.COMP	10	07:16	22:21:59.3	+09:37:26	600	0	1.5	#182 Runaway B	4	
0155.pg2229p099	150	07:16	22:32:08.5	+10:14:25	600	0	1.5	#182 Runaway B	4	
0156.COMP	10	07:19	22:32:08.5	+10:14:25	600	0	1.5	#182 Runaway B	4	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0157.bcand965	900	07:20	22:39:06.1	+12:30:35	600	0	1.5	#182 Runaway B	4	
0158.COMP	10	07:35	22:39:06.1	+12:30:35	600	0	1.5	#182 Runaway B	4	
0159-0168.FLAT	15	07:40	22:39:06.1	+12:30:35	600	0	1.5	#56 Spectropho	4	
0169.test	10	07:43	01:00:00.0	+30:00:00	600	0	2.0	#56 Spectropho	2	
0170.CygX2	300	07:47	21:44:41.2	+38:19:18	600	90	2.0	#149 Black Hol	2	600-line, 2-sec, tilt 480, M Torres
0171.COMP	10	07:52	21:44:41.2	+38:19:18	600	90	2.0	#149 Black Hol	2	
0172.COMP	10	07:54	23:06:15.2	+29:53:42	600	90	2.0	#149 Black Hol	2	
0173.HD218260	60	07:54	23:06:15.2	+29:53:42	600	90	2.0	#149 Black Hol	2	
0174.HD218260	60	07:56	23:06:15.2	+29:53:42	600	90	2.0	#149 Black Hol	2	
0175.HD218260	60	07:57	23:06:15.2	+29:53:42	600	90	2.0	#149 Black Hol	2	
0176.COMP	10	07:58	23:06:15.2	+29:53:42	600	90	2.0	#149 Black Hol	2	
0177.COMP	10	07:59	23:27:54.3	+59:41:43	600	90	2.0	#149 Black Hol	2	
0178.HD220999	10	08:00	23:27:54.3	+59:41:43	600	90	2.0	#149 Black Hol	2	
0179.HD220999	10	08:01	23:27:54.3	+59:41:43	600	90	2.0	#149 Black Hol	2	
0180.HD220999	10	08:01	23:27:54.3	+59:41:43	600	90	2.0	#149 Black Hol	2	
0181.HD220999	30	08:02	23:27:54.3	+59:41:43	600	90	2.0	#149 Black Hol	2	
0182.COMP	10	08:03	23:27:54.3	+59:41:43	600	90	2.0	#149 Black Hol	2	
0183.COMP	10	08:04	23:52:12.1	+60:14:59	600	90	2.0	#149 Black Hol	2	
0184.HD240431	90	08:06	23:52:12.1	+60:14:59	600	90	2.0	#149 Black Hol	2	
0185.HD240431	90	08:08	23:52:12.1	+60:14:59	600	90	2.0	#149 Black Hol	2	

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0186.HD240431	90	08:09	23:52:12.1	+60:14:59	600	90	2.0	#149 Black Hol	2	
0187.COMP	10	08:11	23:52:12.1	+60:14:59	600	90	2.0	#149 Black Hol	2	
0189-0198.FLAT	23	08:18	23:52:12.1	+60:14:59	600	90	2.0	#56 Spectropho	2	
0199.test	10	08:21	01:30:00.0	+30:00:00	300	90	3.0	#56 Spectropho	2	
0200.test	10	08:23	01:30:00.0	+30:00:00	300	90	3.0	#56 Spectropho	2	
0201.225m280	240	08:25	00:44:29.8	+41:21:25	300	90	3.0	#57 Velocity S	2	
0202.COMP	10	08:29	00:44:29.8	+41:21:25	300	90	3.0	#57 Velocity S	2	
0203.00473506+0911010	360	08:32	00:47:35.1	+09:11:01	300	0	3.0	#141 Mapping t	2	
0204.COMP	10	08:38	00:47:35.1	+09:11:01	300	0	3.0	#141 Mapping t	2	
0205.01060201-0612377	360	08:39	01:06:02.0	-06:12:38	300	0	3.0	#141 Mapping t	2	
0206.COMP	10	08:46	01:06:02.0	-06:12:38	300	0	3.0	#141 Mapping t	2	
0207.01063509-2019559	600	08:50	01:06:35.1	-20:19:56	300	0	3.0	#141 Mapping t	2	
0208.COMP	10	09:00	01:06:35.1	-20:19:56	300	0	3.0	#141 Mapping t	2	
0209.01235022-1811038	300	09:01	01:23:50.2	-18:11:04	300	0	3.0	#141 Mapping t	2	
0210.COMP	10	09:07	01:23:50.2	-18:11:04	300	0	3.0	#141 Mapping t	2	
0211.01285332-1546191	300	09:07	01:28:53.3	-15:46:19	300	0	3.0	#141 Mapping t	2	
0212.COMP	10	09:13	01:28:53.3	-15:46:19	300	0	3.0	#141 Mapping t	2	
0213.01282393-1334213	360	09:14	01:28:23.9	-13:34:21	300	0	3.0	#141 Mapping t	2	
0214.COMP	10	09:20	01:28:23.9	-13:34:21	300	0	3.0	#141 Mapping t	2	
0215.01103168-1358470	360	09:21	01:10:31.7	-13:58:47	300	0	3.0	#141 Mapping t	2	

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0216.COMP	10	09:27	01:10:31.7	-13:58:47	300	0	3.0	#141 Mapping t	2	
0217.01141473-1433213	360	09:28	01:14:14.7	-14:33:21	300	0	3.0	#141 Mapping t	2	
0218.COMP	10	09:34	01:14:14.7	-14:33:21	300	0	3.0	#141 Mapping t	2	
0219.01190230-1431134	270	09:35	01:19:02.3	-14:31:13	300	0	3.0	#141 Mapping t	2	
0220.COMP	10	09:40	01:19:02.3	-14:31:13	300	0	3.0	#141 Mapping t	2	
0221.01215824-1650434	360	09:41	01:21:58.2	-16:50:43	300	0	3.0	#141 Mapping t	2	
0222.COMP	10	09:47	01:21:58.2	-16:50:43	300	0	3.0	#141 Mapping t	2	
0223.01402721+0240545	360	09:49	01:40:27.2	+02:40:54	300	0	3.0	#141 Mapping t	2	
0224.COMP	10	09:55	01:40:27.2	+02:40:54	300	0	3.0	#141 Mapping t	2	
0225.01112530+0722004	360	09:56	01:11:25.3	+07:22:00	300	0	3.0	#141 Mapping t	2	
0226.COMP	10	10:04	01:11:25.3	+07:22:00	300	0	3.0	#141 Mapping t	2	
0227.01132698+0414226	330	10:05	01:13:27.0	+04:14:23	300	0	3.0	#141 Mapping t	2	
0228.COMP	10	10:11	01:13:27.0	+04:14:23	300	0	3.0	#141 Mapping t	2	
0229.01181097+0413344	330	10:12	01:18:11.0	+04:13:34	300	0	3.0	#141 Mapping t	2	
0230.COMP	10	10:17	01:18:11.0	+04:13:34	300	0	3.0	#141 Mapping t	2	
0231.01220184+0528571	330	10:18	01:22:01.8	+05:28:57	300	0	3.0	#141 Mapping t	2	
0232.COMP	10	10:24	01:22:01.8	+05:28:57	300	0	3.0	#141 Mapping t	2	
0233.01322941+0707556	360	10:25	01:32:29.4	+07:07:56	300	0	3.0	#141 Mapping t	2	
0234.COMP	10	10:31	01:32:29.4	+07:07:56	300	0	3.0	#141 Mapping t	2	
0235.HD19445	20	10:34	03:08:25.6	+26:19:51	300	32	3.0	#56 Spectropho	2	

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0236.HD19445	20	10:35	03:08:25.6	+26:19:51	300	32	3.0	#56 Spectropho	2	
0237.HD19445	20	10:35	03:08:25.6	+26:19:51	300	32	3.0	#56 Spectropho	2	
0238.COMP	10	10:36	03:08:25.6	+26:19:51	300	32	3.0	#56 Spectropho	2	
0239.01252328+1010567	390	10:38	01:25:23.3	+10:10:57	300	90	3.0	#141 Mapping t	2	
0240.COMP	10	10:45	01:25:23.3	+10:10:57	300	90	3.0	#141 Mapping t	2	
0241.01282902+1055196	360	10:46	01:28:29.0	+10:55:20	300	90	3.0	#141 Mapping t	2	
0242.COMP	10	10:53	01:28:29.0	+10:55:20	300	90	3.0	#141 Mapping t	2	
0243.01221689+1618015	720	10:54	01:22:16.9	+16:18:02	300	90	3.0	#141 Mapping t	2	
0244.COMP	10	11:06	01:22:16.9	+16:18:02	300	90	3.0	#141 Mapping t	2	
0245.01321353+1800267	300	11:07	01:32:13.5	+18:00:27	300	90	3.0	#141 Mapping t	2	
0246.COMP	10	11:12	01:32:13.5	+18:00:27	300	90	3.0	#141 Mapping t	2	
0247.01302797+2105265	300	11:13	01:30:28.0	+21:05:27	300	90	3.0	#141 Mapping t	2	
0248.COMP	10	11:19	01:30:28.0	+21:05:27	300	90	3.0	#141 Mapping t	2	
0249.01094439+2846391	480	11:20	01:09:44.4	+28:46:39	300	90	3.0	#141 Mapping t	2	
0250.COMP	10	11:28	01:09:44.4	+28:46:39	300	90	3.0	#141 Mapping t	2	
0251.01295873+3126300	330	11:29	01:29:58.7	+31:26:30	300	90	3.0	#141 Mapping t	2	
0252.COMP	10	11:35	01:29:58.7	+31:26:30	300	90	3.0	#141 Mapping t	2	
0253.01312185+3133160	330	11:36	01:31:21.8	+31:33:16	300	90	3.0	#141 Mapping t	2	
0254.COMP	10	11:41	01:31:21.8	+31:33:16	300	90	3.0	#141 Mapping t	2	
0255.02024731+3646282	360	11:43	02:02:47.3	+36:46:28	300	90	3.0	#141 Mapping t	2	

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0256.COMP	10	11:49	02:02:47.3	+36:46:28	300	90	3.0	#141 Mapping t	2	
0257.02084209+3047511	330	11:50	02:08:42.1	+30:47:51	300	90	3.0	#141 Mapping t	2	
0258.COMP	10	11:56	02:08:42.1	+30:47:51	300	90	3.0	#141 Mapping t	2	
0259.02015754+4451367	330	11:58	02:01:57.5	+44:51:37	300	90	3.0	#141 Mapping t	2	
0260.COMP	10	12:04	02:01:57.5	+44:51:37	300	90	3.0	#141 Mapping t	2	
0261.G191B2B	330	12:07	05:05:30.6	+52:49:52	300	-10	3.0	#56 Spectropho	2	
0262.G191B2B	330	12:13	05:05:30.6	+52:49:52	300	-10	3.0	#56 Spectropho	2	
0263.COMP	10	12:19	05:05:30.6	+52:49:52	300	-10	3.0	#56 Spectropho	2	
0264-0273.BIAS	0	12:22	05:05:30.6	+52:49:52	300	60	3.0	#56 Spectropho	2	
0274-0288.FLAT	7	12:28	05:05:30.6	+52:49:52	300	60	3.0	#56 Spectropho	2	
0289-0298.BIAS	0	12:30	05:05:30.6	+52:49:52	300	60	3.0	#56 Spectropho	4	
0299-0303.DARK	900	13:43	05:05:30.6	+52:49:52	300	90	3.0	#56 Spectropho	2	
0304-0308.DARK	900	15:00	05:05:30.6	+52:49:52	300	90	3.0	#56 Spectropho	4	

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0001-0010.DARK	900	00:15	05:05:30.6	+52:49:52	300	90	3.0	#56 Spectropho	2	
0011-0020.BIAS	0	00:46	05:05:30.6	+52:49:52	300	90	3.0	#56 Spectropho	2	
0021-0035.FLAT	7	00:52	05:05:30.6	+52:49:52	300	90	3.0	#56 Spectropho	2	
0036.sky	3	01:27	18:25:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	windy
0037-0040.sky	3	01:28	18:25:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0041.COMP	10	01:28	18:25:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0042.AGDra	10	02:00	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0043.AGDra	60	02:01	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0044.COMP	10	02:02	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0045.CICyg	4	02:04	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0046.CICyg	15	02:04	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0047.COMP	10	02:05	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0048.S4336.98+4258	75	02:06	20:43:37.0	+42:58:07	300	90	3.0	#183 Young Sta	2	redo from last night
0049.COMP	10	02:08	20:43:37.0	+42:58:07	300	90	3.0	#183 Young Sta	2	
0050.BFCyg	15	02:09	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0051.BFCyg	15	02:10	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0052.COMP	10	02:10	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0053.MRK501	180	02:12	16:53:52.1	+39:45:36	300	90	3.0	#6 AGN Monitor	2	
0054.MRK501	180	02:15	16:53:52.1	+39:45:36	300	90	3.0	#6 AGN Monitor	2	
0055.COMP	10	02:18	16:53:52.1	+39:45:36	300	90	3.0	#6 AGN Monitor	2	

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0056.PG1553+113	240	02:20	15:55:43.0	+11:11:24	300	58	3.0	#6 AGN Monitor	2	
0057.PG1553+113	240	02:25	15:55:43.0	+11:11:24	300	58	3.0	#6 AGN Monitor	2	
0058.COMP	10	02:29	15:55:43.0	+11:11:24	300	58	3.0	#6 AGN Monitor	2	
0059.Hen1591	120	02:33	18:07:32.0	-25:53:43	300	30	3.0	#12 Symbiotic	2	
0060.Hen1591	420	02:35	18:07:32.0	-25:53:43	300	30	3.0	#12 Symbiotic	2	
0061.COMP	10	02:42	18:07:32.0	-25:53:43	300	30	3.0	#12 Symbiotic	2	
0062.AS281	90	02:43	18:10:44.0	-27:57:57	300	30	3.0	#12 Symbiotic	2	
0063.AS281	480	02:45	18:10:44.0	-27:57:57	300	30	3.0	#12 Symbiotic	2	
0064.COMP	10	02:54	18:10:44.0	-27:57:57	300	30	3.0	#12 Symbiotic	2	
0065.Hen1674	180	02:55	18:20:19.1	-26:22:46	300	30	3.0	#12 Symbiotic	2	
0066.Hen1674	60	02:59	18:20:19.1	-26:22:46	300	30	3.0	#12 Symbiotic	2	
0067.Hen1674	720	03:00	18:20:19.1	-26:22:46	300	30	3.0	#12 Symbiotic	2	
0068.COMP	10	03:12	18:20:19.1	-26:22:46	300	30	3.0	#12 Symbiotic	2	
0069.18501992-2412569	1200	03:14	18:50:19.9	-24:12:57	300	30	3.0	#141 Mapping t	2	blend of faint gal and superposed star, but gal is in there
0070.COMP	10	03:34	18:50:19.9	-24:12:57	300	30	3.0	#141 Mapping t	2	
0071.18035876-0959248	1200	03:38	18:03:58.8	-09:59:25	300	30	3.0	#141 Mapping t	2	yikes very faint at row 80, also observed 6-30-08
0072.COMP	10	03:59	18:03:58.8	-09:59:25	300	30	3.0	#141 Mapping t	2	
0073.18391431-1656300	1200	04:00	18:39:14.3	-16:56:30	300	30	3.0	#141 Mapping t	2	gal ok at row 80
0074.COMP	10	04:20	18:39:14.3	-16:56:30	300	30	3.0	#141 Mapping t	2	
0075.IFS014	720	04:26	19:41:47.1	+32:13:20	300	90	3.0	#186 IPHAS AGB	2	

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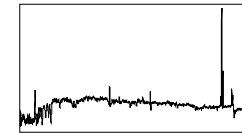
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0076.COMP	10	04:38	19:41:47.1	+32:13:20	300	90	3.0	#186 IPHAS AGB	2	close due to high wind
0077.sn2008fr	1800	09:08	01:11:49.1	+14:38:27	300	35	3.0	#2 SN Observat	2	
0078.COMP	10	09:38	01:11:49.1	+14:38:27	300	35	3.0	#2 SN Observat	2	
0079.01131141+1303063	481	09:40	01:13:11.4	+13:03:06	300	35	3.0	#141 Mapping t	2	
0080.COMP	10	09:48	01:13:11.4	+13:03:06	300	35	3.0	#141 Mapping t	2	
0081.01133344+1131255	360	09:49	01:13:33.4	+11:31:25	300	35	3.0	#141 Mapping t	2	
0082.COMP	10	09:55	01:13:33.4	+11:31:25	300	35	3.0	#141 Mapping t	2	
0083.01151708+1624531	360	09:56	01:15:17.1	+16:24:53	300	35	3.0	#141 Mapping t	2	
0084.COMP	10	10:03	01:15:17.1	+16:24:53	300	35	3.0	#141 Mapping t	2	
0085.01224465+2149274	390	10:04	01:22:44.7	+21:49:27	300	35	3.0	#141 Mapping t	2	
0086.COMP	10	10:11	01:22:44.7	+21:49:27	300	35	3.0	#141 Mapping t	2	
0087.HD19445	25	10:13	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0088.HD19445	25	10:14	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0089.HD19445	25	10:14	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0090.COMP	10	10:15	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0091.02060540+0746449	300	10:16	02:06:05.4	+07:46:45	300	90	3.0	#141 Mapping t	2	
0092.COMP	10	10:22	02:06:05.4	+07:46:45	300	90	3.0	#141 Mapping t	2	
0093.02054886+1154551	300	10:23	02:05:48.9	+11:54:55	300	90	3.0	#141 Mapping t	2	
0094.COMP	10	10:28	02:05:48.9	+11:54:55	300	90	3.0	#141 Mapping t	2	
0095.02034484+1209224	480	10:29	02:03:44.8	+12:09:22	300	80	3.0	#141 Mapping t	2	

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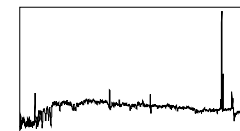
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0096.COMP	10	10:38	02:03:44.8	+12:09:22	300	80	3.0	#141 Mapping t	2	
0097.02102957+1014581	480	10:40	02:10:29.6	+10:14:58	300	90	3.0	#141 Mapping t	2	
0098.COMP	10	10:48	02:10:29.6	+10:14:58	300	90	3.0	#141 Mapping t	2	
0099.02093988+1503239	480	10:49	02:09:39.9	+15:03:24	300	90	3.0	#141 Mapping t	2	
0100.COMP	10	10:57	02:09:39.9	+15:03:24	300	90	3.0	#141 Mapping t	2	
0101.02101160+1931277	330	10:58	02:10:11.6	+19:31:28	300	90	3.0	#141 Mapping t	2	
0102.COMP	10	11:04	02:10:11.6	+19:31:28	300	90	3.0	#141 Mapping t	2	
0103.02110544+1930508	600	11:06	02:11:05.4	+19:30:51	300	90	3.0	#141 Mapping t	2	
0104.COMP	10	11:16	02:11:05.4	+19:30:51	300	90	3.0	#141 Mapping t	2	
0105.02314668+0946342	420	11:18	02:31:46.7	+09:46:34	300	90	3.0	#141 Mapping t	2	
0106.COMP	10	11:25	02:31:46.7	+09:46:34	300	90	3.0	#141 Mapping t	2	
0107.02322221+0851326	540	11:26	02:32:22.2	+08:51:33	300	90	3.0	#141 Mapping t	2	
0108.COMP	10	11:35	02:32:22.2	+08:51:33	300	90	3.0	#141 Mapping t	2	
0109.02335535+1002044	393	11:36	02:33:55.3	+10:02:04	300	90	3.0	#141 Mapping t	2	
0110.COMP	10	11:43	02:33:55.3	+10:02:04	300	90	3.0	#141 Mapping t	2	
0112.COMP	10	11:53	05:05:30.6	+52:49:52	300	15	3.0	#56 Spectropho	2	
0113-0127.FLAT	7	11:59	05:00:00.0	+32:00:00	300	90	3.0	#56 Spectropho	2	
0128.COMP	20	12:02	06:45:54.2	+12:41:37	600	90	2.0	#149 Black Hol	2	600-line, 2-sec, tilt 480, M Torres
0129.HR2489	15	12:04	06:45:54.2	+12:41:37	600	90	2.0	#149 Black Hol	2	
0130.HR2489	15	12:05	06:45:54.2	+12:41:37	600	90	2.0	#149 Black Hol	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0131.HR2489	15	12:05	06:45:54.2	+12:41:37	600	90	2.0	#149 Black Hol	2	
0132.COMP	20	12:06	06:45:54.2	+12:41:37	600	90	2.0	#149 Black Hol	2	
0133.HR2489	15	12:07	06:45:54.2	+12:41:37	600	90	2.0	#149 Black Hol	2	
0134.HR2489	15	12:08	06:45:54.2	+12:41:37	600	90	2.0	#149 Black Hol	2	
0135.HR2489	15	12:08	06:45:54.2	+12:41:37	600	90	2.0	#149 Black Hol	2	
0136.COMP	20	12:09	06:45:54.2	+12:41:37	600	90	2.0	#149 Black Hol	2	
0137.HR2489	25	12:10	06:45:54.2	+12:41:37	600	90	2.0	#149 Black Hol	2	
0138.HR2489	25	12:10	06:45:54.2	+12:41:37	600	90	2.0	#149 Black Hol	2	
0139.HR2489	25	12:11	06:45:54.2	+12:41:37	600	90	2.0	#149 Black Hol	2	
0140.COMP	20	12:12	06:45:54.2	+12:41:37	600	90	2.0	#149 Black Hol	2	
0141-0150.FLAT	23	12:18	06:45:54.2	+12:41:37	600	90	2.0	#149 Black Hol	2	
0152.test	10	12:24	18:25:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0153.test	10	12:27	18:25:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0154.test	10	12:29	18:25:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0155-0164.DARK	900	14:51	18:25:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0008.DARK	900	01:41	16:45:04.9	+31:31:23	300	90	3.0	#57 Velocity S	2	
0009-0018.BIAS	0	02:08	16:45:04.9	+31:31:23	300	90	3.0	#149 Black Hol	2	
0019-0038.FLAT	7	02:20	16:45:04.9	+31:31:23	300	90	3.0	#149 Black Hol	2	
0039.IFS011	1200	02:29	21:15:16.0	+55:29:23	300	90	3.0	#186 IPHAS AGB	2	
0040.COMP	10	02:50	21:15:16.0	+55:29:23	300	90	3.0	#186 IPHAS AGB	2	
0041-0050.DARK	900	13:21	19:54:39.4	+32:08:35	300	90	3.0	#186 IPHAS AGB	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	02:08	19:54:39.4	+32:08:35	300	90	3.0	#186 IPHAS AGB	2	
0011-0020.BIAS	0	02:27	19:54:39.4	+32:08:35	300	90	3.0	#149 Black Hol	2	
0021-0040.FLAT	7	03:42	19:54:39.4	+32:08:35	300	90	3.0	#149 Black Hol	2	
0041.BDp284211	70	05:08	21:51:11.0	+28:51:50	300	51	3.0	#56 Spectropho	2	
0042.COMP	10	05:09	21:51:11.0	+28:51:50	300	51	3.0	#56 Spectropho	2	
0043.BDp174708	25	05:11	22:11:31.4	+18:05:34	300	0	3.0	#56 Spectropho	2	
0044.COMP	10	05:12	22:11:31.4	+18:05:34	300	0	3.0	#56 Spectropho	2	
0045.IFC027	720	05:19	19:54:35.4	+32:27:51	300	90	3.0	#186 IPHAS AGB	2	clouds? try again...
0046.COMP	10	05:33	19:54:35.4	+32:27:51	300	90	3.0	#186 IPHAS AGB	2	
0047.IFC027	1020	05:34	19:54:35.4	+32:27:51	300	90	3.0	#186 IPHAS AGB	2	row=91
0048.COMP	10	05:52	19:54:35.4	+32:27:51	300	90	3.0	#186 IPHAS AGB	2	
0049.IFC028	1080	05:53	19:53:40.8	+32:29:37	300	90	3.0	#186 IPHAS AGB	2	row=92
0050.COMP	10	06:12	19:53:40.8	+32:29:37	300	90	3.0	#186 IPHAS AGB	2	
0051.IFC029	1080	06:14	19:53:24.0	+32:47:56	300	90	3.0	#186 IPHAS AGB	2	row=83
0052.COMP	10	06:32	19:53:24.0	+32:47:56	300	90	3.0	#186 IPHAS AGB	2	
0053.IFC030	900	06:34	19:55:18.0	+31:38:02	300	90	3.0	#186 IPHAS AGB	2	row=79
0054.COMP	10	06:50	19:55:18.0	+31:38:02	300	90	3.0	#186 IPHAS AGB	2	
0055.S3845.87+4207	300	06:52	20:38:45.9	+42:07:05	300	90	3.0	#183 Young Sta	2	
0056.COMP	10	06:57	20:38:45.9	+42:07:05	300	90	3.0	#183 Young Sta	2	
0057.S3844.85+4207	270	06:59	20:38:44.8	+42:07:01	300	90	3.0	#183 Young Sta	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0058.COMP	10	07:04	20:38:44.8	+42:07:01	300	90	3.0	#183 Young Sta	2	
0059.S3912.73+4220	480	07:05	20:39:12.7	+42:20:55	300	90	3.0	#183 Young Sta	2	
0060.COMP	10	07:14	20:39:12.7	+42:20:55	300	90	3.0	#183 Young Sta	2	
0061.S4455.38+4217	1500	07:15	20:44:55.4	+42:17:17	300	90	3.0	#183 Young Sta	2	
0062.COMP	10	07:40	20:44:55.4	+42:17:17	300	90	3.0	#183 Young Sta	2	
0063.BLLac	180	07:42	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	
0064.BLLac	180	07:46	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	
0065.COMP	10	07:49	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	
0066.N7469	120	07:51	23:03:15.7	+08:52:27	300	80	3.0	#6 AGN Monitor	2	
0067.N7469	120	07:53	23:03:15.7	+08:52:27	300	80	3.0	#6 AGN Monitor	2	
0068.COMP	10	07:56	23:03:15.7	+08:52:27	300	80	3.0	#6 AGN Monitor	2	
0069.RAqr	1	07:58	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0070.RAqr	5	07:58	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0071.RAqr	10	07:59	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0072.COMP	10	07:59	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0073.ZAnd	1	08:02	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0074.ZAnd	5	08:02	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0075.ZAnd	30	08:02	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0076.ZAnd	30	08:04	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0077.COMP	10	08:05	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0078.IPHASB_3892	300	08:06	22:00:33.2	+55:27:50	300	90	3.0	#157 IPHAS	2	
0079.COMP	10	08:12	22:00:33.2	+55:27:50	300	90	3.0	#157 IPHAS	2	
0080.IPHASB_3896	150	08:13	22:01:17.2	+54:14:51	300	90	3.0	#157 IPHAS	2	
0081.COMP	10	08:16	22:01:17.2	+54:14:51	300	90	3.0	#157 IPHAS	2	
0082.IPHASB_3897	480	08:18	22:01:17.7	+57:48:30	300	90	3.0	#157 IPHAS	2	
0083.COMP	10	08:27	22:01:17.7	+57:48:30	300	90	3.0	#157 IPHAS	2	
0084.IPHASB_3899	150	08:28	22:01:51.2	+59:29:01	300	90	3.0	#157 IPHAS	2	
0085.COMP	10	08:31	22:01:51.2	+59:29:01	300	90	3.0	#157 IPHAS	2	
0086.IPHASB_3902	60	08:32	22:02:15.5	+52:46:54	300	90	3.0	#157 IPHAS	2	
0087.COMP	10	08:34	22:02:15.5	+52:46:54	300	90	3.0	#157 IPHAS	2	
0088.IPHASB_3903	300	08:35	22:02:27.8	+55:42:02	300	90	3.0	#157 IPHAS	2	
0089.COMP	10	08:41	22:02:27.8	+55:42:02	300	90	3.0	#157 IPHAS	2	
0090.XS04963B7_004	2400	08:44	01:18:50.7	-01:02:15	300	90	3.0	#129 ChaMP Sou	2	row=80
0091.COMP	10	09:26	01:18:50.7	-01:02:15	300	90	3.0	#129 ChaMP Sou	2	
0092.XS04083B2_002	2400	09:28	02:29:09.7	+01:00:43	300	90	3.0	#129 ChaMP Sou	2	
0093.COMP	10	10:10	02:29:09.7	+01:00:43	300	90	3.0	#129 ChaMP Sou	2	
0094.sn2008fu	1800	10:13	03:02:28.5	-24:27:21	300	4	3.0	#2 SN Observat	2	
0095.COMP	10	10:44	03:02:28.5	-24:27:21	300	4	3.0	#2 SN Observat	2	
0096.XS00902B6_012	2400	10:51	04:54:32.3	-02:54:17	300	90	3.0	#129 ChaMP Sou	2	row=77, too faint to try again
0097.COMP	10	11:32	04:54:32.3	-02:54:17	300	90	3.0	#129 ChaMP Sou	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0098.03093318+4251198	240	11:34	03:09:33.2	+42:51:20	300	90	3.0	#141 Mapping t	2	
0099.COMP	10	11:39	03:09:33.2	+42:51:20	300	90	3.0	#141 Mapping t	2	
0100.03100100+4256047	360	11:40	03:10:01.0	+42:56:05	300	90	3.0	#141 Mapping t	2	
0101.COMP	10	11:47	03:10:01.0	+42:56:05	300	90	3.0	#141 Mapping t	2	
0102.03101214+1913163	180	11:49	03:10:12.1	+19:13:16	300	90	3.0	#141 Mapping t	2	
0103.COMP	10	11:52	03:10:12.1	+19:13:16	300	90	3.0	#141 Mapping t	2	
0104.03105147+2710076	360	11:55	03:10:51.5	+27:10:08	300	90	3.0	#141 Mapping t	2	
0105.COMP	10	12:02	03:10:51.5	+27:10:08	300	90	3.0	#141 Mapping t	2	
0106.03110637+4236545	300	12:04	03:11:06.4	+42:36:54	300	90	3.0	#141 Mapping t	2	
0107.COMP	10	12:10	03:11:06.4	+42:36:54	300	90	3.0	#141 Mapping t	2	
0108.NGC1700	180	12:14	04:56:56.3	-04:51:57	300	90	3.0	#57 Velocity S	2	
0109.COMP	10	12:18	04:56:56.3	-04:51:57	300	90	3.0	#57 Velocity S	2	
0110.GITau	240	12:20	04:33:34.0	+24:21:18	300	90	3.0	#12 Symbiotic	2	
0111.COMP	10	12:24	04:33:34.0	+24:21:18	300	90	3.0	#12 Symbiotic	2	
0112-0121.BIAS	0	12:29	04:33:34.0	+24:21:18	300	90	3.0	#56 Spectropho	2	
0122-0141.FLAT	7	12:36	04:33:34.0	+24:21:18	300	90	3.0	#56 Spectropho	2	
0142-0151.DARK	900	14:56	04:33:34.0	+24:21:18	300	90	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0007.DARK	900	01:24	04:33:34.0	+24:21:18	300	90	3.0	#56 Spectropho	2	
0008-0017.BIAS	0	01:49	04:33:34.0	+24:21:18	300	90	3.0	#56 Spectropho	2	
0018-0037.FLAT	7	01:56	04:33:34.0	+24:21:18	300	90	3.0	#56 Spectropho	2	
0038.18035876-0959248	2400	02:22	18:03:58.8	-09:59:25	300	90	3.0	#141 Mapping t	2	row=78
0039.COMP	10	03:04	18:03:58.8	-09:59:25	300	90	3.0	#141 Mapping t	2	
0040.SDSS2136+0041	1200	03:13	21:36:38.6	+00:41:54	300	90	3.0	#165 Quasar Br	2	
0041.SDSS2136+0041	1200	03:34	21:36:38.6	+00:41:54	300	90	3.0	#165 Quasar Br	2	
0042.SDSS2136+0041	1200	03:54	21:36:38.6	+00:41:54	300	90	3.0	#165 Quasar Br	2	
0043.COMP	10	04:15	21:36:38.6	+00:41:54	300	90	3.0	#165 Quasar Br	2	
0044.SDSS2215-0045	1200	04:39	22:15:11.9	-00:45:50	300	90	3.0	#165 Quasar Br	2	clouds passing through
0045.SDSS2215-0045	1200	04:59	22:15:11.9	-00:45:50	300	90	3.0	#165 Quasar Br	2	clouds...
0046.SDSS2215-0045	1200	05:19	22:15:11.9	-00:45:50	300	90	3.0	#165 Quasar Br	2	
0047.COMP	10	05:45	22:15:11.9	-00:45:50	300	90	3.0	#165 Quasar Br	2	
0048.BDp284211	80	05:48	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0049.COMP	10	05:50	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0050.BDp174708	25	05:51	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0051.COMP	10	05:52	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0052.SDSS2313+0034	1200	05:55	23:13:24.5	+00:34:45	300	90	3.0	#165 Quasar Br	2	
0053.SDSS2313+0034	1200	06:15	23:13:24.5	+00:34:45	300	90	3.0	#165 Quasar Br	2	
0054.SDSS2313+0034	1200	06:35	23:13:24.5	+00:34:45	300	90	3.0	#165 Quasar Br	2	

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0055.COMP	10	06:56	23:13:24.5	+00:34:45	300	90	3.0	#165 Quasar Br	2	
0056.SDSS0045+1438	1500	06:58	00:45:27.7	+14:38:16	300	90	3.0	#165 Quasar Br	2	
0057.SDSS0045+1438	1500	07:23	00:45:27.7	+14:38:16	300	90	3.0	#165 Quasar Br	2	
0058.SDSS0045+1438	1500	07:48	00:45:27.7	+14:38:16	300	90	3.0	#165 Quasar Br	2	
0059.COMP	10	08:14	00:45:27.7	+14:38:16	300	90	3.0	#165 Quasar Br	2	
0060.SDSS0132-0027	1200	08:16	01:32:35.3	-00:27:05	300	90	3.0	#165 Quasar Br	2	
0061.SDSS0132-0027	1200	08:36	01:32:35.3	-00:27:05	300	90	3.0	#165 Quasar Br	2	
0062.SDSS0132-0027	1200	08:56	01:32:35.3	-00:27:05	300	90	3.0	#165 Quasar Br	2	
0063.COMP	10	09:17	01:32:35.3	-00:27:05	300	90	3.0	#165 Quasar Br	2	
0064.M32	30	09:18	00:42:41.8	+40:51:55	300	90	3.0	#57 Velocity S	2	
0065.COMP	10	09:19	00:42:41.8	+40:51:55	300	90	3.0	#57 Velocity S	2	
0066.IPHASB_1179	360	09:22	01:00:45.6	+63:17:40	300	90	3.0	#157 IPHAS	2	
0067.COMP	10	09:35	01:00:45.6	+63:17:40	300	90	3.0	#157 IPHAS	2	
0068.IPHASB_1181	150	09:37	01:01:50.2	+60:39:18	300	90	3.0	#157 IPHAS	2	
0069.COMP	10	09:40	01:01:50.2	+60:39:18	300	90	3.0	#157 IPHAS	2	
0070.IPHASB_1182	210	09:42	01:02:32.4	+60:26:15	300	90	3.0	#157 IPHAS	2	row=79
0071.COMP	10	09:46	01:02:32.4	+60:26:15	300	90	3.0	#157 IPHAS	2	
0072.IPHASB_1185	330	09:47	01:03:16.6	+61:37:01	300	90	3.0	#157 IPHAS	2	
0073.COMP	10	09:53	01:03:16.6	+61:37:01	300	90	3.0	#157 IPHAS	2	
0074.IPHASB_1193	180	09:54	01:06:22.5	+62:10:31	300	90	3.0	#157 IPHAS	2	

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0075.COMP	10	09:58	01:06:22.5	+62:10:31	300	90	3.0	#157 IPHAS	2	
0076.IPHASB_1194	180	09:59	01:07:07.7	+62:51:17	300	90	3.0	#157 IPHAS	2	
0077.COMP	10	10:21	01:07:07.7	+62:51:17	300	90	3.0	#157 IPHAS	2	
0078.IFS002	600	10:24	04:28:26.8	+47:00:15	300	90	3.0	#186 IPHAS AGB	2	
0079.COMP	10	10:34	04:28:26.8	+47:00:15	300	90	3.0	#186 IPHAS AGB	2	
0080.IFC001	1020	10:36	04:28:04.9	+46:59:34	300	90	3.0	#186 IPHAS AGB	2	
0081.COMP	10	10:53	04:28:04.9	+46:59:34	300	90	3.0	#186 IPHAS AGB	2	
0082.IFC006	420	10:55	05:18:09.3	+36:55:09	300	90	3.0	#186 IPHAS AGB	2	
0083.COMP	10	11:02	05:18:09.3	+36:55:09	300	90	3.0	#186 IPHAS AGB	2	
0084.IPHASB_1432	600	11:06	02:23:33.6	+61:09:51	300	90	3.0	#157 IPHAS	2	
0085.COMP	10	11:16	02:23:33.6	+61:09:51	300	90	3.0	#157 IPHAS	2	
0086.IPHASB_1433	240	11:17	02:23:37.1	+60:16:03	300	90	3.0	#157 IPHAS	2	
0087.COMP	10	11:22	02:23:37.1	+60:16:03	300	90	3.0	#157 IPHAS	2	
0088.IPHASB_1434	150	11:23	02:23:44.4	+59:22:39	300	90	3.0	#157 IPHAS	2	
0089.COMP	10	11:26	02:23:44.4	+59:22:39	300	90	3.0	#157 IPHAS	2	
0090.IPHASB_1435	60	11:27	02:24:20.7	+62:48:43	300	90	3.0	#157 IPHAS	2	
0091.COMP	10	11:29	02:24:20.7	+62:48:43	300	90	3.0	#157 IPHAS	2	
0092.IPHASB_1437	600	11:30	02:24:31.5	+62:33:34	300	90	3.0	#157 IPHAS	2	
0093.COMP	10	11:41	02:24:31.5	+62:33:34	300	90	3.0	#157 IPHAS	2	
0094.IPHASB_1438	300	11:43	02:24:35.8	+65:54:46	300	90	3.0	#157 IPHAS	2	

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0095.COMP	12	11:48	02:24:35.8	+65:54:46	300	90	3.0	#157 IPHAS	2	
0096.IPHASB_1439	60	11:49	02:25:02.7	+64:49:48	300	90	3.0	#157 IPHAS	2	
0097.COMP	10	11:51	02:25:02.7	+64:49:48	300	90	3.0	#157 IPHAS	2	
0098.IPHASB_1440	600	11:52	02:25:58.8	+58:36:26	300	90	3.0	#157 IPHAS	2	
0099.COMP	10	12:03	02:25:58.8	+58:36:26	300	90	3.0	#157 IPHAS	2	
0100.IPHASB_1441	180	12:04	02:26:18.8	+61:59:53	300	90	3.0	#157 IPHAS	2	
0101.COMP	10	12:07	02:26:18.8	+61:59:53	300	90	3.0	#157 IPHAS	2	
0102.IPHASB_1442	180	12:08	02:26:36.0	+60:14:02	300	90	3.0	#157 IPHAS	2	
0103.COMP	12	12:12	02:26:36.0	+60:14:02	300	90	3.0	#157 IPHAS	2	
0104.IPHASB_1445	50	12:13	02:27:18.6	+60:15:25	300	90	3.0	#157 IPHAS	2	
0105.COMP	10	12:14	02:27:18.6	+60:15:25	300	90	3.0	#12 Symbiotic	2	
0106.BGGem	300	12:16	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0107.COMP	10	12:21	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0108.GKTau	240	12:23	04:33:34.5	+24:21:07	300	90	3.0	#12 Symbiotic	2	
0109.COMP	10	12:27	04:33:34.5	+24:21:07	300	90	3.0	#12 Symbiotic	2	
0110-0119.BIAS	0	12:32	04:33:34.5	+24:21:07	300	90	3.0	#56 Spectropho	2	
0120-0139.FLAT	7	12:38	04:33:34.5	+24:21:07	300	90	3.0	#56 Spectropho	2	
0140-0149.DARK	900	14:58	04:33:34.5	+24:21:07	300	90	3.0	#56 Spectropho	2	

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0001-0010.BIAS	0	01:39	18:38:54.0	+31:29:55	300	90	3.0	#56 Spectropho	2	
0011-0025.FLAT	7	01:44	18:38:54.0	+31:29:55	300	90	3.0	#56 Spectropho	2	
0026-0029.DARK	900	02:58	18:38:54.0	+31:29:55	300	90	3.0	#56 Spectropho	2	
0030.DARK	900	03:14	18:38:54.0	+31:29:55	300	90	3.0	#56 Spectropho	2	clouds, rain
0031.BFCyg	25	03:39	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0032.BFCyg	25	03:39	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	clearing, windy
0033.COMP	10	03:40	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0034.CICyg	5	03:41	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0035.CICyg	20	03:42	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0036.COMP	10	03:42	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0037.1ES1959p650	300	03:46	19:59:59.8	+65:08:55	300	-20	3.0	#6 AGN Monitor	2	
0038.1ES1959p650	300	03:51	19:59:59.8	+65:08:55	300	-20	3.0	#6 AGN Monitor	2	
0039.COMP	10	03:56	19:59:59.8	+65:08:55	300	-20	3.0	#6 AGN Monitor	2	
0040.S3709.30+4212	363	03:59	20:37:09.3	+42:12:12	300	-15	3.0	#183 Young Sta	2	
0041.COMP	10	04:06	20:37:09.3	+42:12:12	300	-15	3.0	#183 Young Sta	2	
0042.S3830.41+4228	420	04:06	20:38:30.4	+42:28:26	300	0	3.0	#183 Young Sta	2	
0043.COMP	10	04:14	20:38:30.4	+42:28:26	300	0	3.0	#183 Young Sta	2	
0044.S4107.21+4241	660	04:15	20:41:07.2	+42:41:54	300	0	3.0	#183 Young Sta	2	
0045.COMP	10	04:26	20:41:07.2	+42:41:54	300	0	3.0	#183 Young Sta	2	
0046.S4008.61+4258	803	04:27	20:40:08.6	+42:58:19	300	0	3.0	#183 Young Sta	2	comp star 15-arcsec to north also in slit at row 64

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0047.COMP	10	04:41	20:40:08.6	+42:58:19	300	0	3.0	#183 Young Sta	2	
0048.BDp284211	120	04:49	21:51:11.0	+28:51:50	300	0	3.0	#56 Spectropho	2	telescope secondary problems
0049.BDp284211	120	04:51	21:51:11.0	+28:51:50	300	0	3.0	#56 Spectropho	2	
0050.COMP	10	04:53	21:51:11.0	+28:51:50	300	0	3.0	#56 Spectropho	2	
0051.BDp174708	60	04:54	22:11:31.4	+18:05:34	300	0	3.0	#56 Spectropho	2	
0052.BDp174708	60	04:56	22:11:31.4	+18:05:34	300	0	3.0	#56 Spectropho	2	
0053.BDp174708	60	04:57	22:11:31.4	+18:05:34	300	0	3.0	#56 Spectropho	2	
0054.COMP	10	04:58	22:11:31.4	+18:05:34	300	0	3.0	#56 Spectropho	2	
0055.BLLac	180	05:00	22:02:43.3	+42:16:40	300	0	3.0	#6 AGN Monitor	2	
0056.BLLac	180	05:03	22:02:43.3	+42:16:40	300	0	3.0	#6 AGN Monitor	2	
0057.COMP	10	05:07	22:02:43.3	+42:16:40	300	0	3.0	#6 AGN Monitor	2	
0058.S3850.49+4218	1200	05:09	20:38:50.5	+42:18:10	300	90	3.0	#183 Young Sta	2	target is brighter S comp of close N-S pair
0059.COMP	10	05:29	20:38:50.5	+42:18:10	300	90	3.0	#183 Young Sta	2	
0060.S3843.74+4206	1200	05:30	20:38:43.7	+42:06:46	300	90	3.0	#183 Young Sta	2	
0061.COMP	10	05:51	20:38:43.7	+42:06:46	300	90	3.0	#183 Young Sta	2	
0062.S3736.43+4211	1200	05:52	20:37:36.4	+42:11:54	300	70	3.0	#183 Young Sta	2	
0063.COMP	10	06:12	20:37:36.4	+42:11:54	300	70	3.0	#183 Young Sta	2	
0064.S3959.49+4254	1200	06:14	20:39:59.5	+42:54:57	300	90	3.0	#183 Young Sta	2	
0065.COMP	10	06:34	20:39:59.5	+42:54:57	300	90	3.0	#183 Young Sta	2	
0066.ZAnd	3	06:37	23:33:40.0	+48:49:06	300	0	3.0	#12 Symbiotic	2	

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0067.ZAnd	40	06:37	23:33:40.0	+48:49:06	300	0	3.0	#12 Symbiotic	2	
0068.ZAnd	6	06:38	23:33:40.0	+48:49:06	300	0	3.0	#12 Symbiotic	2	
0069.COMP	10	06:38	23:33:40.0	+48:49:06	300	0	3.0	#12 Symbiotic	2	
0070.1ES2344p514	360	06:40	23:47:04.6	+51:42:18	300	0	3.0	#6 AGN Monitor	2	
0071.1ES2344p514	360	06:47	23:47:04.6	+51:42:18	300	0	3.0	#6 AGN Monitor	2	
0072.COMP	10	06:53	23:47:04.6	+51:42:18	300	0	3.0	#6 AGN Monitor	2	
0073.IPHASB_4487	360	06:55	23:57:34.8	+64:46:49	300	0	3.0	#157 IPHAS	2	
0074.COMP	10	07:01	23:57:34.8	+64:46:49	300	0	3.0	#157 IPHAS	2	
0075.IPHASB_4489	210	07:02	23:58:04.3	+63:14:59	300	0	3.0	#157 IPHAS	2	
0076.COMP	10	07:06	23:58:04.3	+63:14:59	300	0	3.0	#157 IPHAS	2	
0077.IPHASB_4490	360	07:07	23:58:40.5	+64:13:32	300	0	3.0	#157 IPHAS	2	
0078.COMP	10	07:13	23:58:40.5	+64:13:32	300	0	3.0	#157 IPHAS	2	
0079.IPHASB_4491	480	07:14	23:58:56.4	+62:46:53	300	0	3.0	#157 IPHAS	2	
0080.COMP	10	07:23	23:58:56.4	+62:46:53	300	0	3.0	#157 IPHAS	2	
0081.IPHASB_4493	420	07:24	23:59:20.0	+66:23:12	300	0	3.0	#157 IPHAS	2	
0082.COMP	10	07:31	23:59:20.0	+66:23:12	300	0	3.0	#157 IPHAS	2	
0083.IPHASB_1002	300	07:32	00:00:39.0	+62:33:17	300	0	3.0	#157 IPHAS	2	
0084.COMP	10	07:37	00:00:39.0	+62:33:17	300	0	3.0	#157 IPHAS	2	
0085.IPHASB_1005	420	07:38	00:02:20.2	+59:45:39	300	0	3.0	#157 IPHAS	2	
0086.COMP	10	07:46	00:02:20.2	+59:45:39	300	0	3.0	#157 IPHAS	2	

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0087.sn2008fr	1800	07:48	01:11:49.1	+14:38:27	300	0	3.0	#2 SN Observat	2	
0088.COMP	10	08:18	01:11:49.1	+14:38:27	300	0	3.0	#2 SN Observat	2	
0089.02021463-0700299	600	08:22	02:02:14.6	-07:00:30	300	0	3.0	#141 Mapping t	2	
0090.COMP	10	08:32	02:02:14.6	-07:00:30	300	0	3.0	#141 Mapping t	2	
0091.02221507-0614193	330	08:33	02:22:15.1	-06:14:19	300	0	3.0	#141 Mapping t	2	
0092.COMP	10	08:39	02:22:15.1	-06:14:19	300	0	3.0	#141 Mapping t	2	
0093.02231931-1651584	480	08:40	02:23:19.3	-16:51:58	300	0	3.0	#141 Mapping t	2	
0094.COMP	10	08:49	02:23:19.3	-16:51:58	300	0	3.0	#141 Mapping t	2	
0095.02382311-1144215	330	08:50	02:38:23.1	-11:44:21	300	0	3.0	#141 Mapping t	2	
0096.COMP	10	08:56	02:38:23.1	-11:44:21	300	0	3.0	#141 Mapping t	2	
0097.02252004-0544181	332	08:57	02:25:20.0	-05:44:18	300	0	3.0	#141 Mapping t	2	
0098.COMP	10	09:03	02:25:20.0	-05:44:18	300	0	3.0	#141 Mapping t	2	
0099.02274373-0344054	424	09:04	02:27:43.7	-03:44:05	300	0	3.0	#141 Mapping t	2	
0100.COMP	10	09:11	02:27:43.7	-03:44:05	300	0	3.0	#141 Mapping t	2	
0101.02214051+0015188	245	09:13	02:21:40.5	+00:15:19	300	0	3.0	#141 Mapping t	2	
0102.COMP	10	09:17	02:21:40.5	+00:15:19	300	0	3.0	#141 Mapping t	2	
0103.A00235+16	360	09:18	02:38:38.9	+16:36:59	300	0	3.0	#6 AGN Monitor	2	
0104.A00235+16	360	09:25	02:38:38.9	+16:36:59	300	0	3.0	#6 AGN Monitor	2	
0105.COMP	10	09:31	02:38:38.9	+16:36:59	300	0	3.0	#6 AGN Monitor	2	
0106.HD19445	20	09:32	03:08:25.6	+26:19:51	300	0	3.0	#56 Spectropho	2	

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0107.HD19445	20	09:33	03:08:25.6	+26:19:51	300	0	3.0	#56 Spectropho	2	
0108.HD19445	20	09:33	03:08:25.6	+26:19:51	300	0	3.0	#56 Spectropho	2	
0109.COMP	10	09:34	03:08:25.6	+26:19:51	300	0	3.0	#56 Spectropho	2	
0110.3C66A	240	09:35	02:22:39.6	+43:02:08	300	0	3.0	#6 AGN Monitor	2	
0111.3C66A	240	09:40	02:22:39.6	+43:02:08	300	0	3.0	#6 AGN Monitor	2	
0112.COMP	10	09:44	02:22:39.6	+43:02:08	300	0	3.0	#6 AGN Monitor	2	
0113.LSIp61303	30	09:45	02:40:31.6	+61:13:46	300	0	3.0	#6 AGN Monitor	2	
0114.LSIp61303	30	09:46	02:40:31.6	+61:13:46	300	0	3.0	#6 AGN Monitor	2	
0115.COMP	10	09:47	02:40:31.6	+61:13:46	300	0	3.0	#6 AGN Monitor	2	
0116.IPHASB_1448	780	09:49	02:27:44.6	+61:40:30	300	0	3.0	#157 IPHAS	2	
0117.COMP	10	10:03	02:27:44.6	+61:40:30	300	0	3.0	#157 IPHAS	2	
0118.IPHASB_1450	960	10:04	02:28:21.7	+64:12:16	300	0	3.0	#157 IPHAS	2	target at row 77, brighter star at row 92
0119.COMP	10	10:20	02:28:21.7	+64:12:16	300	0	3.0	#157 IPHAS	2	
0120.IPHASB_1454	240	10:21	02:29:13.6	+63:32:25	300	0	3.0	#157 IPHAS	2	
0121.COMP	10	10:26	02:29:13.6	+63:32:25	300	0	3.0	#157 IPHAS	2	
0122.IPHASB_1456	240	10:27	02:29:35.9	+61:15:57	300	0	3.0	#157 IPHAS	2	
0123.COMP	10	10:31	02:29:35.9	+61:15:57	300	0	3.0	#157 IPHAS	2	
0124.IPHASB_1457	300	10:32	02:29:53.8	+63:07:42	300	0	3.0	#157 IPHAS	2	
0125.COMP	10	10:37	02:29:53.8	+63:07:42	300	0	3.0	#157 IPHAS	2	
0126.IPHASB_1458	960	10:39	02:30:03.2	+64:38:29	300	0	3.0	#157 IPHAS	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0127.COMP	10	10:55	02:30:03.2	+64:38:29	300	0	3.0	#157 IPHAS	2	
0128.IPHASB_1461	360	10:56	02:30:31.4	+59:41:27	300	0	3.0	#157 IPHAS	2	
0129.COMP	10	11:02	02:30:31.4	+59:41:27	300	0	3.0	#157 IPHAS	2	
0130.IPHASB_1462	360	11:03	02:30:35.1	+61:00:06	300	0	3.0	#157 IPHAS	2	
0131.COMP	10	11:10	02:30:35.1	+61:00:06	300	0	3.0	#157 IPHAS	2	
0132.IPHASB_1464	300	11:10	02:31:50.0	+60:49:52	300	0	3.0	#157 IPHAS	2	
0133.COMP	10	11:16	02:31:50.0	+60:49:52	300	0	3.0	#157 IPHAS	2	
0134.IPHASB_1468	240	11:17	02:32:35.1	+64:05:23	300	0	3.0	#157 IPHAS	2	
0135.COMP	10	11:21	02:32:35.1	+64:05:23	300	0	3.0	#157 IPHAS	2	
0136.IPHASB_1469	420	11:22	02:32:50.5	+61:28:57	300	0	3.0	#157 IPHAS	2	
0137.COMP	10	11:29	02:32:50.5	+61:28:57	300	0	3.0	#157 IPHAS	2	
0138.IPHASB_1482	1020	11:30	02:35:23.9	+63:03:02	300	0	3.0	#157 IPHAS	2	
0139.COMP	10	11:48	02:35:23.9	+63:03:02	300	0	3.0	#157 IPHAS	2	
0140.IPHASB_1486	1020	11:49	02:36:29.2	+63:42:46	300	0	3.0	#157 IPHAS	2	
0141.COMP	10	12:06	02:36:29.2	+63:42:46	300	0	3.0	#157 IPHAS	2	
0142.IPHASB_1474	240	12:07	02:34:10.3	+61:24:40	300	0	3.0	#157 IPHAS	2	
0143.COMP	10	12:11	02:34:10.3	+61:24:40	300	0	3.0	#157 IPHAS	2	
0144.IPHASB_1475	180	12:12	02:34:12.0	+59:56:34	300	0	3.0	#157 IPHAS	2	
0145.COMP	10	12:15	02:34:12.0	+59:56:34	300	0	3.0	#157 IPHAS	2	
0146.HD52071	8	12:19	07:00:58.2	+27:09:27	300	90	3.0	#57 Velocity S	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0147.HD52071	8	12:19	07:00:58.2	+27:09:27	300	90	3.0	#57 Velocity S	2	
0148.HD52071	8	12:20	07:00:58.2	+27:09:27	300	90	3.0	#57 Velocity S	2	
0149.HD52071	8	12:20	07:00:58.2	+27:09:27	300	90	3.0	#57 Velocity S	2	
0150.HD52071	8	12:21	07:00:58.2	+27:09:27	300	90	3.0	#57 Velocity S	2	
0151.COMP	10	12:21	07:00:58.2	+27:09:27	300	90	3.0	#57 Velocity S	2	
0152-0161.BIAS	0	12:25	07:00:58.2	+27:09:27	300	90	3.0	#56 Spectropho	2	
0162-0176.FLAT	7	12:30	07:00:58.2	+27:09:27	300	90	3.0	#56 Spectropho	2	
0177-0181.DARK	900	13:42	07:00:58.2	+27:09:27	300	90	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	00:39	18:25:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0011-0025.FLAT	7	00:45	18:25:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0026-0029.DARK	900	01:39	18:25:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0030.DARK	900	01:55	18:25:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	opened for sucker hole but telescope focus control is broken
0031.BDp174708	60	06:26	22:11:31.4	+18:05:34	300	52	3.0	#56 Spectropho	2	
0032.BDp174708	60	06:27	22:11:31.4	+18:05:34	300	52	3.0	#56 Spectropho	2	
0033.BDp174708	60	06:29	22:11:31.4	+18:05:34	300	52	3.0	#56 Spectropho	2	
0034.COMP	10	06:30	22:11:31.4	+18:05:34	300	52	3.0	#56 Spectropho	2	
0035.BDp284211	120	06:32	21:51:11.0	+28:51:50	300	77	3.0	#56 Spectropho	2	
0036.BDp284211	120	06:34	21:51:11.0	+28:51:50	300	77	3.0	#56 Spectropho	2	
0037.COMP	10	06:36	21:51:11.0	+28:51:50	300	77	3.0	#56 Spectropho	2	
0038.225m280	240	06:38	00:44:29.8	+41:21:25	300	90	3.0	#57 Velocity S	2	
0039.COMP	10	06:43	00:44:29.8	+41:21:25	300	90	3.0	#57 Velocity S	2	
0040.IFC019	660	06:45	21:16:16.7	+55:46:40	300	90	3.0	#186 IPHAS AGB	2	
0041.COMP	10	06:56	21:16:16.7	+55:46:40	300	90	3.0	#186 IPHAS AGB	2	
0042.01211031+2201464	300	06:58	01:21:10.3	+22:01:46	300	90	3.0	#141 Mapping t	2	
0043.COMP	10	07:03	01:21:10.3	+22:01:46	300	90	3.0	#141 Mapping t	2	
0044.01162995+3120469	360	07:04	01:16:30.0	+31:20:47	300	90	3.0	#141 Mapping t	2	
0045.COMP	10	07:10	01:16:30.0	+31:20:47	300	90	3.0	#141 Mapping t	2	
0046.01191343+3146260	390	07:11	01:19:13.4	+31:46:26	300	90	3.0	#141 Mapping t	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0047.COMP	10	07:18	01:19:13.4	+31:46:26	300	90	3.0	#141 Mapping t	2	computer crash and reboot
0049.01190196+4330420	720	07:31	01:19:02.0	+43:30:42	300	90	3.0	#141 Mapping t	2	
0050.COMP	10	07:44	01:19:02.0	+43:30:42	300	90	3.0	#141 Mapping t	2	
0051.01210811+4518362	660	07:46	01:21:08.1	+45:18:36	300	90	3.0	#141 Mapping t	2	
0052.COMP	10	07:57	01:21:08.1	+45:18:36	300	90	3.0	#141 Mapping t	2	
0053.01204281+5016321	360	07:58	01:20:42.8	+50:16:32	300	95	3.0	#141 Mapping t	2	
0054.COMP	10	08:05	01:20:42.8	+50:16:32	300	95	3.0	#141 Mapping t	2	
0055.01225847+5002008	660	08:06	01:22:58.5	+50:02:01	300	90	3.0	#141 Mapping t	2	
0056.COMP	10	08:17	01:22:58.5	+50:02:01	300	90	3.0	#141 Mapping t	2	
0057.HD18352	5	08:20	02:59:47.4	+61:17:24	300	0	3.0	#179 OB Stars	2	
0058.COMP	10	08:21	02:59:47.4	+61:17:24	300	0	3.0	#179 OB Stars	2	
0059.kep_w5_35	120	08:32	02:48:25.0	+60:50:34	300	0	3.0	#179 OB Stars	2	
0060.COMP	10	08:35	02:48:25.0	+60:50:34	300	0	3.0	#179 OB Stars	2	
0061.LSI60298	89	08:36	03:01:19.5	+60:34:20	300	0	3.0	#179 OB Stars	2	corrupted catalog issues
0062.COMP	10	08:38	03:01:19.5	+60:34:20	300	0	3.0	#179 OB Stars	2	
0063.BD59546	60	08:40	02:48:49.4	+60:09:20	300	0	3.0	#179 OB Stars	2	
0064.COMP	10	08:41	02:48:49.4	+60:09:20	300	0	3.0	#179 OB Stars	2	
0065.ALS7501	181	08:42	02:51:19.5	+60:36:01	300	0	3.0	#179 OB Stars	2	
0066.COMP	10	08:46	02:51:19.5	+60:36:01	300	0	3.0	#179 OB Stars	2	
0067.kep_w5_276	150	08:48	02:54:08.2	+61:06:53	300	0	3.0	#179 OB Stars	2	cat fixed

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0068.kep_w5_277	150	08:51	02:52:31.0	+60:27:35	300	0	3.0	#179 OB Stars	2	
0069.kep_w5_278	150	08:54	02:46:52.0	+60:19:12	300	0	3.0	#179 OB Stars	2	
0070.kep_w5_279	150	08:57	02:52:31.8	+60:44:12	300	0	3.0	#179 OB Stars	2	
0071.COMP	10	09:00	02:52:31.8	+60:44:12	300	0	3.0	#179 OB Stars	2	
0072.kep_w5_280	150	09:01	02:49:34.8	+60:36:57	300	0	3.0	#179 OB Stars	2	
0073.kep_w5_282	150	09:05	02:57:17.4	+60:48:38	300	0	3.0	#179 OB Stars	2	
0074.kep_w5_283	150	09:08	02:56:31.5	+60:44:19	300	0	3.0	#179 OB Stars	2	
0075.kep_w5_284	150	09:11	02:57:12.6	+60:51:18	300	0	3.0	#179 OB Stars	2	
0076.COMP	10	09:14	02:57:12.6	+60:51:18	300	0	3.0	#179 OB Stars	2	
0077.kep_w5_285	150	09:15	02:57:11.6	+60:50:28	300	0	3.0	#179 OB Stars	2	
0078.kep_w5_286	150	09:18	02:48:24.4	+60:35:38	300	0	3.0	#179 OB Stars	2	
0079.kep_w5_287	150	09:21	02:56:28.1	+60:55:39	300	0	3.0	#179 OB Stars	2	
0080.kep_w5_288	150	09:24	02:53:04.2	+60:52:59	300	0	3.0	#179 OB Stars	2	
0081.COMP	10	09:27	02:53:04.2	+60:52:59	300	0	3.0	#179 OB Stars	2	
0082.kep_w5_289	150	09:27	02:52:30.2	+60:49:51	300	0	3.0	#179 OB Stars	2	
0083.kep_w5_290	150	09:30	02:48:54.5	+60:43:41	300	0	3.0	#179 OB Stars	2	
0084.kep_w5_291	150	09:34	02:51:05.7	+60:35:35	300	0	3.0	#179 OB Stars	2	
0085.kep_w5_292	150	09:37	02:47:24.0	+60:36:00	300	0	3.0	#179 OB Stars	2	
0086.COMP	10	09:40	02:47:24.0	+60:36:00	300	0	3.0	#179 OB Stars	2	
0087.kep_w5_293	150	09:40	02:52:31.8	+60:44:12	300	0	3.0	#179 OB Stars	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0088.kep_w5_294	150	09:44	02:53:03.6	+60:40:10	300	0	3.0	#179 OB Stars	2	
0089.kep_w5_295	150	09:47	02:57:22.0	+60:55:05	300	0	3.0	#179 OB Stars	2	
0090.kep_w5_296	150	09:50	02:48:12.4	+60:27:58	300	0	3.0	#179 OB Stars	2	
0091.COMP	10	09:53	02:48:12.4	+60:27:58	300	0	3.0	#179 OB Stars	2	
0092.kep_w5_297	150	09:53	02:52:16.9	+60:40:36	300	0	3.0	#179 OB Stars	2	
0093.kep_w5_298	150	09:56	02:51:16.0	+60:33:23	300	0	3.0	#179 OB Stars	2	
0094.kep_w5_299	150	10:00	02:57:10.1	+60:35:00	300	0	3.0	#179 OB Stars	2	
0095.kep_w5_300	150	10:03	02:53:14.2	+60:57:25	300	0	3.0	#179 OB Stars	2	
0096.COMP	10	10:06	02:53:14.2	+60:57:25	300	0	3.0	#179 OB Stars	2	
0097.kep_w5_301	150	10:06	02:56:29.8	+60:49:57	300	0	3.0	#179 OB Stars	2	
0098.kep_w5_302	180	10:09	02:56:28.5	+60:36:05	300	0	3.0	#179 OB Stars	2	
0099.kep_w5_303	150	10:13	02:54:17.3	+60:50:34	300	0	3.0	#179 OB Stars	2	
0100.kep_w5_304	150	10:16	02:54:50.8	+60:56:21	300	0	3.0	#179 OB Stars	2	
0101.COMP	10	10:19	02:54:50.8	+60:56:21	300	0	3.0	#179 OB Stars	2	
0102.kep_w5_305	150	10:20	02:46:13.6	+60:28:21	300	0	3.0	#179 OB Stars	2	
0103.kep_w5_306	150	10:23	02:53:06.9	+60:49:41	300	0	3.0	#179 OB Stars	2	
0104.kep_w5_307	150	10:26	02:51:41.3	+60:35:58	300	0	3.0	#179 OB Stars	2	
0105.kep_w5_308	150	10:29	02:47:58.6	+60:44:18	300	0	3.0	#179 OB Stars	2	
0106.COMP	10	10:32	02:47:58.6	+60:44:18	300	0	3.0	#179 OB Stars	2	
0107.kep_w5_309	150	10:33	02:46:22.9	+60:40:18	300	0	3.0	#179 OB Stars	2	

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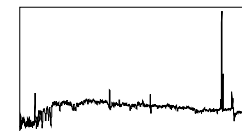
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0108.kep_w5_310	150	10:36	02:53:45.4	+60:28:38	300	0	3.0	#179 OB Stars	2	
0109.kep_w5_311	150	10:39	02:57:40.2	+60:56:07	300	0	3.0	#179 OB Stars	2	
0110.kep_w5_312	150	10:42	02:48:30.0	+60:37:10	300	0	3.0	#179 OB Stars	2	
0111.COMP	10	10:45	02:48:30.0	+60:37:10	300	0	3.0	#179 OB Stars	2	
0112.kep_w5_313	150	10:46	02:55:04.0	+60:55:57	300	0	3.0	#179 OB Stars	2	
0113.kep_w5_315	180	10:49	02:50:45.1	+60:30:24	300	0	3.0	#179 OB Stars	2	
0114.kep_w5_316	240	10:53	02:51:25.6	+60:24:51	300	0	3.0	#179 OB Stars	2	
0115.kep_w5_317	240	10:58	02:56:30.0	+60:46:43	300	0	3.0	#179 OB Stars	2	stopped by clouds
0116.COMP	10	11:02	02:56:30.0	+60:46:43	300	0	3.0	#179 OB Stars	2	
0117.IFC018	964	11:04	04:20:35.3	+46:52:25	300	0	3.0	#186 IPHAS AGB	2	new problem with FAST ccd starts here, see raw image, probably
0118.COMP	10	11:20	04:20:35.3	+46:52:25	300	0	3.0	#186 IPHAS AGB	2	
0119.kep_w5_281	240	11:23	02:49:20.2	+60:50:17	300	90	3.0	#179 OB Stars	2	target is the fainter northern comp of N-S pair
0120.kep_w5_314	240	11:28	02:49:22.7	+60:54:21	300	90	3.0	#179 OB Stars	2	target has a fainter little friend to the south
0121.COMP	10	11:32	02:49:22.7	+60:54:21	300	90	3.0	#179 OB Stars	2	
0122.kep_w5_330	211	11:33	02:51:01.6	+60:40:10	300	90	3.0	#179 OB Stars	2	
0123.kep_w5_329	210	11:37	02:48:31.7	+60:33:27	300	90	3.0	#179 OB Stars	2	
0124.COMP	10	11:41	02:48:31.7	+60:33:27	300	90	3.0	#179 OB Stars	2	
0125.kep_w5_328	210	11:42	02:56:34.0	+60:42:30	300	90	3.0	#179 OB Stars	2	
0126.kep_w5_327	240	11:46	02:52:41.5	+60:29:27	300	90	3.0	#179 OB Stars	2	
0127.COMP	10	11:50	02:52:41.5	+60:29:27	300	90	3.0	#179 OB Stars	2	stop to fill dewar and investigate ccd problem

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0128-0138.BIAS	0	12:30	02:48:13.8	+60:54:27	300	90	3.0	#57 Velocity S	2	
0139.test	7	12:36	02:48:13.8	+60:54:27	300	90	3.0	#57 Velocity S	2	
0140-0152.BIAS	0	12:50	02:48:13.8	+60:54:27	300	90	3.0	#57 Velocity S	2	
0153-0167.FLAT	7	12:55	02:48:13.8	+60:54:27	300	90	3.0	#57 Velocity S	2	
0168-0172.DARK	900	13:57	02:48:13.8	+60:54:27	300	90	3.0	#57 Velocity S	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.test	7	22:57	02:48:13.8	+60:54:27	300	90	3.0	#57 Velocity S	2	
0002.test	10	23:17	02:48:13.8	+60:54:27	300	90	3.0	#57 Velocity S	2	
0003-0004.BIAS	0	02:05	19:21:39.3	+31:29:22	300	90	3.0	#57 Velocity S	2	
0006.test	7	02:06	18:25:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0007-0009.BIAS	0	02:08	18:25:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0010.BIAS	0	02:08	18:25:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	ccd dewar has been on vacuum pump all day
0011-0020.BIAS	0	02:11	18:25:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0021-0034.FLAT	7	02:16	18:25:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0035.FLAT	7	02:16	18:25:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	delay of cloud
0036.AGDra	10	02:38	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0037.AGDra	60	02:39	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0038.COMP	10	02:41	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0039.BFCyg	15	02:47	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0040.BFCyg	15	02:48	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0041.COMP	10	02:48	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0042.CICyg	4	02:49	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0043.CICyg	15	02:50	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0044.CICyg	30	02:51	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0045.COMP	10	02:52	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0046.S4134.75+4151	982	02:53	20:41:34.7	+41:51:36	300	90	3.0	#183 Young Sta	2	stopped by clouds

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0047.COMP	10	03:10	20:41:34.7	+41:51:36	300	90	3.0	#183 Young Sta	2	
0049.S3857.27+4221	1200	03:50	20:38:57.3	+42:21:51	300	90	3.0	#183 Young Sta	2	I don
0050.COMP	10	04:10	20:38:57.3	+42:21:51	300	90	3.0	#183 Young Sta	2	
0051.BIAS	0	04:16	20:39:57.8	+43:00:02	300	90	3.0	#57 Velocity S	2	counts ok, but stop to fill dewar
0052.BIAS	0	04:16	20:39:57.8	+43:00:02	300	90	3.0	#57 Velocity S	2	
0053.BDp284211	180	04:53	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	go, stop
0054.COMP	10	04:56	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0055-0060.BIAS	0	05:42	22:11:31.4	+18:05:34	300	90	3.0	#57 Velocity S	2	
0062.BDp174708	90	06:16	22:11:31.4	+18:05:34	300	50	3.0	#57 Velocity S	2	stop, go
0063.BDp174708	90	06:18	22:11:31.4	+18:05:34	300	50	3.0	#57 Velocity S	2	
0064.BDp174708	90	06:20	22:11:31.4	+18:05:34	300	50	3.0	#57 Velocity S	2	
0065.COMP	10	06:22	22:11:31.4	+18:05:34	300	50	3.0	#57 Velocity S	2	
0066.N7469	151	06:24	23:03:15.7	+08:52:27	300	10	3.0	#6 AGN Monitor	2	
0067.N7469	151	06:26	23:03:15.7	+08:52:27	300	10	3.0	#6 AGN Monitor	2	
0068.COMP	10	06:29	23:03:15.7	+08:52:27	300	10	3.0	#6 AGN Monitor	2	
0069.RAqr	2	06:30	23:43:49.0	-15:17:05	300	10	3.0	#12 Symbiotic	2	
0070.RAqr	5	06:31	23:43:49.0	-15:17:05	300	10	3.0	#12 Symbiotic	2	
0071.RAqr	20	06:31	23:43:49.0	-15:17:05	300	10	3.0	#12 Symbiotic	2	
0072.COMP	10	06:32	23:43:49.0	-15:17:05	300	10	3.0	#12 Symbiotic	2	
0073.ZAnd	5	06:36	23:33:40.0	+48:49:06	300	0	3.0	#12 Symbiotic	2	

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0074.ZAnd	2	06:36	23:33:40.0	+48:49:06	300	0	3.0	#12 Symbiotic	2	
0075.ZAnd	40	06:37	23:33:40.0	+48:49:06	300	0	3.0	#12 Symbiotic	2	
0076.COMP	10	06:38	23:33:40.0	+48:49:06	300	0	3.0	#12 Symbiotic	2	
0078.IPHASB_1006	604	06:47	00:02:50.8	+63:46:34	300	0	3.0	#157 IPHAS	2	
0079.COMP	10	06:58	00:02:50.8	+63:46:34	300	0	3.0	#157 IPHAS	2	
0080.IPHASB_1007	540	06:59	00:02:59.6	+62:09:16	300	0	3.0	#157 IPHAS	2	
0081.COMP	10	07:08	00:02:59.6	+62:09:16	300	0	3.0	#157 IPHAS	2	
0082.IPHASB_1008	360	07:09	00:03:01.7	+62:10:20	300	0	3.0	#157 IPHAS	2	
0083.COMP	10	07:15	00:03:01.7	+62:10:20	300	0	3.0	#157 IPHAS	2	
0084.IPHASB_1009	600	07:16	00:03:15.5	+62:54:23	300	0	3.0	#157 IPHAS	2	
0085.COMP	10	07:26	00:03:15.5	+62:54:23	300	0	3.0	#157 IPHAS	2	
0086.IPHASB_1010	240	07:28	00:03:35.1	+63:29:46	300	0	3.0	#157 IPHAS	2	
0087.COMP	10	07:32	00:03:35.1	+63:29:46	300	0	3.0	#157 IPHAS	2	
0088.IPHASB_1011	540	07:33	00:03:54.1	+64:18:20	300	0	3.0	#157 IPHAS	2	
0089.COMP	10	07:43	00:03:54.1	+64:18:20	300	0	3.0	#157 IPHAS	2	
0090.IPHASB_1013	180	07:43	00:03:58.8	+64:35:57	300	0	3.0	#157 IPHAS	2	
0091.COMP	10	07:47	00:03:58.8	+64:35:57	300	0	3.0	#157 IPHAS	2	
0092.IPHASB_1195	240	07:48	01:07:49.4	+58:27:09	300	0	3.0	#157 IPHAS	2	no em, ID ok
0093.COMP	10	07:52	01:07:49.4	+58:27:09	300	0	3.0	#157 IPHAS	2	
0094.IPHASB_1197	240	07:53	01:08:07.9	+61:38:32	300	0	3.0	#157 IPHAS	2	

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0095.COMP	10	07:58	01:08:07.9	+61:38:32	300	0	3.0	#157 IPHAS	2	
0096.IPHASB_1200	240	07:58	01:08:29.8	+61:25:04	300	0	3.0	#157 IPHAS	2	
0097.COMP	10	08:03	01:08:29.8	+61:25:04	300	0	3.0	#157 IPHAS	2	
0098.IPHASB_1201	240	08:04	01:08:38.1	+63:19:19	300	10	3.0	#157 IPHAS	2	
0099.COMP	10	08:09	01:08:38.1	+63:19:19	300	10	3.0	#157 IPHAS	2	
0100.IPHASB_1203	420	08:09	01:09:32.6	+64:48:14	300	10	3.0	#157 IPHAS	2	
0101.COMP	10	08:17	01:09:32.6	+64:48:14	300	10	3.0	#157 IPHAS	2	
0102.IPHASB_1204	600	08:18	01:09:38.3	+66:18:54	300	10	3.0	#157 IPHAS	2	
0103.COMP	10	08:28	01:09:38.3	+66:18:54	300	10	3.0	#157 IPHAS	2	
0104.IPHASB_1205	300	08:29	01:09:58.8	+62:52:29	300	10	3.0	#157 IPHAS	2	
0105.COMP	10	08:35	01:09:58.8	+62:52:29	300	10	3.0	#157 IPHAS	2	
0106.IPHASB_1206	211	08:36	01:10:38.7	+61:39:22	300	10	3.0	#157 IPHAS	2	
0107.COMP	10	08:40	01:10:38.7	+61:39:22	300	10	3.0	#157 IPHAS	2	
0108.IPHASB_1207	180	08:40	01:12:16.3	+61:50:51	300	10	3.0	#157 IPHAS	2	
0109.COMP	10	08:44	01:12:16.3	+61:50:51	300	10	3.0	#157 IPHAS	2	
0110.IPHASB_1211	150	08:45	01:13:52.3	+59:01:45	300	10	3.0	#157 IPHAS	2	
0111.COMP	10	08:47	01:13:52.3	+59:01:45	300	10	3.0	#157 IPHAS	2	
0112.3C66A	1200	08:49	02:22:39.6	+43:02:08	300	0	3.0	#6 AGN Monitor	2	
0113.COMP	10	09:09	02:22:39.6	+43:02:08	300	0	3.0	#6 AGN Monitor	2	
0114.A00235+16	1200	09:11	02:38:38.9	+16:36:59	300	0	3.0	#6 AGN Monitor	2	ccd splotchiness, early warmup

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0115.COMP	10	09:31	02:38:38.9	+16:36:59	300	0	3.0	#6 AGN Monitor	2	stop to fill dewar
0116.BIAS	0	09:47	03:08:25.6	+26:19:51	300	0	3.0	#157 IPHAS	2	
0117.HD19445	20	09:48	03:08:25.6	+26:19:51	300	0	3.0	#56 Spectropho	2	
0118.HD19445	20	09:48	03:08:25.6	+26:19:51	300	0	3.0	#56 Spectropho	2	
0119.HD19445	20	09:49	03:08:25.6	+26:19:51	300	0	3.0	#56 Spectropho	2	
0120.COMP	10	09:50	03:08:25.6	+26:19:51	300	0	3.0	#56 Spectropho	2	
0121.COMP	10	09:52	02:45:42.6	+60:25:46	300	0	3.0	#179 OB Stars	2	
0122.kep_w5_318	210	09:52	02:45:42.6	+60:25:46	300	0	3.0	#179 OB Stars	2	
0123.kep_w5_321	210	09:56	02:47:15.0	+60:30:35	300	0	3.0	#179 OB Stars	2	
0124.kep_w5_323	210	10:00	02:46:35.4	+60:35:46	300	0	3.0	#179 OB Stars	2	
0125.kep_w5_324	210	10:04	02:46:14.9	+60:21:42	300	0	3.0	#179 OB Stars	2	
0126.COMP	10	10:08	02:46:14.9	+60:21:42	300	0	3.0	#179 OB Stars	2	
0127.kep_w5_322	210	10:09	02:58:33.6	+60:42:44	300	0	3.0	#179 OB Stars	2	
0128.kep_w5_325	210	10:13	02:54:58.3	+60:48:41	300	0	3.0	#179 OB Stars	2	
0129.kep_w5_319	210	10:17	02:53:18.1	+61:02:47	300	0	3.0	#179 OB Stars	2	
0130.kep_w5_328	210	10:21	02:56:34.0	+60:42:30	300	0	3.0	#179 OB Stars	2	
0131.COMP	10	10:25	02:56:34.0	+60:42:30	300	0	3.0	#179 OB Stars	2	
0132.kep_w5_326	210	10:26	02:48:13.8	+60:54:27	300	0	3.0	#179 OB Stars	2	
0133.kep_w5_329	210	10:30	02:48:31.7	+60:33:27	300	0	3.0	#179 OB Stars	2	
0134.kep_w5_327	210	10:34	02:52:41.5	+60:29:27	300	0	3.0	#179 OB Stars	2	

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0135.kep_w5_330	210	10:38	02:51:01.6	+60:40:10	300	0	3.0	#179 OB Stars	2	
0136.COMP	10	10:42	02:51:01.6	+60:40:10	300	0	3.0	#179 OB Stars	2	
0137.A00235+16	1200	10:45	02:38:38.9	+16:36:59	300	50	3.0	#6 AGN Monitor	2	
0138.COMP	10	11:05	02:38:38.9	+16:36:59	300	50	3.0	#6 AGN Monitor	2	
0139.BIAS	0	11:07	02:49:20.2	+60:50:17	300	90	3.0	#157 IPHAS	2	
0140.kep_w5_281	150	11:08	02:49:20.2	+60:50:17	300	90	3.0	#157 IPHAS	2	target is the fainter northern comp of N-S pair
0141.kep_w5_314	180	11:12	02:49:22.7	+60:54:21	300	90	3.0	#179 OB Stars	2	target has a fainter little friend to the south
0142.kep_w5_320	180	11:15	02:53:27.5	+60:27:45	300	90	3.0	#179 OB Stars	2	target is also the fainter northern comp of N-S pair
0143.COMP	10	11:19	02:53:27.5	+60:27:45	300	90	3.0	#179 OB Stars	2	
0144.IFC018	900	11:21	04:20:35.3	+46:52:25	300	90	3.0	#186 IPHAS AGB	2	
0145.COMP	10	11:36	04:20:35.3	+46:52:25	300	90	3.0	#186 IPHAS AGB	2	
0146.IPHASB_1487	720	11:38	02:36:42.7	+61:47:15	300	90	3.0	#157 IPHAS	2	
0147.COMP	10	11:50	02:36:42.7	+61:47:15	300	90	3.0	#157 IPHAS	2	
0148.BIAS	0	11:51	02:36:42.7	+61:47:15	300	90	3.0	#157 IPHAS	2	
0149.IPHASB_1496	150	11:52	02:39:23.7	+60:42:47	300	90	3.0	#157 IPHAS	2	
0150.COMP	10	11:55	02:39:23.7	+60:42:47	300	90	3.0	#157 IPHAS	2	
0151.IPHASB_1499	180	11:56	02:40:21.1	+58:28:34	300	90	3.0	#157 IPHAS	2	
0152.COMP	10	12:00	02:40:21.1	+58:28:34	300	90	3.0	#157 IPHAS	2	
0153.IPHASB_1501	270	12:01	02:40:52.9	+57:44:00	300	90	3.0	#157 IPHAS	2	
0154.COMP	10	12:06	02:40:52.9	+57:44:00	300	90	3.0	#157 IPHAS	2	

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0155.BIAS	0	12:06	02:40:52.9	+57:44:00	300	90	3.0	#157 IPHAS	2	
0156.IPHASB_1511	360	12:08	02:43:05.6	+63:16:15	300	90	3.0	#157 IPHAS	2	
0157.COMP	10	12:15	02:43:05.6	+63:16:15	300	90	3.0	#157 IPHAS	2	
0158-0169.BIAS	0	12:20	02:43:05.6	+63:16:15	300	90	3.0	#157 IPHAS	2	
0170-0184.FLAT	7	12:25	02:43:05.6	+63:16:15	300	90	3.0	#157 IPHAS	2	
0185-0200.DARK	900	16:23	02:43:05.6	+63:16:15	300	90	3.0	#157 IPHAS	2	