

UT Date 2009-04-02 Observers P BerlindColl. Focus 1290 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.COMP	10	21:02	23:00:00.0	-10:00:00	300	90	3.0	#57 Velocity S	2	
0002.COMP	10	21:07	23:00:00.0	-10:00:00	300	90	3.0	#57 Velocity S	2	
0003.COMP	10	21:09	23:00:00.0	-10:00:00	300	90	3.0	#57 Velocity S	2	
0004.COMP	10	21:11	23:00:00.0	-10:00:00	300	90	3.0	#57 Velocity S	2	
0005.COMP	10	22:23	23:00:00.0	-10:00:00	300	90	3.0	#57 Velocity S	2	
0006.COMP	10	22:26	23:00:00.0	-10:00:00	300	90	3.0	#57 Velocity S	2	
0007.COMP	10	22:31	23:00:00.0	-10:00:00	300	90	3.0	#57 Velocity S	2	
0008.COMP	10	22:43	23:00:00.0	-10:00:00	300	90	3.0	#57 Velocity S	2	
0009.COMP	10	22:50	23:00:00.0	-10:00:00	300	90	3.0	#57 Velocity S	2	
0010.COMP	10	22:55	05:30:00.0	-10:00:00	300	90	3.0	#57 Velocity S	2	
0011.COMP	10	23:16	05:30:00.0	-10:00:00	300	90	3.0	#57 Velocity S	2	
0012.COMP	10	23:20	05:30:00.0	-10:00:00	300	90	3.0	#57 Velocity S	2	
0013.COMP	10	23:22	05:30:00.0	-10:00:00	300	90	3.0	#57 Velocity S	2	
0014.test	10	00:00	05:30:00.0	-10:00:00	300	90	3.0	#57 Velocity S	2	
0015.test	10	00:01	05:30:00.0	-10:00:00	300	90	3.0	#57 Velocity S	2	
0016.test	10	00:04	05:30:00.0	-10:00:00	300	90	3.0	#57 Velocity S	2	
0017.test	10	00:04	05:30:00.0	-10:00:00	300	90	3.0	#57 Velocity S	2	
0018.test	10	00:05	05:30:00.0	-10:00:00	300	90	3.0	#57 Velocity S	2	
0019-0020.BIAS	0	00:17	05:30:00.0	-10:00:00	300	90	3.0	#57 Velocity S	2	
0021-0025.DARK	900	01:18	05:30:00.0	-10:00:00	300	90	3.0	#57 Velocity S	2	

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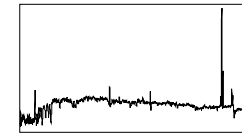
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0026-0035.BIAS	0	01:35	05:30:00.0	-10:00:00	300	90	3.0	#57 Velocity S	2	
0036-0050.FLAT	7	01:41	05:30:00.0	-10:00:00	300	90	3.0	#57 Velocity S	2	
0051-0055.sky	3	01:53	07:05:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0056.COMP	10	01:53	07:05:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0057.2M075409.33+6352180	600	02:44	07:54:09.3	+63:52:18	300	90	3.0	#141 Mapping t	2	
0058.COMP	10	02:54	07:54:09.3	+63:52:18	300	90	3.0	#141 Mapping t	2	
0059.2M075438.47+6011488	900	02:57	07:54:38.5	+60:11:49	300	90	3.0	#141 Mapping t	2	
0060.COMP	10	03:12	07:54:38.5	+60:11:49	300	90	3.0	#141 Mapping t	2	
0061.2M075741.38+6057407	688	03:14	07:57:41.4	+60:57:41	300	90	3.0	#141 Mapping t	2	
0062.COMP	10	03:26	07:57:41.4	+60:57:41	300	90	3.0	#141 Mapping t	2	
0063.2M075742.07+6054307	600	03:26	07:57:42.1	+60:54:31	300	90	3.0	#141 Mapping t	2	
0064.COMP	10	03:37	07:57:42.1	+60:54:31	300	90	3.0	#141 Mapping t	2	
0065.2M075813.13+5655546	600	03:38	07:58:13.1	+56:55:55	300	90	3.0	#141 Mapping t	2	
0066.COMP	10	03:48	07:58:13.1	+56:55:55	300	90	3.0	#141 Mapping t	2	
0067.2M075827.34+5612576	720	03:50	07:58:27.3	+56:12:58	300	90	3.0	#141 Mapping t	2	
0068.COMP	10	04:02	07:58:27.3	+56:12:58	300	90	3.0	#141 Mapping t	2	
0069.2M080205.61+7713039	480	04:04	08:02:05.6	+77:13:04	300	90	3.0	#141 Mapping t	2	
0070.COMP	10	04:13	08:02:05.6	+77:13:04	300	90	3.0	#141 Mapping t	2	
0071.2M080334.79+7849246	600	04:14	08:03:34.8	+78:49:25	300	90	3.0	#141 Mapping t	2	
0072.COMP	10	04:24	08:03:34.8	+78:49:25	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
0073.2M080901.21+7202382	480	04:26	08:09:01.2	+72:02:38	300	90	3.0	#141 Mapping t	2	
0074.COMP	10	04:34	08:09:01.2	+72:02:38	300	90	3.0	#141 Mapping t	2	
0075.HD84937	30	04:38	09:48:56.1	+13:44:39	300	6	3.0	#56 Spectropho	2	
0076.HD84937	30	04:39	09:48:56.1	+13:44:39	300	6	3.0	#56 Spectropho	2	
0077.HD84937	30	04:39	09:48:56.1	+13:44:39	300	6	3.0	#56 Spectropho	2	
0078.COMP	10	04:40	09:48:56.1	+13:44:39	300	6	3.0	#56 Spectropho	2	
0079.Xstar19	240	04:42	09:59:29.4	+02:05:14	300	11	3.0	#187 Stellar X	2	
0080.COMP	10	04:46	09:59:29.4	+02:05:14	300	11	3.0	#187 Stellar X	2	
0081.Xstar20	180	04:47	09:59:55.2	+02:08:45	300	11	3.0	#187 Stellar X	2	
0082.COMP	10	04:50	09:59:55.2	+02:08:45	300	11	3.0	#187 Stellar X	2	
0083.Xstar21	60	04:51	09:59:08.2	+01:57:32	300	11	3.0	#187 Stellar X	2	
0084.Xstar23	150	04:53	09:58:51.1	+02:02:27	300	11	3.0	#187 Stellar X	2	
0085.COMP	10	04:55	09:58:51.1	+02:02:27	300	11	3.0	#187 Stellar X	2	
0086.Xstar25	45	04:56	10:00:57.4	+01:55:49	300	11	3.0	#187 Stellar X	2	
0087.Xstar31	45	04:58	10:01:42.1	+01:53:19	300	11	3.0	#187 Stellar X	2	
0088.COMP	10	04:59	10:01:42.1	+01:53:19	300	11	3.0	#187 Stellar X	2	
0089.Xstar26	180	05:00	09:59:54.7	+02:17:07	300	11	3.0	#187 Stellar X	2	
0090.Xstar27	45	05:03	09:58:23.0	+02:13:11	300	11	3.0	#187 Stellar X	2	
0091.COMP	10	05:05	09:58:23.0	+02:13:11	300	11	3.0	#187 Stellar X	2	
0092.Xstar28	120	05:05	09:58:39.1	+02:09:06	300	11	3.0	#187 Stellar X	2	

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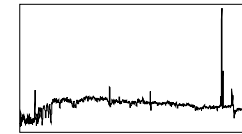
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0093.Xstar41	300	05:08	09:59:06.0	+02:34:11	300	11	3.0	#187 Stellar X	2	
0094.COMP	10	05:13	09:59:06.0	+02:34:11	300	11	3.0	#187 Stellar X	2	
0095.Xstar29	120	05:14	10:01:35.7	+02:03:34	300	11	3.0	#187 Stellar X	2	
0096.Xstar30	600	05:17	10:01:41.5	+02:07:59	300	11	3.0	#187 Stellar X	2	
0097.COMP	10	05:28	10:01:41.5	+02:07:59	300	11	3.0	#187 Stellar X	2	
0098.Xstar32	360	05:29	09:59:10.2	+02:23:35	300	11	3.0	#187 Stellar X	2	
0099.Xstar33	120	05:36	09:59:17.5	+02:22:07	300	11	3.0	#187 Stellar X	2	
0100.COMP	10	05:38	09:59:17.5	+02:22:07	300	11	3.0	#187 Stellar X	2	
0101.Feige34	210	05:40	10:39:36.7	+43:06:09	300	11	3.0	#56 Spectropho	2	
0102.Feige34	210	05:44	10:39:36.7	+43:06:09	300	11	3.0	#56 Spectropho	2	
0103.COMP	10	05:48	10:39:36.7	+43:06:09	300	11	3.0	#56 Spectropho	2	
0104.Xstar34	30	05:50	10:00:09.7	+02:23:50	300	33	3.0	#187 Stellar X	2	
0105.Xstar35	180	05:52	10:00:36.8	+02:23:58	300	33	3.0	#187 Stellar X	2	
0106.COMP	10	05:55	10:00:36.8	+02:23:58	300	33	3.0	#187 Stellar X	2	
0107.Xstar38	600	05:56	10:02:07.8	+02:22:35	300	33	3.0	#187 Stellar X	2	
0108.Xstar39	180	06:07	10:01:52.1	+02:11:58	300	33	3.0	#187 Stellar X	2	
0109.COMP	10	06:10	10:01:52.1	+02:11:58	300	33	3.0	#187 Stellar X	2	
0110.Xstar40	720	06:11	09:58:55.9	+02:30:41	300	33	3.0	#187 Stellar X	2	
0111.COMP	10	06:24	09:58:55.9	+02:30:41	300	33	3.0	#187 Stellar X	2	
0112.Xstar42	900	06:25	09:59:15.6	+02:32:25	300	33	3.0	#187 Stellar X	2	

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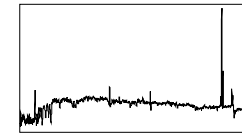
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0113.COMP	10	06:40	09:59:15.6	+02:32:25	300	33	3.0	#187 Stellar X	2	
0114.Xstar43	720	06:41	09:59:35.8	+02:30:42	300	33	3.0	#187 Stellar X	2	
0115.COMP	10	06:53	09:59:35.8	+02:30:42	300	33	3.0	#187 Stellar X	2	
0116.Xstar44	900	06:54	09:59:30.8	+02:32:39	300	33	3.0	#187 Stellar X	2	
0117.COMP	10	07:10	09:59:30.8	+02:32:39	300	33	3.0	#187 Stellar X	2	
0118.N3627	150	07:11	11:20:15.1	+12:59:22	300	39	3.0	#6 AGN Monitor	2	
0119.N3627	150	07:14	11:20:15.1	+12:59:22	300	39	3.0	#6 AGN Monitor	2	
0120.COMP	10	07:17	11:20:15.1	+12:59:22	300	39	3.0	#6 AGN Monitor	2	
0121.MRK421	240	07:19	11:04:27.4	+38:12:32	300	89	3.0	#6 AGN Monitor	2	
0122.MRK421	240	07:23	11:04:27.4	+38:12:32	300	89	3.0	#6 AGN Monitor	2	
0123.COMP	10	07:28	11:04:27.4	+38:12:32	300	89	3.0	#6 AGN Monitor	2	
0124.WCom	600	07:29	12:21:31.7	+28:13:59	300	89	3.0	#6 AGN Monitor	2	
0125.COMP	10	07:39	12:21:31.7	+28:13:59	300	89	3.0	#6 AGN Monitor	2	
0126.N4593	150	07:42	12:39:39.4	-05:20:39	300	11	3.0	#6 AGN Monitor	2	
0127.N4593	150	07:44	12:39:39.4	-05:20:39	300	11	3.0	#6 AGN Monitor	2	
0128.COMP	10	07:47	12:39:39.4	-05:20:39	300	11	3.0	#6 AGN Monitor	2	
0129.3C279	900	07:49	12:56:11.1	-05:47:22	300	11	3.0	#6 AGN Monitor	2	
0130.COMP	10	08:05	12:56:11.1	-05:47:22	300	11	3.0	#6 AGN Monitor	2	
0131.sn2009bv	1800	08:11	13:07:20.5	+35:47:04	300	90	3.0	#2 SN Observat	2	
0132.COMP	10	08:42	13:07:20.5	+35:47:04	300	90	3.0	#2 SN Observat	2	

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0133.2M121037.22+7457500	480	08:46	12:10:37.2	+74:57:50	300	90	3.0	#141 Mapping t	2	
0134.COMP	10	08:54	12:10:37.2	+74:57:50	300	90	3.0	#141 Mapping t	2	
0135.2M122205.17+7845199	330	08:55	12:22:05.2	+78:45:20	300	90	3.0	#141 Mapping t	2	
0136.COMP	10	09:01	12:22:05.2	+78:45:20	300	90	3.0	#141 Mapping t	2	
0137.2M123210.31+7649199	420	09:03	12:32:10.3	+76:49:20	300	90	3.0	#141 Mapping t	2	
0138.COMP	10	09:11	12:32:10.3	+76:49:20	300	90	3.0	#141 Mapping t	2	
0139.2M123305.33+7758319	420	09:12	12:33:05.3	+77:58:32	300	90	3.0	#141 Mapping t	2	
0140.COMP	10	09:19	12:33:05.3	+77:58:32	300	90	3.0	#141 Mapping t	2	
0141.2M123438.89+7819464	420	09:20	12:34:38.9	+78:19:46	300	90	3.0	#141 Mapping t	2	
0142.COMP	10	09:27	12:34:38.9	+78:19:46	300	90	3.0	#141 Mapping t	2	
0143.2M123424.60+6528372	300	09:29	12:34:24.6	+65:28:37	300	90	3.0	#141 Mapping t	2	
0144.COMP	10	09:34	12:34:24.6	+65:28:37	300	90	3.0	#141 Mapping t	2	
0145.2M121323.02+5635406	420	09:35	12:13:23.0	+56:35:41	300	90	3.0	#141 Mapping t	2	
0146.COMP	10	09:43	12:13:23.0	+56:35:41	300	90	3.0	#141 Mapping t	2	
0147.2M125353.84+3828501	420	09:44	12:53:53.8	+38:28:50	300	90	3.0	#141 Mapping t	2	
0148.COMP	10	09:51	12:53:53.8	+38:28:50	300	90	3.0	#141 Mapping t	2	
0149.2M143636.41-1354150	420	09:53	14:36:36.4	-13:54:15	300	90	3.0	#141 Mapping t	2	
0150.COMP	10	10:01	14:36:36.4	-13:54:15	300	90	3.0	#141 Mapping t	2	
0151.2M144042.61-1122307	420	10:02	14:40:42.6	-11:22:31	300	90	3.0	#141 Mapping t	2	
0152.COMP	10	10:09	14:40:42.6	-11:22:31	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
0153.2M150439.94-1114251	420	10:10	15:04:39.9	-11:14:25	300	90	3.0	#141 Mapping t	2	
0154.COMP	10	10:18	15:04:39.9	-11:14:25	300	90	3.0	#141 Mapping t	2	
0155.2M150110.14-0427162	540	10:19	15:01:10.1	-04:27:16	300	90	3.0	#141 Mapping t	2	
0156.COMP	10	10:28	15:01:10.1	-04:27:16	300	90	3.0	#141 Mapping t	2	
0157.BDp332642	90	10:32	15:51:59.9	+32:56:54	300	90	5.0	#56 Spectropho	2	
0158.BDp332642	90	10:34	15:51:59.9	+32:56:54	300	90	5.0	#56 Spectropho	2	
0159.BDp332642	90	10:36	15:51:59.9	+32:56:54	300	90	5.0	#56 Spectropho	2	
0160.BDp332642	90	10:37	15:51:59.9	+32:56:54	300	90	5.0	#56 Spectropho	2	
0161.BDp332642	90	10:39	15:51:59.9	+32:56:54	300	90	5.0	#56 Spectropho	2	
0162.BDp332642	90	10:41	15:51:59.9	+32:56:54	300	90	5.0	#56 Spectropho	2	
0163.BDp332642	90	10:43	15:51:59.9	+32:56:54	300	90	5.0	#56 Spectropho	2	
0164.BDp332642	90	10:45	15:51:59.9	+32:56:54	300	90	5.0	#56 Spectropho	2	
0165.COMP	5	10:47	15:51:59.9	+32:56:54	300	90	5.0	#56 Spectropho	2	
0166-0170.FLAT	4	10:49	15:51:59.9	+32:56:54	300	90	5.0	#56 Spectropho	2	
0171.2M150551.68-0537322	480	10:53	15:05:51.7	-05:37:32	300	90	3.0	#141 Mapping t	2	
0172.COMP	10	11:02	15:05:51.7	-05:37:32	300	90	3.0	#141 Mapping t	2	
0173.2M151043.98-0608140	360	11:03	15:10:44.0	-06:08:14	300	90	3.0	#141 Mapping t	2	
0174.COMP	10	11:10	15:10:44.0	-06:08:14	300	90	3.0	#141 Mapping t	2	
0175.2M151732.46+0202503	360	11:11	15:17:32.5	+02:02:50	300	90	3.0	#141 Mapping t	2	
0176.COMP	10	11:17	15:17:32.5	+02:02:50	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
0177.2M151657.10+0512123	420	11:19	15:16:57.1	+05:12:12	300	90	3.0	#141 Mapping t	2	
0178.COMP	10	11:27	15:16:57.1	+05:12:12	300	90	3.0	#141 Mapping t	2	
0179.2M151317.97+0502430	330	11:28	15:13:18.0	+05:02:43	300	90	3.0	#141 Mapping t	2	
0180.COMP	10	11:33	15:13:18.0	+05:02:43	300	90	3.0	#141 Mapping t	2	
0181.2M151430.31+0527551	420	11:35	15:14:30.3	+05:27:55	300	90	3.0	#141 Mapping t	2	
0182.COMP	10	11:42	15:14:30.3	+05:27:55	300	90	3.0	#141 Mapping t	2	
0183.2M151735.74+0503163	420	11:43	15:17:35.7	+05:03:16	300	90	3.0	#141 Mapping t	2	
0184.COMP	10	11:51	15:17:35.7	+05:03:16	300	90	3.0	#141 Mapping t	2	
0185.2M152343.30+0854504	360	11:51	15:23:43.3	+08:54:50	300	90	3.0	#141 Mapping t	2	
0186.COMP	10	11:58	15:23:43.3	+08:54:50	300	90	3.0	#141 Mapping t	2	
0187.AS210	10	12:01	16:51:20.3	-26:00:33	300	0	3.0	#12 Symbiotic	2	
0188.AS210	20	12:01	16:51:20.3	-26:00:33	300	0	3.0	#12 Symbiotic	2	
0189.AS210	300	12:02	16:51:20.3	-26:00:33	300	0	3.0	#12 Symbiotic	2	
0190.COMP	10	12:07	16:51:20.3	-26:00:33	300	0	3.0	#12 Symbiotic	2	
0191.RS0ph	15	12:09	17:50:13.0	-06:42:30	300	0	3.0	#12 Symbiotic	2	
0192.RS0ph	60	12:09	17:50:13.0	-06:42:30	300	0	3.0	#12 Symbiotic	2	
0193.RS0ph	10	12:10	17:50:13.0	-06:42:30	300	0	3.0	#12 Symbiotic	2	
0194.COMP	10	12:11	17:50:13.0	-06:42:30	300	0	3.0	#12 Symbiotic	2	
0195.XX0ph	5	12:12	17:43:56.0	-06:16:08	300	0	3.0	#12 Symbiotic	2	
0196.XX0ph	15	12:12	17:43:56.0	-06:16:08	300	0	3.0	#12 Symbiotic	2	

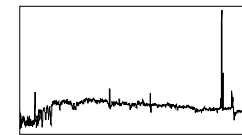


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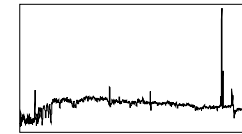
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0197.COMP	10	12:13	17:43:56.0	-06:16:08	300	0	3.0	#12 Symbiotic	2	
0198-0207.BIAS	0	12:17	17:43:56.0	-06:16:08	300	89	3.0	#56 Spectropho	2	
0208-0222.FLAT	7	12:23	17:43:56.0	-06:16:08	300	89	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	01:04	07:05:37.8	+31:31:13	1200	90	1.5	#56 Spectropho	4	high dark current
0002-0004.DARK	900	01:50	07:05:37.8	+31:31:13	1200	90	1.5	#56 Spectropho	4	
0005.BIAS	0	02:05	07:05:37.8	+31:31:13	1200	90	1.5	#56 Spectropho	4	
0006.BIAS	0	02:14	00:00:00.0	+00:00:00	1200	0	1.5	#56 Spectropho	2	
0007-0015.BIAS	0	02:32	08:50:31.9	+31:32:30	1200	90	1.5	#56 Spectropho	4	
0016-0025.FLAT	45	02:40	08:50:31.9	+31:32:30	1200	90	1.5	#56 Spectropho	4	
0026.Feige34	300	02:50	10:39:36.7	+43:06:09	1200	90	1.5	#56 Spectropho	4	1200L, 1.5 arcsec, tilt=195
0027.COMP	30	02:55	10:39:36.7	+43:06:09	1200	90	1.5	#56 Spectropho	4	
0028.sd0	1200	03:01	08:28:32.8	+14:52:02	1200	90	1.5	#99 Other	4	
0029.COMP	30	03:22	08:28:32.8	+14:52:02	1200	90	1.5	#99 Other	4	
0030.sd0	1200	03:23	08:28:32.8	+14:52:02	1200	90	1.5	#99 Other	4	
0031.COMP	30	03:44	08:28:32.8	+14:52:02	1200	90	1.5	#99 Other	4	
0032.sd0	1200	03:45	08:28:32.8	+14:52:02	1200	90	1.5	#99 Other	4	
0033.COMP	30	04:06	08:28:32.8	+14:52:02	1200	90	1.5	#99 Other	4	
0034.sd0	1200	04:07	08:28:32.8	+14:52:02	1200	90	1.5	#99 Other	4	
0035.COMP	30	04:28	08:28:32.8	+14:52:02	1200	90	1.5	#99 Other	4	
0036.sd0	1200	04:30	08:28:32.8	+14:52:02	1200	90	1.5	#99 Other	4	
0037.COMP	30	04:50	08:28:32.8	+14:52:02	1200	90	1.5	#99 Other	4	
0038.sd0	1200	04:52	08:28:32.8	+14:52:02	1200	90	1.5	#99 Other	4	
0039.COMP	30	05:12	08:28:32.8	+14:52:02	1200	90	1.5	#99 Other	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0040.N2230030699	480	05:19	07:36:06.5	+21:14:11	1200	90	1.5	#99 Other	4	1200L, 1.5 arcsec, tilt=165
0041.COMP	30	05:27	07:36:06.5	+21:14:11	1200	90	1.5	#99 Other	4	
0042.N2211330177	600	05:29	07:54:45.9	+16:41:41	1200	90	1.5	#99 Other	4	
0043.COMP	30	05:39	07:54:45.9	+16:41:41	1200	90	1.5	#99 Other	4	
0044.N2211021132	360	05:42	07:57:31.1	+20:17:35	1200	90	1.5	#99 Other	4	
0045.COMP	30	05:48	07:57:31.1	+20:17:35	1200	90	1.5	#99 Other	4	
0046.N2313102243	360	05:50	08:30:38.5	+14:07:13	1200	90	1.5	#99 Other	4	
0047.COMP	30	05:58	08:30:38.5	+14:07:13	1200	90	1.5	#99 Other	4	
0048-0057.FLAT	45	06:08	08:30:38.5	+14:07:13	1200	90	1.5	#99 Other	4	
0058.COMP	5	06:13	08:30:38.5	+14:07:13	300	90	3.0	#56 Spectropho	4	test, combo setup
0059.COMP	5	06:16	08:30:38.5	+14:07:13	300	90	3.0	#56 Spectropho	4	
0060.COMP	5	06:17	08:30:38.5	+14:07:13	300	90	3.0	#56 Spectropho	4	
0061.COMP	5	06:19	08:30:38.5	+14:07:13	300	90	3.0	#56 Spectropho	4	
0062-0071.BIAS	0	06:22	08:30:38.5	+14:07:13	300	90	3.0	#56 Spectropho	2	
0072-0091.FLAT	7	06:29	08:30:38.5	+14:07:13	300	90	3.0	#56 Spectropho	2	
0092.Feige34	150	06:32	10:39:36.7	+43:06:09	300	103	3.0	#56 Spectropho	2	
0093.COMP	10	06:35	10:39:36.7	+43:06:09	300	103	3.0	#56 Spectropho	2	
0094.Feige34	150	06:37	10:39:36.7	+43:06:09	300	103	3.0	#56 Spectropho	2	
0095.COMP	10	06:40	10:39:36.7	+43:06:09	300	103	3.0	#56 Spectropho	2	
0096.sn2009dd	600	06:43	12:05:33.7	+50:32:20	300	-30	3.0	#2 SN Observat	2	

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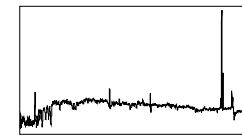
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0097.COMP	10	06:54	12:05:33.7	+50:32:20	300	-30	3.0	#2 SN Observat	2	
0098.sn2009bv	1800	06:59	13:07:20.5	+35:47:04	300	-32	3.0	#2 SN Observat	2	
0099.COMP	10	07:34	13:07:20.5	+35:47:04	300	-32	3.0	#2 SN Observat	2	
0100.MRK421	240	07:38	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0101.MRK421	240	07:42	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0102.COMP	10	07:47	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0103.N4051	150	07:51	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0104.N4051	150	07:53	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0105.COMP	10	07:57	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0106.RXJ1117p2014	1200	07:59	11:17:06.1	+20:14:07	300	90	3.0	#6 AGN Monitor	2	
0107.COMP	10	08:20	11:17:06.1	+20:14:07	300	90	3.0	#6 AGN Monitor	2	
0108.N4151	60	08:22	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0109.N4151	60	08:24	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0110.COMP	10	08:25	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0111.WCom	600	08:27	12:21:31.7	+28:13:59	300	90	3.0	#6 AGN Monitor	2	
0112.COMP	10	08:38	12:21:31.7	+28:13:59	300	90	3.0	#6 AGN Monitor	2	
0113.3C279	600	08:42	12:56:11.1	-05:47:22	300	90	3.0	#6 AGN Monitor	2	
0114.COMP	10	08:52	12:56:11.1	-05:47:22	300	90	3.0	#6 AGN Monitor	2	
0115.N5548	210	08:54	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0116.N5548	210	08:58	14:17:59.6	+25:08:12	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
0117.COMP	10	09:02	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0118.PG1553+113	300	09:04	15:55:43.0	+11:11:24	300	90	3.0	#6 AGN Monitor	2	
0119.PG1553+113	300	09:09	15:55:43.0	+11:11:24	300	90	3.0	#6 AGN Monitor	2	
0120.COMP	10	09:15	15:55:43.0	+11:11:24	300	90	3.0	#6 AGN Monitor	2	
0121.MRK501	180	09:16	16:53:52.1	+39:45:36	300	90	3.0	#6 AGN Monitor	2	
0122.MRK501	180	09:20	16:53:52.1	+39:45:36	300	90	3.0	#6 AGN Monitor	2	
0123.COMP	10	09:24	16:53:52.1	+39:45:36	300	90	3.0	#6 AGN Monitor	2	
0124.BDp262606	60	09:26	14:49:02.4	+25:42:09	300	63	3.0	#56 Spectropho	2	
0125.COMP	10	09:28	14:49:02.4	+25:42:09	300	63	3.0	#56 Spectropho	2	
0126.BDp332642	120	09:30	15:51:59.9	+32:56:54	300	6	3.0	#56 Spectropho	2	
0127.COMP	10	09:33	15:51:59.9	+32:56:54	300	6	3.0	#56 Spectropho	2	
0128.sn2009dc	1200	09:35	15:51:12.1	+25:42:28	300	17	3.0	#2 SN Observat	2	
0129.COMP	10	09:56	15:51:12.1	+25:42:28	300	17	3.0	#2 SN Observat	2	
0130.PN01	1800	10:03	18:42:11.4	+00:50:32	300	80	3.0	#187 Stellar X	2	
0131.COMP	10	10:33	18:42:11.4	+00:50:32	300	80	3.0	#187 Stellar X	2	
0132.PN03	1200	10:37	18:55:25.8	-00:48:23	300	90	3.0	#187 Stellar X	2	row=69
0133.COMP	10	10:58	18:55:25.8	-00:48:23	300	90	3.0	#187 Stellar X	2	
0134.SDSSJ1622-0018	1800	11:07	16:22:23.3	-00:18:37	300	90	3.0	#181 Populatio	2	
0135.COMP	10	11:38	16:22:23.3	-00:18:37	300	90	3.0	#181 Populatio	2	
0136.TCrB	15	11:41	15:59:30.0	+25:55:12	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>
0137.TCrB	60	11:42	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0138.COMP	10	11:43	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0139.AGDra	2	11:45	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0140.AGDra	15	11:45	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0141.AGDra	60	11:46	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0142.COMP	10	11:47	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0143.1ES1959p650	300	11:50	19:59:59.8	+65:08:55	300	90	3.0	#6 AGN Monitor	2	
0144.COMP	10	11:56	19:59:59.8	+65:08:55	300	90	3.0	#6 AGN Monitor	2	
0145.N5866	180	11:58	15:06:29.5	+55:45:48	300	90	3.0	#57 Velocity S	2	
0146.COMP	10	12:01	15:06:29.5	+55:45:48	300	90	3.0	#57 Velocity S	2	
0147-0156.BIAS	0	12:09	15:06:29.5	+55:45:48	300	90	3.0	#57 Velocity S	2	
0157-0176.FLAT	7	12:16	15:06:29.5	+55:45:48	300	90	3.0	#57 Velocity S	2	
0177-0186.DARK	900	14:37	15:06:29.5	+55:45:48	300	90	3.0	#57 Velocity S	4	
0187-0196.DARK	900	17:11	15:06:29.5	+55:45:48	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
0001-0002.BIAS	0	00:02	06:17:49.9	+31:30:34	300	90	3.0	#57 Velocity S	2	
0003-0007.DARK	900	01:14	06:17:49.9	+31:30:34	300	90	3.0	#57 Velocity S	2	
0008-0017.BIAS	0	02:04	06:17:49.9	+31:30:34	300	90	3.0	#57 Velocity S	2	
0018-0032.FLAT	7	02:10	06:17:49.9	+31:30:34	300	90	3.0	#57 Velocity S	2	
0036.COMP	10	02:31	06:17:49.9	+31:30:34	300	90	3.0	#57 Velocity S	2	
0037.HD52071	5	02:48	07:00:58.2	+27:09:27	300	90	3.0	#57 Velocity S	2	
0038.HD52071	5	02:49	07:00:58.2	+27:09:27	300	90	3.0	#57 Velocity S	2	
0039.COMP	10	02:49	07:00:58.2	+27:09:27	300	90	3.0	#57 Velocity S	2	
0040.HD84937	20	02:54	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0041.HD84937	20	02:54	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0042.COMP	10	02:55	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0043.BGGem	300	03:06	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0044.COMP	10	03:12	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0045.BXMon	15	03:14	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0046.BXMon	180	03:16	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0047.COMP	10	03:19	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0048.SS129	300	03:26	07:32:45.0	-26:49:16	300	76	3.0	#12 Symbiotic	2	
0049.SS129	300	03:31	07:32:45.0	-26:49:16	300	76	3.0	#12 Symbiotic	2	
0050.COMP	10	03:37	07:32:45.0	-26:49:16	300	76	3.0	#12 Symbiotic	2	
0051.N3227	180	03:41	10:23:30.6	+19:51:54	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
0052.N3227	180	03:44	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0053.COMP	10	03:49	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0054.MRK421	240	03:51	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0055.MRK421	240	03:56	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0056.COMP	10	04:00	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0057.N4051	150	04:02	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0058.N4051	150	04:05	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0059.COMP	10	04:08	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0060.N4151	60	04:10	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0061.N4151	60	04:11	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0062.COMP	10	04:13	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0063.WCom	600	04:15	12:21:31.7	+28:13:59	300	90	3.0	#6 AGN Monitor	2	
0064.COMP	10	04:26	12:21:31.7	+28:13:59	300	90	3.0	#6 AGN Monitor	2	
0065.3C279	720	04:28	12:56:11.1	-05:47:22	300	90	3.0	#6 AGN Monitor	2	
0066.COMP	10	04:41	12:56:11.1	-05:47:22	300	90	3.0	#6 AGN Monitor	2	
0067.Feige34	180	04:49	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0068.Feige34	180	04:53	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0069.COMP	10	04:56	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0070.sn2009dd	900	05:06	12:05:33.7	+50:32:20	300	90	3.0	#2 SN Observat	2	
0071.COMP	10	05:23	12:05:33.7	+50:32:20	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
0072.sn2009bv	1800	05:31	13:07:20.5	+35:47:04	300	90	3.0	#2 SN Observat	2	
0073.COMP	10	06:02	13:07:20.5	+35:47:04	300	90	3.0	#2 SN Observat	2	
0074.SDSS1448+0424	1200	06:08	14:48:42.5	+04:24:03	300	90	3.0	#165 Quasar Br	2	
0075.SDSS1448+0424	1200	06:28	14:48:42.5	+04:24:03	300	90	3.0	#165 Quasar Br	2	
0076.SDSS1448+0424	1200	06:48	14:48:42.5	+04:24:03	300	90	3.0	#165 Quasar Br	2	
0077.COMP	10	07:09	14:48:42.5	+04:24:03	300	90	3.0	#165 Quasar Br	2	
0080.SDSS1513+6059	1200	07:42	15:13:07.7	+60:59:57	300	90	3.0	#165 Quasar Br	2	
0081.COMP	10	08:03	15:13:07.7	+60:59:57	300	90	3.0	#165 Quasar Br	2	
0082.SDSS1602+3807	1200	08:07	16:02:07.7	+38:07:43	300	90	3.0	#165 Quasar Br	2	
0083.SDSS1602+3807	1200	08:27	16:02:07.7	+38:07:43	300	90	3.0	#165 Quasar Br	2	
0084.SDSS1602+3807	1200	08:47	16:02:07.7	+38:07:43	300	90	3.0	#165 Quasar Br	2	
0085.COMP	10	09:09	16:02:07.7	+38:07:43	300	90	3.0	#165 Quasar Br	2	
0086.sn2009dc	1800	09:16	15:51:12.1	+25:42:28	300	90	3.0	#2 SN Observat	2	
0087.COMP	10	09:47	15:51:12.1	+25:42:28	300	90	3.0	#2 SN Observat	2	
0088.TXCVn	10	09:52	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0089.TXCVn	30	09:52	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0090.COMP	10	09:54	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0091.RWHya	2	09:57	13:34:18.0	-25:22:51	300	2	3.0	#12 Symbiotic	2	
0092.RWHya	10	09:57	13:34:18.0	-25:22:51	300	2	3.0	#12 Symbiotic	2	
0093.RWHya	20	09:58	13:34:18.0	-25:22:51	300	2	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0094.COMP	10	09:59	13:34:18.0	-25:22:51	300	2	3.0	#12 Symbiotic	2	
0095.AGDra	2	10:04	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0096.AGDra	10	10:04	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0097.AGDra	60	10:05	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0098.COMP	10	10:08	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0099.AS210	5	10:12	16:51:20.3	-26:00:33	300	90	3.0	#12 Symbiotic	2	
0100.AS210	300	10:13	16:51:20.3	-26:00:33	300	90	3.0	#12 Symbiotic	2	
0101.COMP	10	10:19	16:51:20.3	-26:00:33	300	90	3.0	#12 Symbiotic	2	
0102.Hen1341	12	10:22	17:08:36.0	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0103.Hen1341	30	10:23	17:08:36.0	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0104.Hen1341	60	10:24	17:08:36.0	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0105.COMP	10	10:25	17:08:36.0	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0106.DracoC1	1200	10:30	17:19:58.0	+57:50:06	300	90	3.0	#12 Symbiotic	2	
0107.COMP	10	10:51	17:19:58.0	+57:50:06	300	90	3.0	#12 Symbiotic	2	
0108.RSOph	10	10:54	17:50:13.0	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0109.RSOph	60	10:55	17:50:13.0	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0110.RSOph	150	10:56	17:50:13.0	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0111.COMP	10	10:59	17:50:13.0	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0112.AS270	60	11:04	18:05:33.7	-20:20:38	300	90	3.0	#12 Symbiotic	2	
0113.AS270	300	11:07	18:05:33.7	-20:20:38	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
0114.COMP	10	11:12	18:05:33.7	-20:20:38	300	90	3.0	#12 Symbiotic	2	
0115.Hen1591	120	11:18	18:07:32.0	-25:53:43	300	90	3.0	#12 Symbiotic	2	
0116.Hen1591	300	11:21	18:07:32.0	-25:53:43	300	90	3.0	#12 Symbiotic	2	
0117.COMP	10	11:26	18:07:32.0	-25:53:43	300	90	3.0	#12 Symbiotic	2	
0118.AS281	60	11:32	18:10:44.0	-27:57:57	300	90	3.0	#12 Symbiotic	2	
0119.AS281	360	11:33	18:10:44.0	-27:57:57	300	90	3.0	#12 Symbiotic	2	
0120.COMP	10	11:41	18:10:44.0	-27:57:57	300	90	3.0	#12 Symbiotic	2	
0121.AS289	15	11:44	18:12:22.0	-11:40:08	300	90	3.0	#12 Symbiotic	2	
0122.AS289	120	11:45	18:12:22.0	-11:40:08	300	90	3.0	#12 Symbiotic	2	
0123.COMP	10	11:47	18:12:22.0	-11:40:08	300	90	3.0	#12 Symbiotic	2	
0124.YYHer	10	11:50	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0125.YYHer	60	11:50	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0126.COMP	10	11:52	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0127.AS296	30	11:55	18:15:07.0	-00:18:52	300	90	3.0	#12 Symbiotic	2	
0128.AS296	120	11:56	18:15:07.0	-00:18:52	300	90	3.0	#12 Symbiotic	2	
0129.COMP	10	11:59	18:15:07.0	-00:18:52	300	90	3.0	#12 Symbiotic	2	
0130-0139.BIAS	0	12:07	18:15:07.0	-00:18:52	300	90	3.0	#56 Spectropho	2	
0140-0154.FLAT	7	12:12	18:15:07.0	-00:18:52	300	90	3.0	#56 Spectropho	2	
0155-0180.DARK	900	18:37	18:15:07.0	-00:18:52	300	90	3.0	#56 Spectropho	2	

UT Date 2009-04-20 Observers W PetersColl. Focus 1310 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0015.DARK	900	01:59	18:15:07.0	-00:18:52	300	90	3.0	#56 Spectropho	2	
0016-0025.BIAS	0	02:32	18:15:07.0	-00:18:52	300	90	3.0	#56 Spectropho	2	
0026-0040.FLAT	7	02:37	18:15:07.0	-00:18:52	300	90	3.0	#56 Spectropho	2	
0041.HD84937	20	02:50	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0042.HD84937	20	02:50	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0043.COMP	10	02:51	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0044.N3379	180	02:56	10:47:49.6	+12:34:54	300	90	3.0	#57 Velocity S	2	
0045.N3379	180	03:00	10:47:49.6	+12:34:54	300	90	3.0	#57 Velocity S	2	
0046.COMP	10	03:03	10:47:49.6	+12:34:54	300	90	3.0	#57 Velocity S	2	
0047.SDSSJ1050-2056	1200	03:21	10:50:34.3	-20:56:07	300	90	3.0	#181 Populatio	2	
0048.COMP	10	03:42	10:50:34.3	-20:56:07	300	90	3.0	#181 Populatio	2	
0049.RXJ1117p2014	1200	03:46	11:17:06.1	+20:14:07	300	90	3.0	#6 AGN Monitor	2	
0050.COMP	10	04:08	11:17:06.1	+20:14:07	300	90	3.0	#6 AGN Monitor	2	
0051.Feige34	180	04:11	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0052.Feige34	180	04:14	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0053.COMP	10	04:17	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0054.2M113522.85+3043434	660	04:21	11:35:22.9	+30:43:43	300	90	3.0	#141 Mapping t	2	
0055.COMP	10	04:33	11:35:22.9	+30:43:43	300	90	3.0	#141 Mapping t	2	
0056.2M113828.80-1813187	1020	04:39	11:38:28.8	-18:13:19	300	90	3.0	#141 Mapping t	2	
0057.COMP	10	04:56	11:38:28.8	-18:13:19	300	90	3.0	#141 Mapping t	2	

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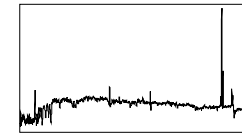
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0058.2M113833.67+2523532	1800	05:01	11:38:33.7	+25:23:53	300	90	3.0	#141 Mapping t	2	
0059.COMP	10	05:32	11:38:33.7	+25:23:53	300	90	3.0	#141 Mapping t	2	
0060.sn2008in	1200	05:44	12:22:01.8	+04:28:47	300	0	3.0	#2 SN Observat	2	
0061.COMP	10	06:05	12:22:01.8	+04:28:47	300	0	3.0	#2 SN Observat	2	
0062.2M114258.60+5933512	900	06:14	11:42:58.6	+59:33:51	300	90	3.0	#141 Mapping t	2	
0063.COMP	10	06:30	11:42:58.6	+59:33:51	300	90	3.0	#141 Mapping t	2	
0064.2M114702.09+2054543	420	06:33	11:47:02.1	+20:54:54	300	90	3.0	#141 Mapping t	2	
0065.COMP	10	06:41	11:47:02.1	+20:54:54	300	90	3.0	#141 Mapping t	2	
0066.2M120631.80-0744284	1500	06:59	12:06:31.8	-07:44:28	300	90	3.0	#141 Mapping t	2	
0067.COMP	10	07:25	12:06:31.8	-07:44:28	300	90	3.0	#141 Mapping t	2	
0068.2M120942.93-0728168	1200	07:27	12:09:42.9	-07:28:17	300	90	3.0	#141 Mapping t	2	
0069.COMP	10	07:50	12:09:42.9	-07:28:17	300	90	3.0	#141 Mapping t	2	
0070.2M134118.31+2429460	1320	07:57	13:41:18.3	+24:29:46	300	90	3.0	#141 Mapping t	2	
0071.COMP	10	08:20	13:41:18.3	+24:29:46	300	90	3.0	#141 Mapping t	2	
0072.2M134218.26+7114305	1200	08:25	13:42:18.3	+71:14:31	300	90	3.0	#141 Mapping t	2	
0073.COMP	10	08:46	13:42:18.3	+71:14:31	300	90	3.0	#141 Mapping t	2	
0074.2M134257.07-0456540	1200	08:50	13:42:57.1	-04:56:54	300	81	3.0	#141 Mapping t	2	
0075.COMP	10	09:11	13:42:57.1	-04:56:54	300	81	3.0	#141 Mapping t	2	
0076.sn2009dc	1800	09:21	15:51:12.1	+25:42:28	300	0	3.0	#2 SN Observat	2	
0077.COMP	10	09:52	15:51:12.1	+25:42:28	300	0	3.0	#2 SN Observat	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>
0078.2M153723.06-1634148	900	09:59	15:37:23.1	-16:34:15	300	81	3.0	#141 Mapping t	2	
0079.COMP	10	10:15	15:37:23.1	-16:34:15	300	81	3.0	#141 Mapping t	2	
0082.BIAS	0	11:55	17:53:37.0	+31:30:53	300	90	3.0	#181 Populatio	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	00:42	07:13:56.0	+31:31:20	300	90	3.0	#181 Populatio	2	
0002.FLAT	7	00:46	07:13:56.0	+31:31:20	300	90	3.0	#181 Populatio	2	
0003-0007.DARK	900	02:05	07:13:56.0	+31:31:20	300	90	3.0	#181 Populatio	2	
0008-0017.BIAS	0	02:25	07:13:56.0	+31:31:20	300	90	3.0	#181 Populatio	2	
0018-0032.FLAT	7	02:30	07:13:56.0	+31:31:20	300	90	3.0	#181 Populatio	2	
0034.N3377	180	02:55	10:47:42.4	+13:59:08	300	90	3.0	#57 Velocity S	2	
0035.N3377	180	02:58	10:47:42.4	+13:59:08	300	90	3.0	#57 Velocity S	2	
0036.COMP	10	03:02	10:47:42.4	+13:59:08	300	90	3.0	#57 Velocity S	2	
0037.HD84937	20	03:11	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0038.HD84937	20	03:11	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0039.COMP	10	03:13	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0040.Xstar22	1500	03:18	10:00:45.9	+01:48:20	300	90	3.0	#187 Stellar X	2	
0041.COMP	10	03:44	10:00:45.9	+01:48:20	300	90	3.0	#187 Stellar X	2	
0042.Xstar24	1500	03:50	09:59:10.2	+01:53:14	300	90	3.0	#187 Stellar X	2	
0043.COMP	10	04:15	09:59:10.2	+01:53:14	300	90	3.0	#187 Stellar X	2	
0044.Feige34	180	04:18	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0045.Feige34	180	04:21	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0046.COMP	10	04:26	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0047.Xstar36	1500	04:33	10:01:16.7	+02:17:14	300	90	3.0	#187 Stellar X	2	
0048.COMP	10	04:59	10:01:16.7	+02:17:14	300	90	3.0	#187 Stellar X	2	

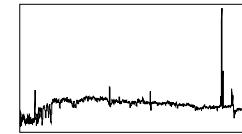
UT Date 2009-04-21 Observers W PetersColl. Focus 1310 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0049.Xstar37	1800	05:03	10:00:11.4	+02:28:34	300	90	3.0	#187 Stellar X	2	
0050.COMP	10	05:34	10:00:11.4	+02:28:34	300	90	3.0	#187 Stellar X	2	
0051.N3227	180	05:43	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0052.N3227	180	05:46	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0053.COMP	10	05:49	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0054.MRK421	240	05:52	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0055.MRK421	240	05:56	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0056.COMP	10	06:01	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0057.N3627	150	06:03	11:20:15.1	+12:59:22	300	90	3.0	#6 AGN Monitor	2	
0058.N3627	150	06:06	11:20:15.1	+12:59:22	300	90	3.0	#6 AGN Monitor	2	
0059.COMP	10	06:10	11:20:15.1	+12:59:22	300	90	3.0	#6 AGN Monitor	2	
0060.sn2009dd	900	06:18	12:05:33.7	+50:32:20	300	-20	3.0	#2 SN Observat	2	
0061.COMP	10	06:34	12:05:33.7	+50:32:20	300	-20	3.0	#2 SN Observat	2	
0062.sn2009bv	1800	06:42	13:07:20.5	+35:47:04	300	90	3.0	#2 SN Observat	2	
0063.COMP	10	07:14	13:07:20.5	+35:47:04	300	90	3.0	#2 SN Observat	2	
0064.2M134937.59+1516360	420	07:51	13:49:37.6	+15:16:36	300	90	3.0	#141 Mapping t	2	
0065.COMP	10	07:58	13:49:37.6	+15:16:36	300	90	3.0	#141 Mapping t	2	
0066.2M135002.04+1922119	420	08:01	13:50:02.0	+19:22:12	300	90	3.0	#141 Mapping t	2	
0067.COMP	10	08:09	13:50:02.0	+19:22:12	300	90	3.0	#141 Mapping t	2	
0068.2M135011.45-0652096	420	08:11	13:50:11.5	-06:52:10	300	90	3.0	#141 Mapping t	2	

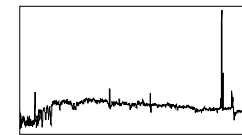


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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0069.COMP	10	08:19	13:50:11.5	-06:52:10	300	90	3.0	#141 Mapping t	2	
0070.2M140252.76+7304566	1500	08:25	14:02:52.8	+73:04:57	300	90	3.0	#141 Mapping t	2	
0071.COMP	10	08:51	14:02:52.8	+73:04:57	300	90	3.0	#141 Mapping t	2	
0072.2M134310.41+7057377	1800	09:00	13:43:10.4	+70:57:38	300	90	3.0	#141 Mapping t	2	
0073.COMP	10	09:32	13:43:10.4	+70:57:38	300	90	3.0	#141 Mapping t	2	
0074.AGDra	2	09:35	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0075.AGDra	15	09:35	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0076.AGDra	45	09:36	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0077.COMP	10	09:37	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0079.sn2009dc	1800	09:55	15:51:12.1	+25:42:28	300	49	3.0	#2 SN Observat	2	
0080.COMP	10	10:26	15:51:12.1	+25:42:28	300	49	3.0	#2 SN Observat	2	
0081.SDSSJ1623+0600	1200	10:37	16:23:53.8	+06:00:07	300	90	3.0	#181 Populatio	2	
0082.COMP	10	10:57	16:23:53.8	+06:00:07	300	90	3.0	#181 Populatio	2	
0083.SDSSJ1623+1156	1620	11:05	16:23:05.1	+11:56:53	300	90	3.0	#181 Populatio	2	
0084.COMP	10	11:33	16:23:05.1	+11:56:53	300	90	3.0	#181 Populatio	2	
0085.Hen1674	120	11:42	18:20:19.1	-26:22:46	300	90	3.0	#12 Symbiotic	2	
0086.Hen1674	600	11:47	18:20:19.1	-26:22:46	300	90	3.0	#12 Symbiotic	2	
0087.COMP	10	11:58	18:20:19.1	-26:22:46	300	90	3.0	#12 Symbiotic	2	
0088-0097.BIAS	0	12:10	18:20:19.1	-26:22:46	300	90	3.0	#57 Velocity S	2	
0098-0112.FLAT	7	12:15	18:20:19.1	-26:22:46	300	90	3.0	#57 Velocity S	2	

UT Date 2009-04-21 Observers W PetersColl. Focus 1310 Grating/Grism 300

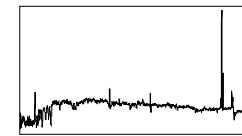
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0113-0117.DARK	900	13:23	18:20:19.1	-26:22:46	300	90	3.0	#57 Velocity S	2	

UT Date 2009-04-22 Observers A VazColl. Focus 1310 Grating/Grism 300

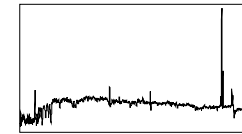
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	19:11	18:20:19.1	-26:22:46	300	90	3.0	#57 Velocity S	2	
0002-0006.DARK	900	21:12	18:20:19.1	-26:22:46	300	90	3.0	#57 Velocity S	2	
0007.BIAS	0	22:09	04:37:49.4	+31:29:15	300	90	3.0	#57 Velocity S	2	
0008.DARK	900	22:10	04:37:49.4	+31:29:15	300	90	3.0	#57 Velocity S	2	
0009-0017.BIAS	0	22:46	04:37:49.4	+31:29:15	300	90	3.0	#57 Velocity S	2	
0018.DARK	0	22:46	04:37:49.4	+31:29:15	300	90	3.0	#57 Velocity S	2	
0019.DARK	900	22:59	04:37:49.4	+31:29:15	300	90	3.0	#57 Velocity S	2	
0020-0029.BIAS	0	00:13	06:07:09.0	+31:30:26	300	90	3.0	#57 Velocity S	2	
0030-0044.FLAT	7	00:18	06:07:09.0	+31:30:26	300	90	3.0	#57 Velocity S	2	
0045-0049.DARK	900	01:38	06:07:09.0	+31:30:26	300	90	3.0	#57 Velocity S	2	
0050.COMP	10	01:56	06:07:09.0	+31:30:26	300	90	3.0	#57 Velocity S	2	
0051.COMP	10	01:59	06:07:09.0	+31:30:26	300	90	3.0	#57 Velocity S	2	
0052.COMP	10	02:00	06:07:09.0	+31:30:26	300	90	3.0	#57 Velocity S	2	
0053.COMP	10	02:02	06:07:09.0	+31:30:26	300	90	3.0	#57 Velocity S	2	
0054.HD84937	20	02:58	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0055.HD84937	20	03:00	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0056.HD84937	20	03:01	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0057.COMP	10	03:02	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0058.SDSSJ0930+0218	1200	03:05	09:30:16.9	+02:18:38	300	90	3.0	#181 Populatio	2	
0059.COMP	10	03:25	09:30:16.9	+02:18:38	300	90	3.0	#181 Populatio	2	

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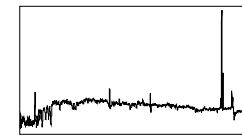
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0060.Feige34	180	03:29	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0061.Feige34	240	03:32	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0062.Feige34	240	03:36	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0063.COMP	10	03:41	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0064.SDSSJ1038+4434	1800	03:44	10:38:43.9	+44:34:40	300	90	3.0	#181 Populatio	2	
0065.COMP	10	04:15	10:38:43.9	+44:34:40	300	90	3.0	#181 Populatio	2	
0066.N3377	180	04:17	10:47:42.4	+13:59:08	300	90	3.0	#57 Velocity S	2	
0067.N3377	240	04:21	10:47:42.4	+13:59:08	300	90	3.0	#57 Velocity S	2	
0068.N3377	240	04:25	10:47:42.4	+13:59:08	300	90	3.0	#57 Velocity S	2	
0069.COMP	10	04:29	10:47:42.4	+13:59:08	300	90	3.0	#57 Velocity S	2	
0070.SDSSJ1108-1612	1800	04:35	11:08:59.5	-16:12:14	300	90	3.0	#181 Populatio	2	
0071.COMP	10	05:05	11:08:59.5	-16:12:14	300	90	3.0	#181 Populatio	2	
0072.N4151	120	05:09	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0073.N4151	120	05:12	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0074.N4151	60	05:14	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0075.COMP	10	05:15	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0076.WCom	600	05:17	12:21:31.7	+28:13:59	300	90	3.0	#6 AGN Monitor	2	
0077.COMP	10	05:27	12:21:31.7	+28:13:59	300	90	3.0	#6 AGN Monitor	2	
0078.3C279	720	05:30	12:56:11.1	-05:47:22	300	90	3.0	#6 AGN Monitor	2	
0079.COMP	10	05:42	12:56:11.1	-05:47:22	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
0080.sn2009an	1800	05:50	12:22:47.4	+65:51:04	300	-6	3.0	#2 SN Observat	2	
0081.COMP	10	06:20	12:22:47.4	+65:51:04	300	-6	3.0	#2 SN Observat	2	
0082.N5548	240	06:27	14:17:59.6	+25:08:12	300	89	3.0	#6 AGN Monitor	2	
0083.N5548	240	06:31	14:17:59.6	+25:08:12	300	89	3.0	#6 AGN Monitor	2	
0084.COMP	10	06:36	14:17:59.6	+25:08:12	300	89	3.0	#6 AGN Monitor	2	
0085.SDSSJ1320+6759	1800	06:49	13:21:00.0	+67:59:59	300	89	3.0	#181 Populatio	2	
0086.COMP	10	07:20	13:21:00.0	+67:59:59	300	89	3.0	#181 Populatio	2	
0087.SDSSJ1504+6613	2100	07:27	15:04:34.2	+66:13:11	300	89	3.0	#181 Populatio	2	
0088.COMP	10	08:03	15:04:34.2	+66:13:11	300	89	3.0	#181 Populatio	2	
0089.SDSSJ1551+1439	1800	08:05	15:51:33.2	+14:39:38	300	89	3.0	#181 Populatio	2	
0090.COMP	10	08:36	15:51:33.2	+14:39:38	300	89	3.0	#181 Populatio	2	
0091.sn2009dc	1800	08:40	15:51:12.1	+25:42:28	300	89	3.0	#2 SN Observat	2	
0092.COMP	10	09:11	15:51:12.1	+25:42:28	300	89	3.0	#2 SN Observat	2	
0093.PG1553+113	420	09:13	15:55:43.0	+11:11:24	300	89	3.0	#6 AGN Monitor	2	
0094.COMP	10	09:20	15:55:43.0	+11:11:24	300	89	3.0	#6 AGN Monitor	2	
0095.PG1553+113	600	09:21	15:55:43.0	+11:11:24	300	89	3.0	#6 AGN Monitor	2	
0096.COMP	10	09:31	15:55:43.0	+11:11:24	300	89	3.0	#6 AGN Monitor	2	
0097.AGDra	2	09:40	16:01:41.0	+66:48:10	300	89	3.0	#12 Symbiotic	2	
0098.AGDra	15	09:40	16:01:41.0	+66:48:10	300	89	3.0	#12 Symbiotic	2	
0099.AGDra	45	09:41	16:01:41.0	+66:48:10	300	89	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>
0100.COMP	10	09:42	16:01:41.0	+66:48:10	300	89	3.0	#12 Symbiotic	2	
0101.MRK501	180	09:44	16:53:52.1	+39:45:36	300	89	3.0	#6 AGN Monitor	2	
0102.MRK501	180	09:48	16:53:52.1	+39:45:36	300	89	3.0	#6 AGN Monitor	2	
0103.COMP	10	09:51	16:53:52.1	+39:45:36	300	89	3.0	#6 AGN Monitor	2	
0104.SDSSJ1636+3458	1800	10:18	16:36:54.2	+34:58:02	300	89	3.0	#181 Populatio	2	
0105.COMP	10	10:49	16:36:54.2	+34:58:02	300	89	3.0	#181 Populatio	2	
0106-0115.BIAS	0	12:44	17:48:23.0	+54:08:55	300	89	3.0	#181 Populatio	2	
0116-0130.FLAT	7	12:50	17:48:23.0	+54:08:55	300	89	3.0	#181 Populatio	2	
0131-0135.DARK	900	13:54	17:48:23.0	+54:08:55	300	89	3.0	#181 Populatio	2	
0136-0138.DARK	900	18:37	23:18:55.7	+31:27:33	300	89	3.0	#181 Populatio	2	

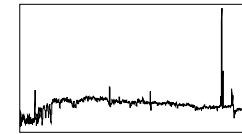
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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	19:28	23:18:55.7	+31:27:33	300	89	3.0	#181 Populatio	2	
0002.BIAS	0	19:59	23:18:55.7	+31:27:33	300	89	3.0	#181 Populatio	2	
0003-0006.DARK	900	22:02	23:18:55.7	+31:27:33	300	89	3.0	#181 Populatio	2	
0007-0016.BIAS	0	23:45	06:19:19.8	+31:30:36	300	89	3.0	#181 Populatio	2	
0017-0031.FLAT	7	23:50	06:19:19.8	+31:30:36	300	89	3.0	#181 Populatio	2	
0032-0036.DARK	900	00:53	06:19:19.8	+31:30:36	300	89	3.0	#181 Populatio	2	
0037.COMP	10	02:04	06:19:19.8	+31:30:36	300	89	3.0	#181 Populatio	2	
0038.COMP	10	02:06	06:19:19.8	+31:30:36	300	89	3.0	#181 Populatio	2	
0039.2M091607.50+1744040	1200	02:53	09:16:07.5	+17:44:04	300	89	3.0	#141 Mapping t	2	
0040.COMP	10	03:13	09:16:07.5	+17:44:04	300	89	3.0	#141 Mapping t	2	
0041.HD84937	20	03:15	09:48:56.1	+13:44:39	300	89	3.0	#56 Spectropho	2	
0042.HD84937	20	03:16	09:48:56.1	+13:44:39	300	89	3.0	#56 Spectropho	2	
0043.HD84937	20	03:16	09:48:56.1	+13:44:39	300	89	3.0	#56 Spectropho	2	
0044.COMP	10	03:22	09:48:56.1	+13:44:39	300	89	3.0	#56 Spectropho	2	
0045.2M091719.66+1137436	1200	03:24	09:17:19.7	+11:37:44	300	89	3.0	#141 Mapping t	2	
0046.COMP	10	03:44	09:17:19.7	+11:37:44	300	89	3.0	#141 Mapping t	2	
0047.2M091807.37+0946349	1200	03:45	09:18:07.4	+09:46:35	300	89	3.0	#141 Mapping t	2	
0048.COMP	10	04:06	09:18:07.4	+09:46:35	300	89	3.0	#141 Mapping t	2	
0049.Feige34	240	04:09	10:39:36.7	+43:06:09	300	89	3.0	#56 Spectropho	2	
0050.Feige34	240	04:13	10:39:36.7	+43:06:09	300	89	3.0	#56 Spectropho	2	

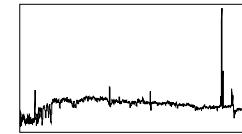
UT Date 2009-04-23 Observers A VazColl. Focus 1310 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0051.COMP	10	04:17	10:39:36.7	+43:06:09	300	89	3.0	#56 Spectropho	2	
0052.N3377	240	04:19	10:47:42.4	+13:59:08	300	89	3.0	#57 Velocity S	2	
0053.N3377	240	04:25	10:47:42.4	+13:59:08	300	89	3.0	#57 Velocity S	2	
0054.COMP	10	04:29	10:47:42.4	+13:59:08	300	89	3.0	#57 Velocity S	2	
0055.2M092356.62+1325509	900	04:32	09:23:56.6	+13:25:51	300	89	3.0	#141 Mapping t	2	
0056.COMP	10	04:47	09:23:56.6	+13:25:51	300	89	3.0	#141 Mapping t	2	
0057.2M092211.05+0655466	900	04:51	09:22:11.0	+06:55:47	300	89	3.0	#141 Mapping t	2	
0058.COMP	10	05:07	09:22:11.0	+06:55:47	300	89	3.0	#141 Mapping t	2	
0059.2M092547.50+6927532	900	05:09	09:25:47.5	+69:27:53	300	89	3.0	#141 Mapping t	2	
0060.COMP	10	05:25	09:25:47.5	+69:27:53	300	89	3.0	#141 Mapping t	2	
0061.sn2009bv	1800	05:29	13:07:20.5	+35:47:04	300	89	3.0	#2 SN Observat	2	
0062.COMP	10	05:59	13:07:20.5	+35:47:04	300	89	3.0	#2 SN Observat	2	
0063.2M134310.41+7057377	1200	06:02	13:43:10.4	+70:57:38	300	89	3.0	#141 Mapping t	2	
0064.COMP	10	06:23	13:43:10.4	+70:57:38	300	89	3.0	#141 Mapping t	2	
0065.2M140402.98+1744414	1200	06:25	14:04:03.0	+17:44:41	300	89	3.0	#141 Mapping t	2	
0066.COMP	10	06:46	14:04:03.0	+17:44:41	300	89	3.0	#141 Mapping t	2	
0067.2M140541.83+7215173	1200	06:59	14:05:41.8	+72:15:17	300	89	3.0	#141 Mapping t	2	
0068.COMP	10	07:20	14:05:41.8	+72:15:17	300	89	3.0	#141 Mapping t	2	
0069.2M140853.00+0724461	900	07:23	14:08:53.0	+07:24:46	300	89	3.0	#141 Mapping t	2	
0070.COMP	10	07:39	14:08:53.0	+07:24:46	300	89	3.0	#141 Mapping t	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0071.2M141110.64+2149176	900	07:41	14:11:10.6	+21:49:18	300	89	3.0	#141 Mapping t	2	
0072.COMP	10	07:57	14:11:10.6	+21:49:18	300	89	3.0	#141 Mapping t	2	
0073.2M141113.94+2105416	600	07:58	14:11:13.9	+21:05:42	300	89	3.0	#141 Mapping t	2	
0074.COMP	10	08:09	14:11:13.9	+21:05:42	300	89	3.0	#141 Mapping t	2	
0075.2M141610.66+0341508	600	08:11	14:16:10.7	+03:41:51	300	89	3.0	#141 Mapping t	2	
0076.COMP	10	08:21	14:16:10.7	+03:41:51	300	89	3.0	#141 Mapping t	2	
0077.2M142210.29+2254530	720	08:24	14:22:10.3	+22:54:53	300	89	3.0	#141 Mapping t	2	
0078.COMP	10	08:36	14:22:10.3	+22:54:53	300	89	3.0	#141 Mapping t	2	
0079.2M142213.96+1723505	600	08:37	14:22:14.0	+17:23:50	300	89	3.0	#141 Mapping t	2	
0080.COMP	10	08:47	14:22:14.0	+17:23:50	300	89	3.0	#141 Mapping t	2	
0081.2M142437.12+2841203	600	08:49	14:24:37.1	+28:41:20	300	89	3.0	#141 Mapping t	2	
0082.COMP	10	09:00	14:24:37.1	+28:41:20	300	89	3.0	#141 Mapping t	2	
0083.sn2009dc	1800	09:02	15:51:12.1	+25:42:28	300	89	3.0	#2 SN Observat	2	
0084.COMP	10	09:32	15:51:12.1	+25:42:28	300	89	3.0	#2 SN Observat	2	
0085.AGDra	2	09:39	16:01:41.0	+66:48:10	300	89	3.0	#12 Symbiotic	2	
0086.AGDra	15	09:40	16:01:41.0	+66:48:10	300	89	3.0	#12 Symbiotic	2	
0087.AGDra	45	09:41	16:01:41.0	+66:48:10	300	89	3.0	#12 Symbiotic	2	
0088.COMP	10	09:42	16:01:41.0	+66:48:10	300	89	3.0	#12 Symbiotic	2	
0089.SDSSJ1624+1916	420	09:46	16:24:23.7	+19:16:02	300	89	3.0	#181 Populatio	2	
0090.COMP	10	09:54	16:24:23.7	+19:16:02	300	89	3.0	#181 Populatio	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0091.SDSSJ1627+5413	1200	09:58	16:27:05.7	+54:13:09	300	89	3.0	#181 Populatio	2	
0092.COMP	10	10:18	16:27:05.7	+54:13:09	300	89	3.0	#181 Populatio	2	
0093.sn2009ay	1800	10:22	17:48:23.0	+54:08:55	300	89	3.0	#2 SN Observat	2	
0094.COMP	10	10:53	17:48:23.0	+54:08:55	300	89	3.0	#2 SN Observat	2	
0095.SDSSJ1744+2638	1800	10:57	17:44:42.4	+26:38:30	300	90	3.0	#181 Populatio	2	
0096.COMP	10	11:28	17:44:42.4	+26:38:30	300	90	3.0	#181 Populatio	2	
0097.SDSSJ1813+2142	720	11:30	18:13:29.1	+21:42:21	300	90	3.0	#181 Populatio	2	
0098.COMP	10	11:42	18:13:29.1	+21:42:21	300	90	3.0	#181 Populatio	2	
0099-0108.BIAS	0	12:38	18:13:29.1	+21:42:21	300	90	3.0	#181 Populatio	2	
0109-0123.FLAT	7	12:43	18:13:29.1	+21:42:21	300	90	3.0	#181 Populatio	2	
0124-0128.DARK	900	13:47	18:13:29.1	+21:42:21	300	90	3.0	#181 Populatio	2	

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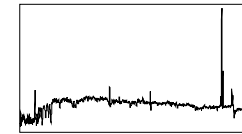
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	23:33	18:13:29.1	+21:42:21	300	90	3.0	#181 Populatio	2	
0011-0025.FLAT	7	23:38	18:13:29.1	+21:42:21	300	90	3.0	#181 Populatio	2	
0026-0030.DARK	900	00:43	18:13:29.1	+21:42:21	300	90	3.0	#181 Populatio	2	
0031.COMP	10	01:11	18:13:29.1	+21:42:21	300	90	3.0	#181 Populatio	2	
0032.COMP	10	02:00	18:13:29.1	+21:42:21	300	90	3.0	#181 Populatio	2	
0033.COMP	10	02:02	18:13:29.1	+21:42:21	300	90	3.0	#181 Populatio	2	
0034.2M084840.56+5025130	900	03:00	08:48:40.6	+50:25:13	300	90	3.0	#141 Mapping t	2	
0035.COMP	10	03:17	08:48:40.6	+50:25:13	300	90	3.0	#141 Mapping t	2	
0036.HD84937	20	03:21	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0037.HD84937	20	03:22	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0038.HD84937	20	03:22	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0039.COMP	10	03:23	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0040.Feige34	240	03:25	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0041.COMP	10	03:30	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0042.Feige34	240	03:30	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0043.COMP	10	03:35	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0044.N3377	240	03:38	10:47:42.4	+13:59:08	300	90	3.0	#57 Velocity S	2	
0045.N3377	240	03:43	10:47:42.4	+13:59:08	300	90	3.0	#57 Velocity S	2	
0046.COMP	10	03:47	10:47:42.4	+13:59:08	300	90	3.0	#57 Velocity S	2	
0047.sn2009a1	1800	03:56	10:51:22.1	+08:34:43	300	1	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0048.COMP	10	04:27	10:51:22.1	+08:34:43	300	1	3.0	#2 SN Observat	2	
0049.SDSSJ1227+6612	2100	04:39	12:27:39.2	+66:12:24	300	90	3.0	#181 Populatio	2	
0050.COMP	10	05:14	12:27:39.2	+66:12:24	300	90	3.0	#181 Populatio	2	
0051.sn2009dd	600	05:17	12:05:33.7	+50:32:20	300	90	3.0	#2 SN Observat	2	
0052.COMP	10	05:28	12:05:33.7	+50:32:20	300	90	3.0	#2 SN Observat	2	
0053.2M135243.24+6807209	900	05:31	13:52:43.2	+68:07:21	300	90	3.0	#141 Mapping t	2	
0054.COMP	10	05:49	13:52:43.2	+68:07:21	300	90	3.0	#141 Mapping t	2	
0055.MRK421	240	05:51	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0056.MRK421	240	05:56	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0057.COMP	10	06:00	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0058.N4051	150	06:04	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0059.N4051	150	06:07	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0060.COMP	10	06:10	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0061.N4151	60	06:14	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0062.N4151	60	06:16	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0063.COMP	10	06:17	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0064.WCom	600	06:20	12:21:31.7	+28:13:59	300	90	3.0	#6 AGN Monitor	2	
0065.COMP	10	06:30	12:21:31.7	+28:13:59	300	90	3.0	#6 AGN Monitor	2	
0066.3C279	720	06:34	12:56:11.1	-05:47:22	300	90	3.0	#6 AGN Monitor	2	
0067.COMP	10	06:46	12:56:11.1	-05:47:22	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
0068.sn2009X1	1200	06:51	12:34:58.3	+50:51:04	300	-41	3.0	#2 SN Observat	2	sn2009X1
0069.COMP	10	07:12	12:34:58.3	+50:51:04	300	-41	3.0	#2 SN Observat	2	
0070.sn2009X1	1800	07:42	12:34:58.3	+50:51:04	300	-62	3.0	#2 SN Observat	2	
0071.COMP	10	08:13	12:34:58.3	+50:51:04	300	-62	3.0	#2 SN Observat	2	
0072.N5548	180	08:18	14:17:59.6	+25:08:12	300	89	3.0	#6 AGN Monitor	2	
0073.N5548	180	08:21	14:17:59.6	+25:08:12	300	89	3.0	#6 AGN Monitor	2	
0074.COMP	10	08:25	14:17:59.6	+25:08:12	300	89	3.0	#6 AGN Monitor	2	
0075.PG1553+113	420	08:27	15:55:43.0	+11:11:24	300	89	3.0	#6 AGN Monitor	2	
0076.PG1553+113	420	08:34	15:55:43.0	+11:11:24	300	89	3.0	#6 AGN Monitor	2	
0077.COMP	10	08:42	15:55:43.0	+11:11:24	300	89	3.0	#6 AGN Monitor	2	
0078.MRK501	180	08:45	16:53:52.1	+39:45:36	300	89	3.0	#6 AGN Monitor	2	
0079.MRK501	180	08:49	16:53:52.1	+39:45:36	300	89	3.0	#6 AGN Monitor	2	
0080.COMP	10	08:53	16:53:52.1	+39:45:36	300	89	3.0	#6 AGN Monitor	2	
0081.sn2009X1	1200	08:57	12:34:58.3	+50:51:04	300	99	3.0	#2 SN Observat	2	
0082.COMP	10	09:18	12:34:58.3	+50:51:04	300	99	3.0	#2 SN Observat	2	
0083.sn2009dc	1800	09:29	15:51:12.1	+25:42:28	300	90	3.0	#2 SN Observat	2	
0084.COMP	10	10:00	15:51:12.1	+25:42:28	300	90	3.0	#2 SN Observat	2	
0085.AGDra	2	10:06	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0086.AGDra	15	10:07	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0087.AGDra	45	10:07	16:01:41.0	+66:48:10	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
0088.AGDra	60	10:09	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0089.COMP	10	10:10	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0090.SDSSJ1709+1019	1800	10:17	17:09:54.2	+10:19:07	300	90	3.0	#181 Populatio	2	
0091.COMP	10	10:48	17:09:54.2	+10:19:07	300	90	3.0	#181 Populatio	2	
0092.SDSSJ1711+5635	600	10:51	17:11:20.5	+56:35:33	300	90	3.0	#181 Populatio	2	
0093.COMP	10	11:01	17:11:20.5	+56:35:33	300	90	3.0	#181 Populatio	2	
0094.SDSSJ1722+2505	720	11:08	17:22:52.8	+25:05:54	300	90	3.0	#181 Populatio	2	
0095.COMP	10	11:22	17:22:52.8	+25:05:54	300	90	3.0	#181 Populatio	2	
0096.SDSSJ1836+4130	720	11:24	18:36:42.5	+41:30:47	300	90	3.0	#181 Populatio	2	
0097.COMP	10	11:37	18:36:42.5	+41:30:47	300	90	3.0	#181 Populatio	2	
0098.SDSSJ1814+4151	600	11:39	18:14:20.5	+41:51:22	300	90	3.0	#181 Populatio	2	
0099.COMP	10	11:51	18:14:20.5	+41:51:22	300	90	3.0	#181 Populatio	2	
0100-0109.BIAS	0	12:48	18:14:20.5	+41:51:22	300	90	3.0	#6 AGN Monitor	2	
0110-0124.FLAT	7	12:54	18:14:20.5	+41:51:22	300	90	3.0	#6 AGN Monitor	2	
0125-0129.DARK	900	13:57	18:14:20.5	+41:51:22	300	90	3.0	#6 AGN Monitor	2	

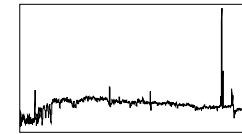
UT Date 2009-04-25 Observers A VazColl. Focus 1310 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	23:42	02:09:47.4	+31:27:50	300	90	3.0	#6 AGN Monitor	2	
0011-0025.FLAT	7	23:48	02:09:47.4	+31:27:50	300	90	3.0	#6 AGN Monitor	2	
0026-0030.DARK	900	00:52	02:09:47.4	+31:27:50	300	90	3.0	#6 AGN Monitor	2	
0031.COMP	10	01:17	02:09:47.4	+31:27:50	300	90	3.0	#6 AGN Monitor	2	
0032.HD84937	40	03:16	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0033.HD84937	240	03:17	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0034.HD84937	60	03:48	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0035.HD84937	50	03:50	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0036.HD84937	50	03:51	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0037.COMP	10	03:52	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0038.Feige34	360	03:56	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0039.Feige34	600	04:04	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0040.Feige34	420	04:14	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0041.COMP	10	04:22	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0042.N3377	300	04:27	10:47:42.4	+13:59:08	300	90	3.0	#57 Velocity S	2	
0043.N3377	300	04:32	10:47:42.4	+13:59:08	300	90	3.0	#57 Velocity S	2	
0044.COMP	10	04:41	10:47:42.4	+13:59:08	300	90	3.0	#57 Velocity S	2	
0045.WCom	720	04:48	12:21:31.7	+28:13:59	300	90	3.0	#6 AGN Monitor	2	
0046.COMP	10	05:01	12:21:31.7	+28:13:59	300	90	3.0	#6 AGN Monitor	2	
0047.sn2009do	2400	05:11	12:34:58.3	+50:51:04	300	10	3.0	#2 SN Observat	2	

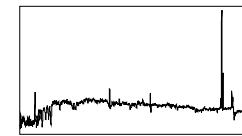
UT Date 2009-04-25 Observers A VazColl. Focus 1310 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0048.COMP	10	05:52	12:34:58.3	+50:51:04	300	10	3.0	#2 SN Observat	2	
0049.2M142437.12+2841203	1200	05:56	14:24:37.1	+28:41:20	300	90	3.0	#141 Mapping t	2	
0050.COMP	10	06:17	14:24:37.1	+28:41:20	300	90	3.0	#141 Mapping t	2	
0051.2M144345.23+1812184	1200	06:19	14:43:45.2	+18:12:18	300	90	3.0	#141 Mapping t	2	
0052.COMP	10	06:40	14:43:45.2	+18:12:18	300	90	3.0	#141 Mapping t	2	
0053.2M144848.82+1723144	1500	06:57	14:48:48.8	+17:23:14	300	90	3.0	#141 Mapping t	2	
0054.COMP	10	07:22	14:48:48.8	+17:23:14	300	90	3.0	#141 Mapping t	2	
0055.2M145340.79+2227344	900	07:26	14:53:40.8	+22:27:34	300	90	3.0	#141 Mapping t	2	
0056.COMP	10	07:42	14:53:40.8	+22:27:34	300	90	3.0	#141 Mapping t	2	
0057.2M145536.30+2527129	1020	07:44	14:55:36.3	+25:27:13	300	90	3.0	#141 Mapping t	2	
0058.COMP	10	08:01	14:55:36.3	+25:27:13	300	90	3.0	#141 Mapping t	2	
0059.sn2009Y	1800	08:06	14:42:23.8	-17:14:48	300	9	3.0	#2 SN Observat	2	SN at pixel 80
0060.COMP	10	08:37	14:42:23.8	-17:14:48	300	9	3.0	#2 SN Observat	2	
0061.sn2009dc	1800	08:45	15:51:12.1	+25:42:28	300	1	3.0	#2 SN Observat	2	
0062.COMP	10	09:16	15:51:12.1	+25:42:28	300	1	3.0	#2 SN Observat	2	
0063.SDSSJ1631+5253	1800	09:23	16:31:43.8	+52:53:44	300	89	3.0	#181 Populatio	2	
0064.COMP	10	09:53	16:31:43.8	+52:53:44	300	89	3.0	#181 Populatio	2	
0065.SDSSJ1657+5025	1200	09:56	16:57:12.5	+50:25:39	300	89	3.0	#181 Populatio	2	
0066.COMP	10	10:17	16:57:12.5	+50:25:39	300	89	3.0	#181 Populatio	2	
0067.SDSSJ1658+1030	1500	10:20	16:58:08.0	+10:30:45	300	89	3.0	#181 Populatio	2	

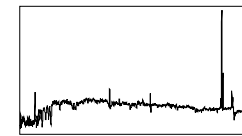


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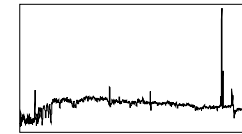
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0068.COMP	10	10:48	16:58:08.0	+10:30:45	300	89	3.0	#181 Populatio	2	
0069.SDSSJ1724+2752	1500	10:50	17:24:36.2	+27:52:42	300	89	3.0	#181 Populatio	2	
0070.COMP	10	11:16	17:24:36.2	+27:52:42	300	89	3.0	#181 Populatio	2	
0071.SDSSJ1753+2516	1200	11:17	17:53:20.6	+25:16:49	300	89	3.0	#181 Populatio	2	
0072.COMP	10	11:38	17:53:20.6	+25:16:49	300	89	3.0	#181 Populatio	2	
0073-0082.BIAS	0	12:26	17:53:20.6	+25:16:49	300	89	3.0	#56 Spectropho	2	
0083-0097.FLAT	7	12:31	17:53:20.6	+25:16:49	300	89	3.0	#56 Spectropho	2	
0098-0102.DARK	900	13:34	17:53:20.6	+25:16:49	300	89	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	01:00	17:53:20.6	+25:16:49	300	89	3.0	#56 Spectropho	2	
0011-0025.FLAT	7	01:05	17:53:20.6	+25:16:49	300	89	3.0	#56 Spectropho	2	
0026-0029.DARK	900	01:53	17:53:20.6	+25:16:49	300	89	3.0	#56 Spectropho	2	
0030.COMP	10	02:13	17:53:20.6	+25:16:49	300	89	3.0	#56 Spectropho	2	
0031.HD84937	20	02:58	09:48:56.1	+13:44:39	300	89	3.0	#56 Spectropho	2	
0032.HD84937	20	02:59	09:48:56.1	+13:44:39	300	89	3.0	#56 Spectropho	2	
0033.HD84937	20	02:59	09:48:56.1	+13:44:39	300	89	3.0	#56 Spectropho	2	
0034.COMP	10	03:00	09:48:56.1	+13:44:39	300	89	3.0	#56 Spectropho	2	
0035.Feige34	180	03:02	10:39:36.7	+43:06:09	300	89	3.0	#56 Spectropho	2	
0036.Feige34	240	03:06	10:39:36.7	+43:06:09	300	89	3.0	#56 Spectropho	2	
0037.Feige34	240	03:10	10:39:36.7	+43:06:09	300	89	3.0	#56 Spectropho	2	
0038.COMP	10	03:14	10:39:36.7	+43:06:09	300	89	3.0	#56 Spectropho	2	
0039.N3377	180	03:17	10:47:42.4	+13:59:08	300	89	3.0	#57 Velocity S	2	
0040.N3377	180	03:20	10:47:42.4	+13:59:08	300	89	3.0	#57 Velocity S	2	
0041.COMP	10	03:23	10:47:42.4	+13:59:08	300	89	3.0	#57 Velocity S	2	
0042.2M084840.56+5025130	1200	03:27	08:48:40.6	+50:25:13	300	89	3.0	#141 Mapping t	2	
0043.COMP	10	03:51	08:48:40.6	+50:25:13	300	89	3.0	#141 Mapping t	2	
0044.2M084151.73+1026367	1200	03:54	08:41:51.7	+10:26:37	300	89	3.0	#141 Mapping t	2	
0045.COMP	10	04:14	08:41:51.7	+10:26:37	300	89	3.0	#141 Mapping t	2	
0046.SDSSJ1024+0104	1800	04:18	10:24:41.7	+01:04:43	300	89	3.0	#181 Populatio	2	

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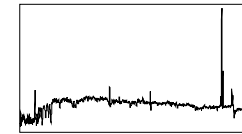
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0047.COMP	10	04:48	10:24:41.7	+01:04:43	300	89	3.0	#181 Populatio	2	
0048.sn2008in	1200	04:57	12:22:01.8	+04:28:47	300	-10	3.0	#2 SN Observat	2	Wrong object!
0049.COMP	10	05:19	12:22:01.8	+04:28:47	300	-10	3.0	#2 SN Observat	2	
0050.sn2008in	1800	05:30	12:22:01.8	+04:28:47	300	5	3.0	#2 SN Observat	2	
0051.COMP	10	06:01	12:22:01.8	+04:28:47	300	5	3.0	#2 SN Observat	2	
0052.sn2009do	1800	06:26	12:34:58.3	+50:51:04	300	-37	3.0	#2 SN Observat	2	
0053.COMP	10	06:57	12:34:58.3	+50:51:04	300	-37	3.0	#2 SN Observat	2	
0054.BIAS	0	06:57	12:34:58.3	+50:51:04	300	-37	3.0	#2 SN Observat	2	
0055.2M144121.17+0911355	900	07:13	14:41:21.2	+09:11:35	300	89	3.0	#141 Mapping t	2	
0056.COMP	10	07:29	14:41:21.2	+09:11:35	300	89	3.0	#141 Mapping t	2	
0057.2M145738.18+0839448	900	07:31	14:57:38.2	+08:39:45	300	89	3.0	#141 Mapping t	2	
0058.COMP	10	07:46	14:57:38.2	+08:39:45	300	89	3.0	#141 Mapping t	2	
0059.2M150053.93+1955227	1020	07:49	15:00:53.9	+19:55:23	300	89	3.0	#141 Mapping t	2	
0060.COMP	10	08:07	15:00:53.9	+19:55:23	300	89	3.0	#141 Mapping t	2	
0061.2M150507.08+1625054	900	08:11	15:05:07.1	+16:25:05	300	89	3.0	#141 Mapping t	2	
0062.COMP	10	08:27	15:05:07.1	+16:25:05	300	89	3.0	#141 Mapping t	2	
0063.2M151107.23+1032399	1200	09:01	15:11:07.2	+10:32:40	300	89	3.0	#141 Mapping t	2	
0064.COMP	10	09:22	15:11:07.2	+10:32:40	300	89	3.0	#141 Mapping t	2	
0065.sn2009dc	1800	09:25	15:51:12.1	+25:42:28	300	89	3.0	#2 SN Observat	2	
0066.COMP	10	09:56	15:51:12.1	+25:42:28	300	89	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0067.AGDra	2	09:58	16:01:41.0	+66:48:10	300	89	3.0	#12 Symbiotic	2	
0068.AGDra	15	09:58	16:01:41.0	+66:48:10	300	89	3.0	#12 Symbiotic	2	
0069.AGDra	45	09:58	16:01:41.0	+66:48:10	300	89	3.0	#12 Symbiotic	2	
0070.COMP	10	10:00	16:01:41.0	+66:48:10	300	89	3.0	#12 Symbiotic	2	
0071.SDSSJ1742+2514	1800	10:03	17:42:20.4	+25:14:23	300	89	3.0	#181 Populatio	2	
0072.COMP	10	10:34	17:42:20.4	+25:14:23	300	89	3.0	#181 Populatio	2	
0073.SDSSJ1747+4348	1800	10:37	17:47:13.0	+43:48:35	300	89	3.0	#181 Populatio	2	
0074.COMP	10	11:07	17:47:13.0	+43:48:35	300	89	3.0	#181 Populatio	2	
0075.SDSSJ1841+4050	1500	11:10	18:41:10.0	+40:50:53	300	89	3.0	#181 Populatio	2	
0076.COMP	10	11:35	18:41:10.0	+40:50:53	300	89	3.0	#181 Populatio	2	
0077-0086.BIAS	0	11:53	18:41:10.0	+40:50:53	300	89	3.0	#141 Mapping t	2	
0087-0101.FLAT	7	11:59	18:41:10.0	+40:50:53	300	89	3.0	#141 Mapping t	2	
0102-0106.DARK	900	13:11	18:41:10.0	+40:50:53	300	89	3.0	#141 Mapping t	2	

UT Date 2009-04-27 Observers E FalcoColl. Focus 1300 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.BIAS	0	20:55	06:00:00.0	+25:00:00	300	89	3.0	#141 Mapping t	2	
0006-0020.DARK	900	00:31	06:00:00.0	+25:00:00	300	89	3.0	#141 Mapping t	2	
0021-0030.BIAS	0	01:46	06:00:00.0	+25:00:00	300	89	3.0	#141 Mapping t	2	
0031-0045.FLAT	7	01:51	06:00:00.0	+25:00:00	300	89	3.0	#141 Mapping t	2	
0046.DARK	900	02:00	06:00:00.0	+25:00:00	300	89	3.0	#141 Mapping t	2	
0047.fastfoc	10	02:31	06:00:00.0	+25:00:00	300	89	3.0	#141 Mapping t	2	focus tests
0048.fastfoc	10	02:32	06:00:00.0	+25:00:00	300	89	3.0	#141 Mapping t	2	
0049.fastfoc	10	02:32	06:00:00.0	+25:00:00	300	89	3.0	#141 Mapping t	2	
0050.fastfoc	10	02:33	06:00:00.0	+25:00:00	300	89	3.0	#141 Mapping t	2	
0051.fastfoc	10	02:33	06:00:00.0	+25:00:00	300	89	3.0	#141 Mapping t	2	
0052.fastfoc	10	02:34	06:00:00.0	+25:00:00	300	89	3.0	#141 Mapping t	2	
0053.fastfoc	10	02:34	06:00:00.0	+25:00:00	300	89	3.0	#141 Mapping t	2	
0054.test	5	02:38	06:00:00.0	+25:00:00	300	89	3.0	#141 Mapping t	2	
0055.test	20	02:41	06:00:00.0	+25:00:00	300	89	3.0	#141 Mapping t	2	
0056.test	30	02:43	06:00:00.0	+25:00:00	300	89	3.0	#141 Mapping t	2	
0057.test	180	02:47	06:00:00.0	+25:00:00	300	89	3.0	#141 Mapping t	2	
0058.test	5	02:53	09:52:46.0	+26:00:26	300	89	3.0	#57 Velocity S	2	
0059.test	5	02:54	09:52:46.0	+26:00:26	300	89	3.0	#57 Velocity S	2	
0063.Feige34	240	03:05	10:39:36.7	+43:06:09	300	89	3.0	#56 Spectropho	2	
0064.Feige34	240	03:10	10:39:36.7	+43:06:09	300	89	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0065.Feige34	240	03:14	10:39:36.7	+43:06:09	300	89	3.0	#56 Spectropho	2	
0066.COMP	10	03:18	10:39:36.7	+43:06:09	300	89	3.0	#56 Spectropho	2	
0067.HD84937	20	03:21	09:48:56.1	+13:44:39	300	89	3.0	#56 Spectropho	2	
0068.HD84937	20	03:22	09:48:56.1	+13:44:39	300	89	3.0	#56 Spectropho	2	
0069.HD84937	20	03:22	09:48:56.1	+13:44:39	300	89	3.0	#56 Spectropho	2	
0070.COMP	10	03:23	09:48:56.1	+13:44:39	300	89	3.0	#56 Spectropho	2	
0071.N3377	180	03:29	10:47:42.4	+13:59:08	300	89	3.0	#57 Velocity S	2	
0072.N3377	180	03:33	10:47:42.4	+13:59:08	300	89	3.0	#57 Velocity S	2	
0073.COMP	10	03:37	10:47:42.4	+13:59:08	300	89	3.0	#57 Velocity S	2	
0074.2M094504.79+7727587	1200	03:43	09:45:04.8	+77:27:59	300	89	3.0	#141 Mapping t	2	
0075.COMP	10	04:04	09:45:04.8	+77:27:59	300	89	3.0	#141 Mapping t	2	
0076.sn2009dd	600	04:16	12:05:33.7	+50:32:20	300	89	3.0	#2 SN Observat	2	
0077.COMP	10	04:28	12:05:33.7	+50:32:20	300	89	3.0	#2 SN Observat	2	
0078.sn2009do	1800	04:33	12:34:58.3	+50:51:04	300	89	3.0	#2 SN Observat	2	
0079.COMP	10	05:04	12:34:58.3	+50:51:04	300	89	3.0	#2 SN Observat	2	
0080.COMP	10	05:19	12:34:58.3	+50:51:04	300	89	3.0	#2 SN Observat	2	
0081.COMP	10	05:20	12:34:58.3	+50:51:04	300	89	3.0	#2 SN Observat	4	
0082-0091.BIAS	0	05:24	12:34:58.3	+50:51:04	600	89	1.5	#2 SN Observat	4	
0092-0102.FLAT	15	05:28	12:34:58.3	+50:51:04	600	89	1.5	#2 SN Observat	4	
0103.pg1519p500	1440	05:35	15:20:42.0	+49:51:41	600	89	1.5	#178 Extremely	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0104.COMP	10	06:03	15:20:42.0	+49:51:41	600	89	1.5	#178 Extremely	4	
0105.pg1554p262	1680	06:11	15:56:23.6	+26:04:44	600	89	1.5	#178 Extremely	4	
0106.COMP	10	06:55	15:56:23.6	+26:04:44	600	89	1.5	#178 Extremely	4	
0107.pg1614p136	780	06:57	16:16:52.3	+13:34:24	600	89	1.5	#178 Extremely	4	
0108.COMP	10	07:11	16:16:52.3	+13:34:24	600	89	1.5	#178 Extremely	4	
0109.pg1654p637	960	07:19	16:54:29.0	+63:39:21	600	89	1.5	#178 Extremely	4	
0110.COMP	10	07:36	16:54:29.0	+63:39:21	600	89	1.5	#178 Extremely	4	
0111.pg1519p500	1440	07:38	15:20:42.0	+49:51:41	600	89	1.5	#178 Extremely	4	
0112.COMP	10	08:03	15:20:42.0	+49:51:41	600	89	1.5	#178 Extremely	4	
0113.pg1554p262	1680	08:05	15:56:23.6	+26:04:44	600	89	1.5	#178 Extremely	4	
0114.COMP	10	08:34	15:56:23.6	+26:04:44	600	89	1.5	#178 Extremely	4	
0115.pg1614p136	780	08:37	16:16:52.3	+13:34:24	600	89	1.5	#178 Extremely	4	
0116.COMP	10	08:50	16:16:52.3	+13:34:24	600	89	1.5	#178 Extremely	4	
0117.pg1654p637	960	08:56	16:54:29.0	+63:39:21	600	89	1.5	#178 Extremely	4	
0118.COMP	10	09:13	16:54:29.0	+63:39:21	600	89	1.5	#178 Extremely	4	
0119.pg1519p500	1440	09:15	15:20:42.0	+49:51:41	600	89	1.5	#178 Extremely	4	
0120.COMP	10	09:40	15:20:42.0	+49:51:41	600	89	1.5	#178 Extremely	4	
0121.pg1554p262	1680	09:43	15:56:23.6	+26:04:44	600	89	1.5	#178 Extremely	4	
0122.COMP	10	10:11	15:56:23.6	+26:04:44	600	89	1.5	#178 Extremely	4	
0123.pg1614p136	780	10:13	16:16:52.3	+13:34:24	600	89	1.5	#178 Extremely	4	

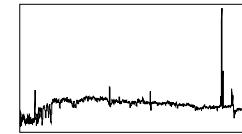
UT Date 2009-04-27 Observers E FalcoColl. Focus 1300 Grating/Grism 300

<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>
0124.COMP	10	10:27	16:16:52.3	+13:34:24	600	89	1.5	#178 Extremely	4	
0125.pg1654p637	960	10:31	16:54:29.0	+63:39:21	600	89	1.5	#178 Extremely	4	
0126.COMP	10	10:47	16:54:29.0	+63:39:21	600	89	1.5	#178 Extremely	4	
0128-0137.BIAS	0	12:08	15:51:12.1	+25:42:28	300	89	3.0	#178 Extremely	2	
0138-0152.FLAT	7	12:13	15:51:12.1	+25:42:28	300	89	3.0	#178 Extremely	2	
0153-0163.DARK	900	14:51	15:51:12.1	+25:42:28	300	89	3.0	#178 Extremely	2	

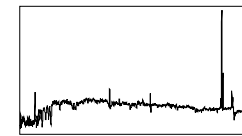


UT Date 2009-04-28 Observers P BerlindColl. Focus 1310 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	00:59	07:55:00.0	+32:00:00	300	89	3.0	#178 Extremely	2	
0011-0025.FLAT	7	01:04	07:55:00.0	+32:00:00	300	89	3.0	#178 Extremely	2	
0026-0035.DARK	900	03:40	07:55:00.0	+32:00:00	300	89	3.0	#178 Extremely	2	
0036.Feige34	210	04:01	10:39:36.7	+43:06:09	300	89	3.0	#56 Spectropho	2	
0037.Feige34	240	04:06	10:39:36.7	+43:06:09	300	89	3.0	#56 Spectropho	2	
0038.COMP	10	04:11	10:39:36.7	+43:06:09	300	89	3.0	#56 Spectropho	2	
0039.HD84937	30	04:12	09:48:56.1	+13:44:39	300	45	3.0	#56 Spectropho	2	
0040.HD84937	30	04:13	09:48:56.1	+13:44:39	300	45	3.0	#56 Spectropho	2	
0041.HD84937	30	04:14	09:48:56.1	+13:44:39	300	45	3.0	#56 Spectropho	2	
0042.COMP	10	04:15	09:48:56.1	+13:44:39	300	45	3.0	#56 Spectropho	2	
0043.N3227	180	04:16	10:23:30.6	+19:51:54	300	45	3.0	#6 AGN Monitor	2	
0044.COMP	10	04:22	10:23:30.6	+19:51:54	300	45	3.0	#6 AGN Monitor	2	
0045.MRK421	240	04:59	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0046.MRK421	240	05:04	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0047.COMP	10	05:08	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0048.sn2009do	1800	05:11	12:34:58.3	+50:51:04	300	1	3.0	#2 SN Observat	2	
0049.COMP	10	05:42	12:34:58.3	+50:51:04	300	1	3.0	#2 SN Observat	2	
0050.sn2009bv	1800	05:45	13:07:20.5	+35:47:04	300	89	3.0	#2 SN Observat	2	
0051.COMP	10	06:16	13:07:20.5	+35:47:04	300	89	3.0	#2 SN Observat	2	
0052.3C279	855	06:19	12:56:11.1	-05:47:22	300	12	3.0	#6 AGN Monitor	2	

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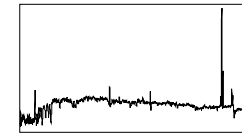
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0053.COMP	10	06:34	12:56:11.1	-05:47:22	300	12	3.0	#6 AGN Monitor	2	
0054.WCom	720	06:36	12:21:31.7	+28:13:59	300	12	3.0	#6 AGN Monitor	2	
0055.COMP	10	06:48	12:21:31.7	+28:13:59	300	12	3.0	#6 AGN Monitor	2	
0056.BIAS	0	06:50	12:21:31.7	+28:13:59	300	12	3.0	#6 AGN Monitor	2	
0057.sn2009dc	1800	07:15	15:51:12.1	+25:42:28	300	90	3.0	#2 SN Observat	2	
0058.COMP	10	07:45	15:51:12.1	+25:42:28	300	90	3.0	#2 SN Observat	2	
0059.SDSSJ1637+1422	1800	07:47	16:37:00.7	+14:22:14	300	90	3.0	#181 Populatio	2	
0060.COMP	10	08:17	16:37:00.7	+14:22:14	300	90	3.0	#181 Populatio	2	
0061.SDSSJ1646+1946	720	08:20	16:46:19.8	+19:46:03	300	90	3.0	#181 Populatio	2	
0062.COMP	10	08:33	16:46:19.8	+19:46:03	300	90	3.0	#181 Populatio	2	
0063.SDSSJ1643+4240	1500	08:35	16:43:34.0	+42:40:39	300	90	3.0	#181 Populatio	2	
0064.COMP	10	09:01	16:43:34.0	+42:40:39	300	90	3.0	#181 Populatio	2	
0065.SDSSJ1708+3539	900	09:02	17:08:12.1	+35:39:01	300	90	3.0	#181 Populatio	2	
0066.COMP	10	09:17	17:08:12.1	+35:39:01	300	90	3.0	#181 Populatio	2	
0067.SDSSJ1725+3804	1800	09:19	17:25:29.8	+38:04:51	300	90	3.0	#181 Populatio	2	
0068.COMP	10	09:49	17:25:29.8	+38:04:51	300	90	3.0	#181 Populatio	2	
0069.SDSSJ1731+3232	1200	09:51	17:31:14.5	+32:32:48	300	90	3.0	#181 Populatio	2	
0070.COMP	10	10:11	17:31:14.5	+32:32:48	300	90	3.0	#181 Populatio	2	
0071.BIAS	0	10:12	17:31:14.5	+32:32:48	300	90	3.0	#181 Populatio	2	
0072.SDSSJ1734+3213	900	10:12	17:34:49.3	+32:13:44	300	90	3.0	#181 Populatio	2	

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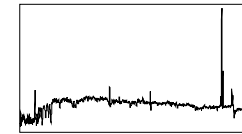
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0073.COMP	10	10:28	17:34:49.3	+32:13:44	300	90	3.0	#181 Populatio	2	
0074.V443Her	6	10:30	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0075.V443Her	15	10:30	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0076.V443Her	60	10:31	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0077.COMP	10	10:32	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0078.AS338	100	10:33	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0079.AS338	300	10:36	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0080.COMP	10	10:41	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0081.AS360	70	10:42	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0082.AS360	360	10:44	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0083.COMP	10	10:51	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0084.BFCyg	15	10:52	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0085.BFCyg	15	10:53	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0086.COMP	10	10:53	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0087.CHCyg	1	10:55	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0088.CHCyg	5	10:55	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0089.CHCyg	15	10:56	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0090.COMP	10	10:57	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0091.CICyg	5	10:58	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0092.CICyg	3	10:59	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
0093.CICyg	15	10:59	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0094.COMP	10	11:00	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0095.V1016Cyg	60	11:01	19:57:05.0	+39:49:37	300	90	3.0	#12 Symbiotic	2	
0096.V1016Cyg	5	11:02	19:57:05.0	+39:49:37	300	90	3.0	#12 Symbiotic	2	
0097.V1016Cyg	1	11:03	19:57:05.0	+39:49:37	300	90	3.0	#12 Symbiotic	2	
0098.COMP	10	11:03	19:57:05.0	+39:49:37	300	90	3.0	#12 Symbiotic	2	
0099.PUVu1	2	11:04	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0100.PUVu1	12	11:05	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0101.PUVu1	75	11:05	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0102.COMP	10	11:07	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0103.MRK501	180	11:09	16:53:52.1	+39:45:36	300	90	3.0	#6 AGN Monitor	2	
0104.MRK501	180	11:12	16:53:52.1	+39:45:36	300	90	3.0	#6 AGN Monitor	2	
0105.COMP	10	11:15	16:53:52.1	+39:45:36	300	90	3.0	#6 AGN Monitor	2	
0106.AS316	35	11:19	18:42:33.0	-21:17:47	300	0	3.0	#12 Symbiotic	2	
0107.AS316	180	11:20	18:42:33.0	-21:17:47	300	0	3.0	#12 Symbiotic	2	
0108.COMP	10	11:23	18:42:33.0	-21:17:47	300	0	3.0	#12 Symbiotic	2	
0109.AS327	35	11:24	18:53:17.0	-24:22:59	300	0	3.0	#12 Symbiotic	2	
0110.AS327	35	11:25	18:53:17.0	-24:22:59	300	0	3.0	#12 Symbiotic	2	
0111.AS327	180	11:26	18:53:17.0	-24:22:59	300	0	3.0	#12 Symbiotic	2	
0112.COMP	10	11:29	18:53:17.0	-24:22:59	300	0	3.0	#12 Symbiotic	2	

UT Date 2009-04-28 Observers P BerlindColl. Focus 1310 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>
0113.V919Sgr	15	11:31	19:03:45.0	-16:59:56	300	0	3.0	#12 Symbiotic	2	
0114.V919Sgr	35	11:31	19:03:45.0	-16:59:56	300	0	3.0	#12 Symbiotic	2	
0115.V919Sgr	90	11:32	19:03:45.0	-16:59:56	300	0	3.0	#12 Symbiotic	2	
0116.COMP	10	11:34	19:03:45.0	-16:59:56	300	0	3.0	#12 Symbiotic	2	
0117-0126.BIAS	0	11:45	19:03:45.0	-16:59:56	300	89	3.0	#6 AGN Monitor	2	
0127-0141.FLAT	7	11:51	19:03:45.0	-16:59:56	300	89	3.0	#6 AGN Monitor	2	
0142-0146.DARK	900	12:53	19:03:45.0	-16:59:56	300	89	3.0	#6 AGN Monitor	2	

UT Date 2009-04-29 Observers M CalkinsColl. Focus 1310 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	21:50	19:03:45.0	-16:59:56	300	89	3.0	#6 AGN Monitor	2	
0002-0005.DARK	900	02:19	08:34:49.4	+31:32:20	300	89	3.0	#6 AGN Monitor	4	
0006-0015.BIAS	0	02:36	08:34:49.4	+31:32:20	300	89	3.0	#6 AGN Monitor	4	
0016-0025.FLAT	4	02:40	08:34:49.4	+31:32:20	300	89	3.0	#6 AGN Monitor	4	
0026-0035.BIAS	0	02:42	08:34:49.4	+31:32:20	300	89	3.0	#6 AGN Monitor	2	
0036-0055.FLAT	7	03:00	08:34:49.4	+31:32:20	300	89	3.0	#6 AGN Monitor	2	
0056.Feige34	120	03:04	10:39:36.7	+43:06:09	300	33	3.0	#56 Spectropho	2	
0057.COMP	10	03:08	10:39:36.7	+43:06:09	300	33	3.0	#56 Spectropho	2	
0058.HD84937	40	03:12	09:48:56.1	+13:44:39	300	18	3.0	#56 Spectropho	2	
0059.COMP	10	03:13	09:48:56.1	+13:44:39	300	18	3.0	#56 Spectropho	2	
0060.HD84937	20	03:13	09:48:56.1	+13:44:39	300	18	3.0	#56 Spectropho	2	
0061.COMP	10	03:14	09:48:56.1	+13:44:39	300	18	3.0	#56 Spectropho	2	
0062.N3377	180	03:17	10:47:42.4	+13:59:08	300	88	3.0	#57 Velocity S	2	
0063.COMP	10	03:20	10:47:42.4	+13:59:08	300	88	3.0	#57 Velocity S	2	
0064.sn2009a1	1800	03:28	10:51:22.1	+08:34:43	300	-11	3.0	#2 SN Observat	2	not certain the exp went full 1800s
0065.COMP	10	03:59	10:51:22.1	+08:34:43	300	-11	3.0	#2 SN Observat	2	
0066.sn2009an	1800	04:05	12:22:47.4	+65:51:04	300	26	3.0	#2 SN Observat	2	row=80
0067.COMP	10	04:35	12:22:47.4	+65:51:04	300	26	3.0	#2 SN Observat	2	
0068.sn2009dd	600	04:38	12:05:33.7	+50:32:20	300	5	3.0	#2 SN Observat	2	
0069.COMP	10	04:49	12:05:33.7	+50:32:20	300	5	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0070.bhvs046	780	05:01	10:11:07.8	+79:37:24	600	89	2.0	#182 Runaway B	4	2arcsec, 600L, tilt=445
0071.COMP	10	05:14	10:11:07.8	+79:37:24	600	89	2.0	#182 Runaway B	4	
0072.bhvs047	1020	05:17	11:01:50.6	+55:37:56	600	89	2.0	#182 Runaway B	4	
0073.COMP	10	05:35	11:01:50.6	+55:37:56	600	89	2.0	#182 Runaway B	4	
0074.bhvs048	960	05:36	11:13:26.7	+56:21:18	600	89	2.0	#182 Runaway B	4	
0075.COMP	10	05:53	11:13:26.7	+56:21:18	600	89	2.0	#182 Runaway B	4	
0076.bhvs049	1140	05:54	11:22:52.0	+43:09:23	600	89	2.0	#182 Runaway B	4	
0077.COMP	10	06:14	11:22:52.0	+43:09:23	600	89	2.0	#182 Runaway B	4	
0078.bhvs050	1380	06:15	11:47:37.9	+47:20:49	600	89	2.0	#182 Runaway B	4	
0079.COMP	10	06:39	11:47:37.9	+47:20:49	600	89	2.0	#182 Runaway B	4	
0080.bhvs051	1440	06:46	12:51:37.9	+57:58:17	600	94	2.0	#182 Runaway B	4	
0081.COMP	10	07:11	12:51:37.9	+57:58:17	600	94	2.0	#182 Runaway B	4	
0082.bhvs086	1740	07:15	14:03:30.7	-10:42:04	600	90	2.0	#182 Runaway B	4	fill dewar
0083.COMP	10	07:45	14:03:30.7	-10:42:04	600	90	2.0	#182 Runaway B	4	
0084.bhvs087	1680	07:58	14:03:44.2	-08:25:17	600	90	2.0	#182 Runaway B	4	
0085.COMP	10	08:27	14:03:44.2	-08:25:17	600	90	2.0	#182 Runaway B	4	
0086.FLAT	24	08:30	14:03:44.2	-08:25:17	600	90	2.0	#182 Runaway B	4	fill dewar
0087-0105.FLAT	24	08:40	14:03:44.2	-08:25:17	600	90	2.0	#182 Runaway B	4	
0106.BDp332642	180	08:43	15:51:59.9	+32:56:54	600	90	2.0	#56 Spectropho	4	
0107.COMP	10	08:47	15:51:59.9	+32:56:54	600	90	2.0	#56 Spectropho	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0108.BDp332642	70	08:59	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	combo setup
0109.COMP	10	09:01	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0110.sn2009dc	1200	09:05	15:51:12.1	+25:42:28	300	32	3.0	#2 SN Observat	2	
0111.COMP	10	09:26	15:51:12.1	+25:42:28	300	32	3.0	#2 SN Observat	2	
0112.SDSSJ1733+0642	1800	09:29	17:33:32.2	+06:42:59	300	89	3.0	#181 Populatio	2	
0113.COMP	10	10:00	17:33:32.2	+06:42:59	300	89	3.0	#181 Populatio	2	
0114.SDSSJ1744+2638	1800	10:05	17:44:42.4	+26:38:30	300	89	3.0	#181 Populatio	2	
0115.COMP	10	10:36	17:44:42.4	+26:38:30	300	89	3.0	#181 Populatio	2	
0116.SDSSJ1744+5103	1500	10:38	17:44:50.1	+51:03:57	300	89	3.0	#181 Populatio	2	
0117.COMP	10	11:03	17:44:50.1	+51:03:57	300	89	3.0	#181 Populatio	2	
0118.SDSSJ1750+4120	1200	11:05	17:50:59.2	+41:20:26	300	89	3.0	#181 Populatio	2	
0119.COMP	10	11:25	17:50:59.2	+41:20:26	300	89	3.0	#181 Populatio	2	
0120.SDSSJ2015-1226	960	11:28	20:15:20.8	-12:26:27	300	89	3.0	#181 Populatio	2	
0121.COMP	10	11:45	20:15:20.8	-12:26:27	300	89	3.0	#181 Populatio	2	
0122.BDp404032	150	11:47	20:08:24.1	+41:15:04	300	89	3.0	#56 Spectropho	2	
0123.COMP	10	11:50	20:08:24.1	+41:15:04	300	89	3.0	#56 Spectropho	2	
0124-0133.BIAS	0	11:58	20:08:24.1	+41:15:04	300	89	3.0	#56 Spectropho	2	
0134-0153.FLAT	7	12:06	20:08:24.1	+41:15:04	300	89	3.0	#56 Spectropho	2	
0154-0163.BIAS	0	12:08	20:08:24.1	+41:15:04	300	89	3.0	#56 Spectropho	4	
0164-0173.DARK	900	14:28	20:08:24.1	+41:15:04	300	89	3.0	#56 Spectropho	2	

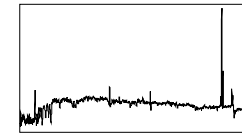


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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	02:02	20:08:24.1	+41:15:04	300	89	3.0	#56 Spectropho	4	
0011.BIAS	0	02:20	20:08:24.1	+41:15:04	600	89	2.0	#56 Spectropho	4	600L, 2 arcsec, tilt=445
0012-0025.BIAS	0	02:22	20:08:24.1	+41:15:04	600	89	2.0	#56 Spectropho	4	
0026-0045.FLAT	24	02:36	20:08:24.1	+41:15:04	600	89	2.0	#56 Spectropho	4	
0046.Feige34	180	02:59	10:39:36.7	+43:06:09	600	89	2.0	#56 Spectropho	4	
0047.COMP	10	03:03	10:39:36.7	+43:06:09	600	89	2.0	#56 Spectropho	4	
0048.bhvs010	720	03:05	07:39:50.0	+20:18:13	600	89	2.0	#182 Runaway B	4	
0049.COMP	10	03:18	07:39:50.0	+20:18:13	600	89	2.0	#182 Runaway B	4	
0050.bhvs011	900	03:19	07:50:54.3	+17:54:29	600	89	2.0	#182 Runaway B	4	
0051.COMP	10	03:34	07:50:54.3	+17:54:29	600	89	2.0	#182 Runaway B	4	
0052.bhvs016	540	03:37	08:06:33.8	+09:33:25	600	75	2.0	#182 Runaway B	4	
0053.COMP	10	03:47	08:06:33.8	+09:33:25	600	75	2.0	#182 Runaway B	4	
0054.bhvs017	960	03:48	08:12:35.1	+12:50:23	600	89	2.0	#182 Runaway B	4	
0055.COMP	10	04:05	08:12:35.1	+12:50:23	600	89	2.0	#182 Runaway B	4	
0056.bhvs022	600	04:15	08:34:48.8	+08:33:15	600	97	2.0	#182 Runaway B	4	
0057.COMP	10	04:25	08:34:48.8	+08:33:15	600	97	2.0	#182 Runaway B	4	
0058.bhvs024	660	04:26	08:40:52.2	+12:25:41	600	85	2.0	#182 Runaway B	4	
0059.COMP	10	04:38	08:40:52.2	+12:25:41	600	85	2.0	#182 Runaway B	4	
0060.bhvs030	780	04:39	09:42:45.1	+12:45:17	600	85	2.0	#182 Runaway B	4	
0061.COMP	10	04:53	09:42:45.1	+12:45:17	600	85	2.0	#182 Runaway B	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0062.BIAS	0	04:59	09:42:45.1	+12:45:17	300	90	3.0	#56 Spectropho	2	combo setup
0063-0071.BIAS	0	05:01	09:42:45.1	+12:45:17	300	90	3.0	#56 Spectropho	2	
0072.HD84937	20	05:03	09:48:56.1	+13:44:39	300	56	3.0	#56 Spectropho	2	
0073.COMP	10	05:04	09:48:56.1	+13:44:39	300	56	3.0	#56 Spectropho	2	
0074.Feige34	150	05:07	10:39:36.7	+43:06:09	300	110	3.0	#56 Spectropho	2	
0075.COMP	10	05:10	10:39:36.7	+43:06:09	300	110	3.0	#56 Spectropho	2	
0076.sn2009ds	1800	05:14	11:49:04.1	-09:43:45	300	10	3.0	#2 SN Observat	2	
0077.COMP	10	05:48	11:49:04.1	-09:43:45	300	10	3.0	#2 SN Observat	2	
0078.sn2008ip	1800	05:52	12:57:50.2	+36:22:34	300	-5	3.0	#2 SN Observat	2	
0079.COMP	10	06:23	12:57:50.2	+36:22:34	300	-5	3.0	#2 SN Observat	2	
0080.SDSSJ1426-2009	1800	06:26	14:26:48.6	-20:09:30	300	90	3.0	#181 Populatio	2	
0081.COMP	10	06:57	14:26:48.6	-20:09:30	300	90	3.0	#181 Populatio	2	
0082.2M135317.13-0629199	300	06:59	13:53:17.1	-06:29:20	300	90	3.0	#141 Mapping t	2	
0083.COMP	10	07:05	13:53:17.1	-06:29:20	300	90	3.0	#141 Mapping t	2	
0084.2M143032.56+1401277	900	07:06	14:30:32.6	+14:01:28	300	90	3.0	#141 Mapping t	2	
0085.COMP	10	07:22	14:30:32.6	+14:01:28	300	90	3.0	#141 Mapping t	2	
0086.2M143745.65+7908331	480	07:25	14:37:45.6	+79:08:33	300	90	3.0	#141 Mapping t	2	
0087.COMP	10	07:34	14:37:45.6	+79:08:33	300	90	3.0	#141 Mapping t	2	
0088.2M144123.21+7502507	600	07:35	14:41:23.2	+75:02:51	300	90	3.0	#141 Mapping t	2	
0089.COMP	10	07:46	14:41:23.2	+75:02:51	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
0090.2M145048.59+7638545	300	07:48	14:50:48.6	+76:38:55	300	90	3.0	#141 Mapping t	2	
0091.COMP	10	07:53	14:50:48.6	+76:38:55	300	90	3.0	#141 Mapping t	2	
0092.2M145121.10+6729028	300	07:55	14:51:21.1	+67:29:03	300	90	3.0	#141 Mapping t	2	
0093.COMP	10	08:01	14:51:21.1	+67:29:03	300	90	3.0	#141 Mapping t	2	
0094.2M150107.82+6014349	1020	08:02	15:01:07.8	+60:14:35	300	90	3.0	#141 Mapping t	2	
0095.COMP	10	08:20	15:01:07.8	+60:14:35	300	90	3.0	#141 Mapping t	2	
0096-0115.FLAT	7	08:27	15:01:07.8	+60:14:35	300	90	3.0	#141 Mapping t	2	
0116.sn2009dc	1200	08:33	15:51:12.1	+25:42:28	300	-21	3.0	#2 SN Observat	2	
0117.COMP	10	08:53	15:51:12.1	+25:42:28	300	-21	3.0	#2 SN Observat	2	
0118.SDSSJ1750+4120	1500	08:56	17:50:59.2	+41:20:26	300	89	3.0	#181 Populatio	2	
0119.COMP	10	09:22	17:50:59.2	+41:20:26	300	89	3.0	#181 Populatio	2	
0120.SDSSJ1801+4251	1500	09:24	18:01:45.1	+42:51:32	300	89	3.0	#181 Populatio	2	
0121.COMP	10	09:49	18:01:45.1	+42:51:32	300	89	3.0	#181 Populatio	2	
0122.SDSSJ1551+1439	1500	09:52	15:51:33.2	+14:39:38	300	89	3.0	#181 Populatio	2	
0123.COMP	10	10:17	15:51:33.2	+14:39:38	300	89	3.0	#181 Populatio	2	
0124.SDSSJ1624+5404	1800	10:20	16:24:58.2	+54:04:30	300	89	3.0	#181 Populatio	2	
0125.COMP	10	10:51	16:24:58.2	+54:04:30	300	89	3.0	#181 Populatio	2	
0126.SDSSJ1813+2229	1500	10:55	18:13:11.1	+22:29:00	300	89	3.0	#181 Populatio	2	
0127.COMP	10	11:21	18:13:11.1	+22:29:00	300	89	3.0	#181 Populatio	2	
0128.PKS1510-089	900	11:25	15:12:50.5	-09:06:00	300	89	3.0	#6 AGN Monitor	2	

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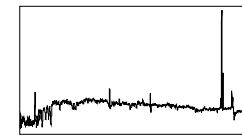
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0129.COMP	10	11:41	15:12:50.5	-09:06:00	300	89	3.0	#6 AGN Monitor	2	
0130.BDp332642	120	11:44	15:51:59.9	+32:56:54	300	89	3.0	#56 Spectropho	2	
0131.COMP	10	11:46	15:51:59.9	+32:56:54	300	89	3.0	#56 Spectropho	2	
0132.N5866	180	11:47	15:06:29.5	+55:45:48	300	89	3.0	#57 Velocity S	2	dust lane
0133.COMP	10	11:51	15:06:29.5	+55:45:48	300	89	3.0	#57 Velocity S	2	
0134-0143.BIAS	0	11:56	15:06:29.5	+55:45:48	300	89	3.0	#2 SN Observat	2	
0144-0163.FLAT	7	12:03	15:06:29.5	+55:45:48	300	89	3.0	#2 SN Observat	2	
0164-0178.DARK	900	15:39	15:06:29.5	+55:45:48	300	89	3.0	#2 SN Observat	2	

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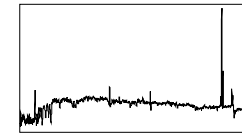
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	02:06	15:06:29.5	+55:45:48	300	89	3.0	#2 SN Observat	4	
0011.BIAS	0	02:26	15:06:29.5	+55:45:48	600	89	2.0	#2 SN Observat	4	600L, 2 arcsec, tilt=445
0012-0020.BIAS	0	02:28	15:06:29.5	+55:45:48	600	89	2.0	#2 SN Observat	4	
0021-0040.FLAT	24	02:40	15:06:29.5	+55:45:48	600	89	2.0	#2 SN Observat	4	
0041.Feige34	180	02:56	10:39:36.7	+43:06:09	600	89	2.0	#56 Spectropho	4	
0042.COMP	10	03:03	10:39:36.7	+43:06:09	600	89	2.0	#56 Spectropho	4	
0043.bhvs001	960	03:07	06:50:57.1	+27:23:35	600	89	2.0	#182 Runaway B	4	
0044.COMP	10	03:24	06:50:57.1	+27:23:35	600	89	2.0	#182 Runaway B	4	
0045.bhvs031	1260	03:30	09:44:47.5	+14:02:38	600	61	2.0	#182 Runaway B	4	
0046.COMP	10	03:51	09:44:47.5	+14:02:38	600	61	2.0	#182 Runaway B	4	
0047.bhvs032	1500	03:53	09:50:48.6	-01:53:17	600	89	2.0	#182 Runaway B	4	
0048.COMP	10	04:19	09:50:48.6	-01:53:17	600	89	2.0	#182 Runaway B	4	
0049.bhvs033	1200	04:22	09:56:03.4	+25:47:53	600	89	2.0	#182 Runaway B	4	
0050.COMP	10	04:42	09:56:03.4	+25:47:53	600	89	2.0	#182 Runaway B	4	
0051.BIAS	0	04:51	09:56:03.4	+25:47:53	300	89	3.0	#2 SN Observat	2	combo setup
0052-0060.BIAS	0	04:52	09:56:03.4	+25:47:53	300	89	3.0	#2 SN Observat	2	
0061.HD84937	20	04:56	09:48:56.1	+13:44:39	300	56	3.0	#56 Spectropho	2	
0062.COMP	10	04:57	09:48:56.1	+13:44:39	300	56	3.0	#56 Spectropho	2	
0063.HD84937	15	04:58	09:48:56.1	+13:44:39	300	56	3.0	#56 Spectropho	2	
0064.COMP	10	04:59	09:48:56.1	+13:44:39	300	56	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0065.Feige34	150	05:01	10:39:36.7	+43:06:09	300	110	3.0	#56 Spectropho	2	
0066.COMP	10	05:04	10:39:36.7	+43:06:09	300	110	3.0	#56 Spectropho	2	
0067.sn2009ds	1800	05:07	11:49:04.1	-09:43:45	300	9	3.0	#2 SN Observat	2	
0068.COMP	10	05:38	11:49:04.1	-09:43:45	300	9	3.0	#2 SN Observat	2	
0069.sn2009do	1800	05:42	12:34:58.3	+50:51:04	300	-11	3.0	#2 SN Observat	2	
0070.COMP	10	06:13	12:34:58.3	+50:51:04	300	-11	3.0	#2 SN Observat	2	
0071.sn2009dc	1500	06:16	15:51:12.1	+25:42:28	300	110	3.0	#2 SN Observat	2	
0072.COMP	10	06:42	15:51:12.1	+25:42:28	300	110	3.0	#2 SN Observat	2	
0073.N5866	150	06:44	15:06:29.5	+55:45:48	300	90	3.0	#57 Velocity S	2	
0074.COMP	10	06:47	15:06:29.5	+55:45:48	300	90	3.0	#57 Velocity S	2	
0075-0094.FLAT	7	06:54	15:06:29.5	+55:45:48	300	90	3.0	#57 Velocity S	2	
0095.pg1229m013	1200	07:01	12:31:34.5	-01:32:08	600	90	1.5	#178 Extremely	4	600L, tilt=440, 1.5 arcsec
0096.COMP	10	07:21	12:31:34.5	-01:32:08	600	90	1.5	#178 Extremely	4	
0097.pg1249p160	300	07:23	12:52:17.1	+15:44:43	600	90	1.5	#178 Extremely	4	need more counts
0098.COMP	10	07:29	12:52:17.1	+15:44:43	600	90	1.5	#178 Extremely	4	
0099.pg1249p160	630	07:30	12:52:17.1	+15:44:43	600	90	1.5	#178 Extremely	4	
0100.COMP	10	07:41	12:52:17.1	+15:44:43	600	90	1.5	#178 Extremely	4	
0101.pg1252p378	1020	07:43	12:55:14.7	+37:32:30	600	90	1.5	#178 Extremely	4	
0102.COMP	10	08:00	12:55:14.7	+37:32:30	600	90	1.5	#178 Extremely	4	
0103.pg1320p645	1080	08:03	13:22:32.1	+64:15:46	600	90	1.5	#178 Extremely	4	need more counts

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0104.COMP	10	08:21	13:22:32.1	+64:15:46	600	90	1.5	#178 Extremely	4	
0105.pg1320p645	1500	08:22	13:22:32.1	+64:15:46	600	90	1.5	#178 Extremely	4	
0106.COMP	10	08:47	13:22:32.1	+64:15:46	600	90	1.5	#178 Extremely	4	
0107.pg1415p133	720	08:50	14:17:40.2	+13:01:49	600	90	1.5	#178 Extremely	4	
0108.COMP	10	09:02	14:17:40.2	+13:01:49	600	90	1.5	#178 Extremely	4	
0109.pg1458p172	1260	09:04	15:00:19.3	+16:59:11	600	90	1.5	#178 Extremely	4	
0110.COMP	10	09:26	15:00:19.3	+16:59:11	600	90	1.5	#178 Extremely	4	
0111.pg1519p500	1500	09:29	15:20:42.0	+49:51:41	600	90	1.5	#178 Extremely	4	
0112.COMP	10	09:54	15:20:42.0	+49:51:41	600	90	1.5	#178 Extremely	4	
0113.BDp332642	180	09:56	15:51:59.9	+32:56:54	600	90	1.5	#56 Spectropho	4	
0114.COMP	10	09:59	15:51:59.9	+32:56:54	600	90	1.5	#56 Spectropho	4	
0115.pg1554p262	1800	10:00	15:56:23.6	+26:04:44	600	90	1.5	#178 Extremely	4	
0116.COMP	10	10:31	15:56:23.6	+26:04:44	600	90	1.5	#178 Extremely	4	
0117-0126.FLAT	17	10:40	15:56:23.6	+26:04:44	600	90	1.5	#178 Extremely	4	
0127.BDp332642	150	10:46	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	combo setup
0128.COMP	10	10:49	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0129.SDSSJ1816+6514	1800	10:52	18:16:46.0	+65:14:22	300	90	3.0	#181 Populatio	2	
0130.COMP	10	11:23	18:16:46.0	+65:14:22	300	90	3.0	#181 Populatio	2	
0131.SDSSJ2023+1230	360	11:25	20:23:14.1	+12:30:57	300	90	3.0	#181 Populatio	2	
0132.COMP	10	11:32	20:23:14.1	+12:30:57	300	90	3.0	#181 Populatio	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>
0133.SDSSJ2036+1550	720	11:33	20:36:13.7	+15:51:00	300	90	3.0	#181 Populatio	2	
0134.COMP	10	11:45	20:36:13.7	+15:51:00	300	90	3.0	#181 Populatio	2	
0135-0144.BIAS	0	11:52	15:06:29.5	+55:45:48	300	90	3.0	#57 Velocity S	2	
0145-0164.FLAT	7	11:59	15:06:29.5	+55:45:48	300	90	3.0	#57 Velocity S	2	
0165-0174.BIAS	0	12:01	15:06:29.5	+55:45:48	300	90	3.0	#57 Velocity S	4	
0175-0184.DARK	900	14:20	15:06:29.5	+55:45:48	300	90	3.0	#57 Velocity S	2	