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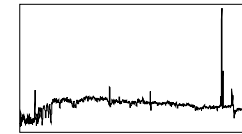
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	00:29	20:07:32.3	+31:28:29	300	90	3.0	#112 Orion PMS	2	
0011-0025.FLAT	7	00:34	20:07:32.3	+31:28:29	300	90	3.0	#112 Orion PMS	2	
0026.sky	3	00:37	20:36:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	start of FAST run
0027-0028.sky	3	00:38	20:36:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0029.sky	3	00:38	20:36:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	clearing
0030.sky	3	00:38	20:36:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0031.COMP	10	00:39	20:36:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0032.HD180809	1	01:21	19:16:22.1	+38:08:01	300	90	3.0	#192 DASCH Lon	2	
0033.HD180809	1	01:22	19:16:22.1	+38:08:01	300	90	3.0	#192 DASCH Lon	2	
0034.HD180809	1	01:22	19:16:22.1	+38:08:01	300	90	3.0	#192 DASCH Lon	2	
0035.COMP	10	01:22	19:16:22.1	+38:08:01	300	90	3.0	#192 DASCH Lon	2	
0036.HD188947	1	01:23	19:56:18.4	+35:05:00	300	90	3.0	#192 DASCH Lon	2	
0037.HD188947	1	01:24	19:56:18.4	+35:05:00	300	90	3.0	#192 DASCH Lon	2	
0038.HD188947	1	01:25	19:56:18.4	+35:05:00	300	90	3.0	#192 DASCH Lon	2	
0039.COMP	10	01:26	19:56:18.4	+35:05:00	300	90	3.0	#192 DASCH Lon	2	
0040.HD191046	3	01:26	20:06:29.0	+36:13:36	300	90	3.0	#192 DASCH Lon	2	
0041.HD191046	3	01:27	20:06:29.0	+36:13:36	300	90	3.0	#192 DASCH Lon	2	
0042.HD191046	3	01:27	20:06:29.0	+36:13:36	300	90	3.0	#192 DASCH Lon	2	
0043.HD191046	15	01:28	20:06:29.0	+36:13:36	300	90	3.0	#192 DASCH Lon	2	
0044.HD191046	15	01:28	20:06:29.0	+36:13:36	300	90	3.0	#192 DASCH Lon	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0045.HD191046	15	01:29	20:06:29.0	+36:13:36	300	90	3.0	#192 DASCH Lon	2	
0046.COMP	10	01:29	20:06:29.0	+36:13:36	300	90	3.0	#192 DASCH Lon	2	
0047.HD198149	1	01:32	20:45:17.4	+61:50:20	300	90	3.0	#192 DASCH Lon	2	
0048.HD198149	1	01:32	20:45:17.4	+61:50:20	300	90	3.0	#192 DASCH Lon	2	
0049.HD198149	1	01:32	20:45:17.4	+61:50:20	300	90	3.0	#192 DASCH Lon	2	
0050.COMP	10	01:33	20:45:17.4	+61:50:20	300	90	3.0	#192 DASCH Lon	2	
0051.J202550.10+390306.0	90	01:34	20:25:50.1	+39:03:06	300	90	3.0	#190 Cygnus X	2	
0052.J202524.17+393048.4	90	01:36	20:25:24.1	+39:30:49	300	90	3.0	#190 Cygnus X	2	
0053.J202505.21+393822.7	90	01:38	20:25:05.2	+39:38:23	300	90	3.0	#190 Cygnus X	2	
0054.J202505.21+393822.7	180	01:41	20:25:05.2	+39:38:23	300	90	3.0	#190 Cygnus X	2	longer exposure on same reddened star
0055.J202502.28+384906.9	90	01:45	20:25:02.3	+38:49:07	300	90	3.0	#190 Cygnus X	2	
0056.COMP	10	01:46	20:25:02.3	+38:49:07	300	90	3.0	#190 Cygnus X	2	for previous 5 targets
0057.sn2009jr	1800	01:51	20:26:26.0	+02:54:31	300	37	3.0	#2 SN Observat	2	
0058.COMP	10	02:22	20:26:26.0	+02:54:31	300	37	3.0	#2 SN Observat	2	
0059.BDp284211	150	02:24	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0060.BDp284211	150	02:27	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0061.COMP	10	02:30	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0062.BDp174708	75	02:32	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0063.BDp174708	75	02:37	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0064.BDp174708	75	02:38	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	

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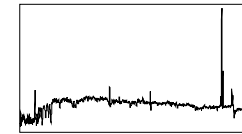
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0065.COMP	10	02:40	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0066.J202247.26+392323.7	120	02:41	20:22:47.2	+39:23:24	300	89	3.0	#190 Cygnus X	2	
0067.J202247.26+392323.7	240	02:44	20:22:47.2	+39:23:24	300	89	3.0	#190 Cygnus X	2	same, red
0068.J202350.81+383217.1	120	02:49	20:23:50.8	+38:32:17	300	89	3.0	#190 Cygnus X	2	ok
0069.J202437.04+392809.4	120	02:51	20:24:37.0	+39:28:09	300	89	3.0	#190 Cygnus X	2	
0070.J202437.04+392809.4	300	02:54	20:24:37.0	+39:28:09	300	89	3.0	#190 Cygnus X	2	same, red
0071.COMP	10	02:59	20:24:37.0	+39:28:09	300	89	3.0	#190 Cygnus X	2	
0072.J202437.76+391255.1	150	03:00	20:24:37.8	+39:12:54	300	89	3.0	#190 Cygnus X	2	
0073.J202500.03+390101.0	120	03:03	20:25:00.0	+39:01:02	300	89	3.0	#190 Cygnus X	2	
0074.J202502.28+384906.9	120	03:06	20:25:02.3	+38:49:07	300	89	3.0	#190 Cygnus X	2	
0075.J202507.62+385605.6	150	03:09	20:25:07.6	+38:56:06	300	89	3.0	#190 Cygnus X	2	
0076.J202521.91+390524.0	120	03:12	20:25:21.9	+39:05:24	300	89	3.0	#190 Cygnus X	2	
0077.COMP	10	03:15	20:25:21.9	+39:05:24	300	89	3.0	#190 Cygnus X	2	
0078.J202523.32+384358.8	150	03:15	20:25:23.3	+38:43:59	300	89	3.0	#190 Cygnus X	2	
0079.J202552.73+385735.3	150	03:18	20:25:52.7	+38:57:35	300	89	3.0	#190 Cygnus X	2	
0080.J202556.58+384356.4	120	03:21	20:25:56.5	+38:43:57	300	89	3.0	#190 Cygnus X	2	
0081.J202608.98+384349.6	120	03:24	20:26:08.9	+38:43:50	300	89	3.0	#190 Cygnus X	2	
0082.J202612.45+390025.0	150	03:27	20:26:12.5	+39:00:25	300	89	3.0	#190 Cygnus X	2	
0083.COMP	10	03:29	20:26:12.5	+39:00:25	300	89	3.0	#190 Cygnus X	2	
0084.J202617.50+390723.9	150	03:30	20:26:17.5	+39:07:24	300	89	3.0	#190 Cygnus X	2	

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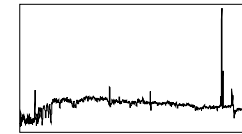
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0085.J202629.70+385233.1	150	03:33	20:26:29.7	+38:52:34	300	89	3.0	#190 Cygnus X	2	
0086.J202639.82+385454.5	175	03:36	20:26:39.8	+38:54:56	300	89	3.0	#190 Cygnus X	2	
0087.J202640.11+385659.0	175	03:40	20:26:40.1	+38:57:00	300	89	3.0	#190 Cygnus X	2	
0088.J202654.93+384819.2	175	03:43	20:26:54.9	+38:48:20	300	89	3.0	#190 Cygnus X	2	
0089.COMP	10	03:46	20:26:54.9	+38:48:20	300	89	3.0	#190 Cygnus X	2	
0090.sn2009jf	1800	03:49	23:04:53.0	+12:20:00	300	33	3.0	#2 SN Observat	2	
0091.COMP	10	04:20	23:04:53.0	+12:20:00	300	33	3.0	#2 SN Observat	2	
0092.RAqr	1	04:22	23:43:49.0	-15:17:05	300	12	3.0	#12 Symbiotic	2	
0093.RAqr	3	04:22	23:43:49.0	-15:17:05	300	12	3.0	#12 Symbiotic	2	
0094.RAqr	3	04:23	23:43:49.0	-15:17:05	300	12	3.0	#12 Symbiotic	2	
0095.RAqr	6	04:23	23:43:49.0	-15:17:05	300	12	3.0	#12 Symbiotic	2	
0096.RAqr	6	04:24	23:43:49.0	-15:17:05	300	12	3.0	#12 Symbiotic	2	
0097.COMP	10	04:24	23:43:49.0	-15:17:05	300	12	3.0	#12 Symbiotic	2	
0098.ZAnd	5	04:28	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0099.ZAnd	5	04:28	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0100.ZAnd	5	04:28	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0101.ZAnd	15	04:29	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0102.ZAnd	15	04:29	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0103.COMP	10	04:30	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0104.EGAnd	1	04:31	00:44:37.0	+40:40:47	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
0105.EGAnd	5	04:32	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0106.EGAnd	5	04:32	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0107.EGAnd	5	04:32	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0108.EGAnd	15	04:33	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0109.COMP	10	04:33	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0110.225m280	300	04:34	00:44:29.8	+41:21:25	300	90	3.0	#57 Velocity S	2	
0111.COMP	10	04:39	00:44:29.8	+41:21:25	300	90	3.0	#57 Velocity S	2	
0112.IPHASB_4229	300	04:41	22:53:28.6	+57:20:59	300	90	3.0	#157 IPHAS	2	
0113.COMP	10	04:46	22:53:28.6	+57:20:59	300	90	3.0	#157 IPHAS	2	
0114.IPHASB_4224	240	04:47	22:51:47.8	+61:38:32	300	90	3.0	#157 IPHAS	2	
0115.COMP	10	04:51	22:51:47.8	+61:38:32	300	90	3.0	#157 IPHAS	2	
0116.IPHASB_4234	420	04:55	22:54:07.6	+60:50:23	300	90	3.0	#157 IPHAS	2	
0117.COMP	10	05:02	22:54:07.6	+60:50:23	300	90	3.0	#157 IPHAS	2	
0118.IPHASB_4235	600	05:03	22:54:11.9	+60:12:35	300	90	3.0	#157 IPHAS	2	
0119.COMP	10	05:14	22:54:11.9	+60:12:35	300	90	3.0	#157 IPHAS	2	
0120.IPHASB_4242	360	05:15	22:55:23.8	+60:31:02	300	90	3.0	#157 IPHAS	2	
0121.COMP	10	05:21	22:55:23.8	+60:31:02	300	90	3.0	#157 IPHAS	2	
0122.IPHASB_4248	600	05:22	22:55:59.6	+58:49:09	300	90	3.0	#157 IPHAS	2	
0123.COMP	10	05:33	22:55:59.6	+58:49:09	300	90	3.0	#157 IPHAS	2	
0124.IPHASB_4281	600	05:34	23:01:40.7	+59:21:54	300	90	3.0	#157 IPHAS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0125.COMP	10	05:45	23:01:40.7	+59:21:54	300	90	3.0	#157 IPHAS	2	
0126.IPHASB_4286	300	05:46	23:02:15.5	+56:56:31	300	90	3.0	#157 IPHAS	2	
0127.COMP	10	05:51	23:02:15.5	+56:56:31	300	90	3.0	#157 IPHAS	2	
0128.IPHASB_4288	480	05:52	23:02:39.1	+59:26:22	300	90	3.0	#157 IPHAS	2	
0129.COMP	10	06:00	23:02:39.1	+59:26:22	300	90	3.0	#157 IPHAS	2	
0130.IPHASB_4289	360	06:04	23:02:54.2	+60:14:31	300	90	3.0	#157 IPHAS	2	
0131.COMP	10	06:11	23:02:54.2	+60:14:31	300	90	3.0	#157 IPHAS	2	
0132.AXPer	10	06:14	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0133.AXPer	30	06:15	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0134.AXPer	90	06:16	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0135.COMP	10	06:18	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0136.IPHASB_4441	360	06:19	23:46:57.0	+62:33:56	300	90	3.0	#157 IPHAS	2	
0137.COMP	10	06:25	23:46:57.0	+62:33:56	300	90	3.0	#157 IPHAS	2	
0138.IPHASB_4443	480	06:27	23:47:00.1	+60:56:27	300	90	3.0	#157 IPHAS	2	beware brighter star in slit west of target
0139.COMP	10	06:35	23:47:00.1	+60:56:27	300	90	3.0	#157 IPHAS	2	
0140.IPHASB_4454	600	06:36	23:49:43.1	+63:36:03	300	90	3.0	#157 IPHAS	2	
0141.COMP	10	06:46	23:49:43.1	+63:36:03	300	90	3.0	#157 IPHAS	2	
0142.IPHASB_4455	300	06:48	23:49:46.8	+62:42:37	300	90	3.0	#157 IPHAS	2	
0143.COMP	10	06:53	23:49:46.8	+62:42:37	300	90	3.0	#157 IPHAS	2	
0144.IPHASB_4458	480	06:54	23:50:24.7	+64:13:08	300	90	3.0	#157 IPHAS	2	

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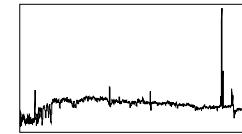
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0145.COMP	10	07:02	23:50:24.7	+64:13:08	300	90	3.0	#157 IPHAS	2	
0146.IPHASB_4475	300	07:03	23:55:09.4	+62:27:15	300	90	3.0	#157 IPHAS	2	
0147.COMP	10	07:09	23:55:09.4	+62:27:15	300	90	3.0	#157 IPHAS	2	
0148.IPHASB_1122	300	07:10	00:41:21.4	+65:04:13	300	90	3.0	#157 IPHAS	2	
0149.COMP	10	07:15	00:41:21.4	+65:04:13	300	90	3.0	#157 IPHAS	2	
0150.IPHASB_1126	360	07:17	00:42:34.2	+61:17:00	300	90	3.0	#157 IPHAS	2	
0151.COMP	10	07:23	00:42:34.2	+61:17:00	300	90	3.0	#157 IPHAS	2	
0152.3C66A	360	07:25	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0153.3C66A	360	07:31	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0154.COMP	10	07:38	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0155.sn2009kk	1500	07:40	03:49:44.3	-03:15:52	300	1	3.0	#2 SN Observat	2	
0156.COMP	10	08:06	03:49:44.3	-03:15:52	300	1	3.0	#2 SN Observat	2	
0157.J040721	60	08:08	04:07:21.8	-12:10:03	300	1	3.0	#191 2XMM Vari	2	faint companion visible 1-sec to nw
0158.COMP	10	08:10	04:07:21.8	-12:10:03	300	1	3.0	#191 2XMM Vari	2	
0159.IPHASB_1660	900	08:14	03:36:53.8	+55:39:48	300	89	3.0	#157 IPHAS	2	
0160.COMP	10	08:29	03:36:53.8	+55:39:48	300	89	3.0	#157 IPHAS	2	
0161.IPHASB_1672	900	08:30	03:42:18.5	+57:35:56	300	89	3.0	#157 IPHAS	2	
0162.COMP	10	08:45	03:42:18.5	+57:35:56	300	89	3.0	#157 IPHAS	2	
0163.IPHASB_1700	900	08:46	04:06:28.5	+58:27:09	300	89	3.0	#157 IPHAS	2	
0164.COMP	10	09:02	04:06:28.5	+58:27:09	300	89	3.0	#157 IPHAS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0165.sn2009kr	1200	09:06	05:12:03.3	-15:41:52	300	0	3.0	#2 SN Observat	2	
0166.COMP	10	09:26	05:12:03.3	-15:41:52	300	0	3.0	#2 SN Observat	2	
0167.IPHASB_1727	1200	09:31	04:20:03.9	+54:31:56	300	88	3.0	#157 IPHAS	2	
0168.COMP	10	09:51	04:20:03.9	+54:31:56	300	88	3.0	#157 IPHAS	2	
0169.IPHASB_1729	1200	09:52	04:20:23.5	+47:35:35	300	95	3.0	#157 IPHAS	2	
0170.COMP	10	10:13	04:20:23.5	+47:35:35	300	95	3.0	#157 IPHAS	2	
0171.IPHASB_1761	1200	10:15	04:35:00.1	+45:07:15	300	92	3.0	#157 IPHAS	2	thicker clouds
0172.COMP	10	10:35	04:35:00.1	+45:07:15	300	92	3.0	#157 IPHAS	2	
0173.IPHASB_1774	1500	10:48	04:41:08.7	+45:39:18	300	92	3.0	#157 IPHAS	2	
0174.COMP	10	11:13	04:41:08.7	+45:39:18	300	92	3.0	#157 IPHAS	2	
0175.IPHASB_1992	1200	11:15	05:39:55.8	+33:24:13	300	92	3.0	#157 IPHAS	2	
0176.COMP	10	11:35	05:39:55.8	+33:24:13	300	92	3.0	#157 IPHAS	2	
0177.IPHASB_1982	1200	11:37	05:37:12.4	+27:48:04	300	92	3.0	#157 IPHAS	2	
0178.COMP	10	11:57	05:37:12.4	+27:48:04	300	92	3.0	#157 IPHAS	2	
0179.S071452+684815	2	11:59	07:14:52.1	+68:48:16	300	92	3.0	#189 S Dwarfs	2	
0180.S071452+684815	2	12:00	07:14:52.1	+68:48:16	300	92	3.0	#189 S Dwarfs	2	
0181.S071452+684815	2	12:00	07:14:52.1	+68:48:16	300	92	3.0	#189 S Dwarfs	2	
0182.S071452+684815	8	12:00	07:14:52.1	+68:48:16	300	92	3.0	#189 S Dwarfs	2	
0183.S071452+684815	8	12:01	07:14:52.1	+68:48:16	300	92	3.0	#189 S Dwarfs	2	
0184.S071452+684815	8	12:02	07:14:52.1	+68:48:16	300	92	3.0	#189 S Dwarfs	2	

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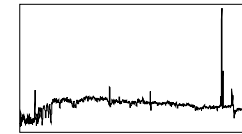
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0185.COMP	10	12:02	07:14:52.1	+68:48:16	300	92	3.0	#189 S Dwarfs	2	
0186.S072557+623527	60	12:04	07:25:57.5	+62:35:28	300	92	3.0	#189 S Dwarfs	2	
0187.S072557+623527	60	12:05	07:25:57.5	+62:35:28	300	92	3.0	#189 S Dwarfs	2	
0188.S072557+623527	60	12:06	07:25:57.5	+62:35:28	300	92	3.0	#189 S Dwarfs	2	
0189.COMP	10	12:08	07:25:57.5	+62:35:28	300	92	3.0	#189 S Dwarfs	2	
0190.S072811+455926	2	12:09	07:28:11.6	+45:59:26	300	92	3.0	#189 S Dwarfs	2	
0191.S072811+455926	2	12:09	07:28:11.6	+45:59:26	300	92	3.0	#189 S Dwarfs	2	
0192.S072811+455926	2	12:10	07:28:11.6	+45:59:26	300	92	3.0	#189 S Dwarfs	2	
0193.COMP	10	12:10	07:28:11.6	+45:59:26	300	92	3.0	#189 S Dwarfs	2	
0194.S075043+470014	60	12:12	07:50:43.6	+47:00:14	300	92	3.0	#189 S Dwarfs	2	
0195.S075043+470014	60	12:14	07:50:43.6	+47:00:14	300	92	3.0	#189 S Dwarfs	2	
0196.S075043+470014	60	12:15	07:50:43.6	+47:00:14	300	92	3.0	#189 S Dwarfs	2	
0197.COMP	10	12:16	07:50:43.6	+47:00:14	300	92	3.0	#189 S Dwarfs	2	
0198.S074918+234404	30	12:18	07:49:18.2	+23:44:04	300	92	3.0	#189 S Dwarfs	2	
0199.S074918+234404	30	12:19	07:49:18.2	+23:44:04	300	92	3.0	#189 S Dwarfs	2	
0200.S074918+234404	30	12:20	07:49:18.2	+23:44:04	300	92	3.0	#189 S Dwarfs	2	
0201.S074918+234404	120	12:20	07:49:18.2	+23:44:04	300	92	3.0	#189 S Dwarfs	2	
0202.COMP	10	12:23	07:49:18.2	+23:44:04	300	92	3.0	#189 S Dwarfs	2	
0203.S075328+174649	10	12:24	07:53:28.7	+17:46:50	300	92	3.0	#189 S Dwarfs	2	
0204.S075328+174649	10	12:24	07:53:28.7	+17:46:50	300	92	3.0	#189 S Dwarfs	2	

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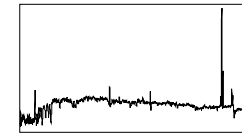
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0205.S075328+174649	10	12:25	07:53:28.7	+17:46:50	300	92	3.0	#189 S Dwarfs	2	
0206.COMP	10	12:25	07:53:28.7	+17:46:50	300	92	3.0	#189 S Dwarfs	2	
0207.S075656+311002	180	12:27	07:56:56.0	+31:10:02	300	92	3.0	#189 S Dwarfs	2	
0208.S075656+311002	180	12:30	07:56:56.0	+31:10:02	300	92	3.0	#189 S Dwarfs	2	
0209.S075656+311002	180	12:33	07:56:56.0	+31:10:02	300	92	3.0	#189 S Dwarfs	2	
0210.COMP	10	12:37	07:56:56.0	+31:10:02	300	92	3.0	#189 S Dwarfs	2	
0211.S075253+343650	60	12:38	07:52:53.2	+34:36:51	300	92	3.0	#189 S Dwarfs	2	
0212.S075253+343650	30	12:39	07:52:53.2	+34:36:51	300	92	3.0	#189 S Dwarfs	2	
0213.S075253+343650	30	12:40	07:52:53.2	+34:36:51	300	92	3.0	#189 S Dwarfs	2	
0214.S075253+343650	30	12:41	07:52:53.2	+34:36:51	300	92	3.0	#189 S Dwarfs	2	
0215.COMP	10	12:42	07:52:53.2	+34:36:51	300	92	3.0	#189 S Dwarfs	2	
0216.HD84937	30	12:43	09:48:56.1	+13:44:39	300	92	3.0	#56 Spectropho	2	
0217.HD84937	30	12:44	09:48:56.1	+13:44:39	300	92	3.0	#56 Spectropho	2	
0218.HD84937	30	12:44	09:48:56.1	+13:44:39	300	92	3.0	#56 Spectropho	2	
0219.COMP	10	12:45	09:48:56.1	+13:44:39	300	92	3.0	#56 Spectropho	2	
0220-0229.BIAS	0	12:48	09:48:56.1	+13:44:39	300	92	3.0	#6 AGN Monitor	2	
0230-0244.FLAT	7	12:54	09:48:56.1	+13:44:39	300	92	3.0	#6 AGN Monitor	2	
0245-0254.DARK	900	15:17	09:48:56.1	+13:44:39	300	92	3.0	#6 AGN Monitor	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	23:19	09:48:56.1	+13:44:39	300	92	3.0	#6 AGN Monitor	2	
0006-0015.BIAS	0	00:31	09:48:56.1	+13:44:39	300	92	3.0	#6 AGN Monitor	2	
0016-0030.FLAT	7	00:37	09:48:56.1	+13:44:39	300	92	3.0	#6 AGN Monitor	2	
0031.BFCyg	15	01:21	19:23:53.0	+29:40:27	300	92	3.0	#12 Symbiotic	2	thick clouds
0032.BFCyg	15	01:21	19:23:53.0	+29:40:27	300	92	3.0	#12 Symbiotic	2	
0033.BFCyg	45	01:22	19:23:53.0	+29:40:27	300	92	3.0	#12 Symbiotic	2	
0034.COMP	10	01:23	19:23:53.0	+29:40:27	300	92	3.0	#12 Symbiotic	2	
0035.CICyg	30	01:26	19:50:12.0	+35:41:02	300	92	3.0	#12 Symbiotic	2	
0036.CICyg	10	01:27	19:50:12.0	+35:41:02	300	92	3.0	#12 Symbiotic	2	
0037.CICyg	5	01:28	19:50:12.0	+35:41:02	300	92	3.0	#12 Symbiotic	2	
0038.COMP	10	01:28	19:50:12.0	+35:41:02	300	92	3.0	#12 Symbiotic	2	
0039.CHCyg	5	01:30	19:24:33.0	+50:14:30	300	92	3.0	#12 Symbiotic	2	
0040.CHCyg	10	01:30	19:24:33.0	+50:14:30	300	92	3.0	#12 Symbiotic	2	
0041.CHCyg	10	01:31	19:24:33.0	+50:14:30	300	92	3.0	#12 Symbiotic	2	
0042.COMP	10	01:32	19:24:33.0	+50:14:30	300	92	3.0	#12 Symbiotic	2	
0043.PUVul	5	01:33	20:21:13.0	+21:34:21	300	92	3.0	#12 Symbiotic	2	
0044.PUVul	30	01:34	20:21:13.0	+21:34:21	300	92	3.0	#12 Symbiotic	2	
0045.PUVul	60	01:35	20:21:13.0	+21:34:21	300	92	3.0	#12 Symbiotic	2	
0046.PUVul	120	01:36	20:21:13.0	+21:34:21	300	92	3.0	#12 Symbiotic	2	
0047.COMP	10	01:38	20:21:13.0	+21:34:21	300	92	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0048.HD232078	2	01:40	19:38:12.0	+16:48:26	300	58	3.0	#192 DASCH Lon	2	
0049.HD232078	10	01:41	19:38:12.0	+16:48:26	300	58	3.0	#192 DASCH Lon	2	
0050.HD232078	10	01:42	19:38:12.0	+16:48:26	300	58	3.0	#192 DASCH Lon	2	
0051.HD232078	10	01:42	19:38:12.0	+16:48:26	300	58	3.0	#192 DASCH Lon	2	
0052.HD232078	45	01:43	19:38:12.0	+16:48:26	300	58	3.0	#192 DASCH Lon	2	
0053.COMP	10	01:44	19:38:12.0	+16:48:26	300	58	3.0	#192 DASCH Lon	2	
0054.HD203504	1	01:46	21:22:04.0	+19:48:12	300	91	3.0	#192 DASCH Lon	2	
0055.HD203504	1	01:46	21:22:04.0	+19:48:12	300	91	3.0	#192 DASCH Lon	2	
0056.HD203504	1	01:47	21:22:04.0	+19:48:12	300	91	3.0	#192 DASCH Lon	2	
0057.COMP	10	01:47	21:22:04.0	+19:48:12	300	91	3.0	#192 DASCH Lon	2	
0058.J202659.54+392122.8	120	01:49	20:26:59.5	+39:21:23	300	91	3.0	#190 Cygnus X	2	
0059.J202702.04+385653.6	120	01:52	20:27:02.0	+38:56:54	300	91	3.0	#190 Cygnus X	2	
0060.J202703.78+390712.1	210	01:55	20:27:03.8	+39:07:13	300	91	3.0	#190 Cygnus X	2	
0061.J202713.23+385012.0	150	01:59	20:27:13.2	+38:50:13	300	91	3.0	#190 Cygnus X	2	
0062.J202713.70+391801.7	180	02:03	20:27:13.7	+39:18:01	300	91	3.0	#190 Cygnus X	2	
0063.COMP	10	02:06	20:27:13.7	+39:18:01	300	91	3.0	#190 Cygnus X	2	
0064.J202713.70+391801.7	438	02:07	20:27:13.7	+39:18:01	300	70	3.0	#190 Cygnus X	2	stopped by clouds
0065.COMP	10	02:15	20:27:13.7	+39:18:01	300	70	3.0	#190 Cygnus X	2	
0066.J202719.04+392725.1	180	02:32	20:27:19.0	+39:27:24	300	89	3.0	#190 Cygnus X	2	
0067.J202721.98+390447.0	150	02:36	20:27:21.9	+39:04:47	300	89	3.0	#190 Cygnus X	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0068.J202952.52+410404.7	180	02:40	20:29:52.5	+41:04:05	300	89	3.0	#190 Cygnus X	2	
0069.J202959.75+410026.9	240	02:44	20:29:59.8	+41:00:27	300	89	3.0	#190 Cygnus X	2	
0070.J203042.70+405018.6	300	02:48	20:30:42.7	+40:50:19	300	89	3.0	#190 Cygnus X	2	
0071.COMP	10	02:54	20:30:42.7	+40:50:19	300	89	3.0	#190 Cygnus X	2	
0072.J202730.83+384627.7	210	02:55	20:27:30.8	+38:46:28	300	71	3.0	#190 Cygnus X	2	
0073.COMP	10	02:59	20:27:30.8	+38:46:28	300	71	3.0	#190 Cygnus X	2	
0074.J203110.06+415055.8	240	03:08	20:31:10.0	+41:50:56	300	99	3.0	#190 Cygnus X	2	
0075.J203118.64+405101.1	270	03:13	20:31:18.6	+40:51:01	300	99	3.0	#190 Cygnus X	2	
0076.wright_chan_3	270	03:19	20:31:28.4	+41:34:10	300	99	3.0	#190 Cygnus X	2	
0077.wright_chan_7	180	03:24	20:31:37.3	+41:23:36	300	99	3.0	#190 Cygnus X	2	
0078.wright_chan_11	180	03:27	20:31:39.7	+41:26:48	300	99	3.0	#190 Cygnus X	2	
0079.COMP	10	03:31	20:31:39.7	+41:26:48	300	99	3.0	#190 Cygnus X	2	
0080.BDp284211	180	03:33	21:51:11.0	+28:51:50	300	78	3.0	#56 Spectropho	2	
0081.BDp284211	180	03:36	21:51:11.0	+28:51:50	300	78	3.0	#56 Spectropho	2	
0082.COMP	10	03:39	21:51:11.0	+28:51:50	300	78	3.0	#56 Spectropho	2	
0083.BDp174708	75	03:41	22:11:31.4	+18:05:34	300	56	3.0	#56 Spectropho	2	
0084.BDp174708	75	03:42	22:11:31.4	+18:05:34	300	56	3.0	#56 Spectropho	2	
0085.BDp174708	75	03:44	22:11:31.4	+18:05:34	300	56	3.0	#56 Spectropho	2	
0086.COMP	10	03:45	22:11:31.4	+18:05:34	300	56	3.0	#56 Spectropho	2	
0087.HD3627	10	03:48	00:39:19.0	+30:51:44	300	0	3.0	#192 DASCH Lon	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0088.HD3627	10	03:49	00:39:19.0	+30:51:44	300	0	3.0	#192 DASCH Lon	2	
0089.HD3627	10	03:49	00:39:19.0	+30:51:44	300	0	3.0	#192 DASCH Lon	2	
0090.COMP	10	03:50	00:39:19.0	+30:51:44	300	0	3.0	#192 DASCH Lon	2	
0091.IPHASB_1015	1800	03:53	00:04:09.2	+67:22:38	300	0	3.0	#157 IPHAS	2	
0092.COMP	10	04:23	00:04:09.2	+67:22:38	300	0	3.0	#157 IPHAS	2	
0093.IPHASB_1025	1800	04:24	00:07:03.1	+63:59:03	300	0	3.0	#157 IPHAS	2	
0094.COMP	10	04:55	00:07:03.1	+63:59:03	300	0	3.0	#157 IPHAS	2	
0095.HD4817	2	04:57	00:51:16.0	+61:48:21	300	0	3.0	#192 DASCH Lon	2	
0096.HD4817	2	04:58	00:51:16.0	+61:48:21	300	0	3.0	#192 DASCH Lon	2	
0097.HD4817	2	04:58	00:51:16.0	+61:48:21	300	0	3.0	#192 DASCH Lon	2	
0098.COMP	10	04:59	00:51:16.0	+61:48:21	300	0	3.0	#192 DASCH Lon	2	
0099.HD6497	2	05:00	01:06:59.0	+56:56:10	300	0	3.0	#192 DASCH Lon	2	
0100.HD6497	3	05:00	01:06:59.0	+56:56:10	300	0	3.0	#192 DASCH Lon	2	
0101.HD6497	3	05:01	01:06:59.0	+56:56:10	300	0	3.0	#192 DASCH Lon	2	
0102.HD6497	3	05:01	01:06:59.0	+56:56:10	300	0	3.0	#192 DASCH Lon	2	
0103.COMP	10	05:01	01:06:59.0	+56:56:10	300	0	3.0	#192 DASCH Lon	2	
0104.HD9746	2	05:03	01:36:27.0	+48:43:23	300	0	3.0	#192 DASCH Lon	2	
0105.HD9746	2	05:03	01:36:27.0	+48:43:23	300	0	3.0	#192 DASCH Lon	2	
0106.HD9746	2	05:04	01:36:27.0	+48:43:23	300	0	3.0	#192 DASCH Lon	2	
0107.COMP	10	05:04	01:36:27.0	+48:43:23	300	0	3.0	#192 DASCH Lon	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0108.HD10476	2	05:05	01:42:30.0	+20:16:40	300	0	3.0	#192 DASCH Lon	2	
0109.HD10476	2	05:06	01:42:30.0	+20:16:40	300	0	3.0	#192 DASCH Lon	2	
0110.HD10476	2	05:06	01:42:30.0	+20:16:40	300	0	3.0	#192 DASCH Lon	2	
0111.COMP	10	05:07	01:42:30.0	+20:16:40	300	0	3.0	#192 DASCH Lon	2	
0112.IPHASB_1232	1800	05:10	01:23:25.8	+64:26:39	300	0	3.0	#157 IPHAS	2	
0113.COMP	10	05:40	01:23:25.8	+64:26:39	300	0	3.0	#157 IPHAS	2	
0114.IPHASB_1238	1800	05:42	01:24:30.7	+62:21:56	300	0	3.0	#157 IPHAS	2	target at row 79, fainter object at row 74
0115.COMP	10	06:15	01:24:30.7	+62:21:56	300	0	3.0	#157 IPHAS	2	
0116.IPHASB_1289	1800	06:38	01:45:52.2	+66:09:33	300	0	3.0	#157 IPHAS	2	
0117.COMP	10	07:09	01:45:52.2	+66:09:33	300	0	3.0	#157 IPHAS	2	
0118.IPHASB_1397	1240	07:11	02:15:00.5	+61:41:41	300	0	3.0	#157 IPHAS	2	
0119.COMP	10	07:32	02:15:00.5	+61:41:41	300	0	3.0	#157 IPHAS	2	
0120.IPHASB_1425	1345	08:25	02:20:53.7	+64:28:36	300	0	3.0	#157 IPHAS	2	
0121.COMP	10	08:47	02:20:53.7	+64:28:36	300	0	3.0	#157 IPHAS	2	
0122.HD19476	2	08:49	03:09:28.0	+44:51:34	300	0	3.0	#192 DASCH Lon	2	
0123.HD19476	1	08:49	03:09:28.0	+44:51:34	300	0	3.0	#192 DASCH Lon	2	
0124.HD19476	1	08:50	03:09:28.0	+44:51:34	300	0	3.0	#192 DASCH Lon	2	
0125.HD19476	1	08:50	03:09:28.0	+44:51:34	300	0	3.0	#192 DASCH Lon	2	
0126.COMP	10	08:50	03:09:28.0	+44:51:34	300	0	3.0	#192 DASCH Lon	2	
0127.HD20468	2	08:51	03:18:43.0	+34:13:22	300	0	3.0	#192 DASCH Lon	2	

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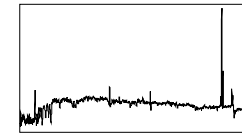
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0128.HD20468	2	08:52	03:18:43.0	+34:13:22	300	0	3.0	#192 DASCH Lon	2	
0129.HD20468	2	08:52	03:18:43.0	+34:13:22	300	0	3.0	#192 DASCH Lon	2	
0130.COMP	10	08:52	03:18:43.0	+34:13:22	300	0	3.0	#192 DASCH Lon	2	
0131.HD30834	1	08:54	04:52:38.0	+36:42:11	300	0	3.0	#192 DASCH Lon	2	
0132.HD30834	1	08:54	04:52:38.0	+36:42:11	300	0	3.0	#192 DASCH Lon	2	
0133.HD30834	1	08:54	04:52:38.0	+36:42:11	300	0	3.0	#192 DASCH Lon	2	
0134.COMP	10	08:55	04:52:38.0	+36:42:11	300	0	3.0	#192 DASCH Lon	2	
0135.sn2009kr	1200	08:57	05:12:03.3	-15:41:52	300	0	3.0	#2 SN Observat	2	
0136.COMP	10	09:18	05:12:03.3	-15:41:52	300	0	3.0	#2 SN Observat	2	
0137.IPHASB_1822	1272	09:22	04:55:11.2	+38:33:44	300	83	3.0	#157 IPHAS	2	
0138.COMP	10	09:43	04:55:11.2	+38:33:44	300	83	3.0	#157 IPHAS	2	
0139.IPHASB_1869	1800	09:45	05:12:27.1	+38:49:38	300	83	3.0	#157 IPHAS	2	very faint target
0140.COMP	10	10:16	05:12:27.1	+38:49:38	300	83	3.0	#157 IPHAS	2	
0141.IPHASB_1984	1800	10:17	05:38:19.3	+27:27:20	300	83	3.0	#157 IPHAS	2	
0142.COMP	10	10:47	05:38:19.3	+27:27:20	300	83	3.0	#157 IPHAS	2	
0143.N2230030699	300	10:49	07:36:06.4	+21:14:12	300	83	3.0	#192 DASCH Lon	2	
0144.N2230030699	300	10:54	07:36:06.4	+21:14:12	300	83	3.0	#192 DASCH Lon	2	
0145.COMP	10	11:00	07:36:06.4	+21:14:12	300	83	3.0	#192 DASCH Lon	2	
0146.N2211330177	360	11:01	07:54:45.9	+16:41:41	300	83	3.0	#192 DASCH Lon	2	
0147.N2211330177	360	11:07	07:54:45.9	+16:41:41	300	83	3.0	#192 DASCH Lon	2	

UT Date 2009-11-12 Observers P BerlindColl. Focus 1820 Grating/Grism 300

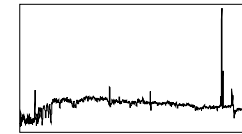
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0148.N2211330177	360	11:16	07:54:45.9	+16:41:41	300	83	3.0	#192 DASCH Lon	2	
0149.COMP	10	11:23	07:54:45.9	+16:41:41	300	83	3.0	#192 DASCH Lon	2	
0150.N2211021132	300	11:37	07:57:31.0	+20:17:33	300	83	3.0	#192 DASCH Lon	2	
0151.N2211021132	300	11:42	07:57:31.0	+20:17:33	300	83	3.0	#192 DASCH Lon	2	
0152.COMP	10	11:47	07:57:31.0	+20:17:33	300	83	3.0	#192 DASCH Lon	2	
0153.N2313102243	300	11:48	08:30:38.5	+14:07:13	300	83	3.0	#192 DASCH Lon	2	
0154.N2313102243	300	11:54	08:30:38.5	+14:07:13	300	83	3.0	#192 DASCH Lon	2	
0155.COMP	10	12:00	08:30:38.5	+14:07:13	300	83	3.0	#192 DASCH Lon	2	
0156.N233012397	300	12:01	09:53:10.0	+33:53:53	300	83	3.0	#192 DASCH Lon	2	
0157.N233012397	300	12:06	09:53:10.0	+33:53:53	300	83	3.0	#192 DASCH Lon	2	
0158.COMP	10	12:12	09:53:10.0	+33:53:53	300	83	3.0	#192 DASCH Lon	2	
0159.sn2009kq	994	12:13	08:36:15.1	+28:04:02	300	83	3.0	#2 SN Observat	2	stopped short by clouds
0160.COMP	10	12:30	08:36:15.1	+28:04:02	300	83	3.0	#2 SN Observat	2	
0161.HD84937	60	12:31	09:48:56.1	+13:44:39	300	83	3.0	#56 Spectropho	2	
0162.HD84937	60	12:33	09:48:56.1	+13:44:39	300	83	3.0	#56 Spectropho	2	
0163.HD84937	60	12:34	09:48:56.1	+13:44:39	300	83	3.0	#56 Spectropho	2	
0164.COMP	10	12:35	09:48:56.1	+13:44:39	300	83	3.0	#56 Spectropho	2	
0165.MRK421	300	12:37	11:04:27.4	+38:12:32	300	83	3.0	#6 AGN Monitor	2	
0166.MRK421	300	12:43	11:04:27.4	+38:12:32	300	83	3.0	#6 AGN Monitor	2	
0167.COMP	10	12:48	11:04:27.4	+38:12:32	300	83	3.0	#6 AGN Monitor	2	

UT Date 2009-11-12 Observers P BerlindColl. Focus 1820 Grating/Grism 300

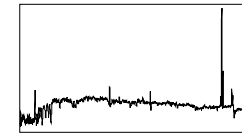
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0168.HD52071	3	12:50	07:00:58.2	+27:09:27	300	83	3.0	#57 Velocity S	2	
0169.HD52071	3	12:51	07:00:58.2	+27:09:27	300	83	3.0	#57 Velocity S	2	
0170.HD52071	3	12:51	07:00:58.2	+27:09:27	300	83	3.0	#57 Velocity S	2	
0171.COMP	10	12:51	07:00:58.2	+27:09:27	300	83	3.0	#57 Velocity S	2	
0172-0181.BIAS	0	12:55	07:00:58.2	+27:09:27	300	83	3.0	#190 Cygnus X	2	
0182-0196.FLAT	7	13:00	07:00:58.2	+27:09:27	300	83	3.0	#190 Cygnus X	2	
0197-0201.DARK	900	14:08	07:00:58.2	+27:09:27	300	83	3.0	#190 Cygnus X	2	

UT Date 2009-11-13 Observers P BerlindColl. Focus 1820 Grating/Grism 300

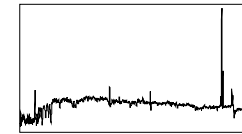
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0004.DARK	900	00:16	19:17:49.0	+31:29:10	300	83	3.0	#190 Cygnus X	2	
0005-0015.BIAS	0	00:39	19:17:49.0	+31:29:10	300	83	3.0	#190 Cygnus X	2	
0016-0030.FLAT	7	00:45	19:17:49.0	+31:29:10	300	83	3.0	#190 Cygnus X	2	

UT Date 2009-11-14 Observers M CalkinsColl. Focus 1820 Grating/Grism 300

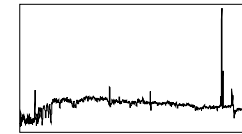
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.DARK	900	03:17	21:07:11.1	+31:27:47	300	83	3.0	#190 Cygnus X	4	
0011-0020.BIAS	0	03:34	21:07:11.1	+31:27:47	300	83	3.0	#190 Cygnus X	4	
0021-0040.FLAT	9	03:50	21:07:11.1	+31:27:47	300	83	3.0	#190 Cygnus X	2	
0041-0050.BIAS	0	03:52	21:07:11.1	+31:27:47	300	83	3.0	#190 Cygnus X	2	
0051-0060.DARK	900	13:27	21:07:11.1	+31:27:47	300	83	3.0	#190 Cygnus X	2	

UT Date 2009-11-15 Observers M CalkinsColl. Focus 1900 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	01:31	21:07:11.1	+31:27:47	300	83	3.0	#190 Cygnus X	2	
0011.BIAS	0	01:51	21:07:11.1	+31:27:47	300	83	3.0	#190 Cygnus X	2	binby 2
0012-0020.BIAS	0	01:52	21:07:11.1	+31:27:47	300	83	3.0	#190 Cygnus X	2	
0021-0023.FLAT	7	02:10	22:16:36.9	+31:27:11	300	83	3.0	#190 Cygnus X	2	
0024-0040.FLAT	7	02:36	22:37:01.5	+31:27:04	300	83	3.0	#190 Cygnus X	2	
0041.BIAS	0	02:39	22:37:01.5	+31:27:04	300	83	3.0	#190 Cygnus X	4	binby 4
0042-0050.BIAS	0	02:40	22:37:01.5	+31:27:04	300	83	3.0	#190 Cygnus X	4	
0051.BDp284211	80	03:51	21:51:11.0	+28:51:50	300	77	3.0	#56 Spectropho	2	
0052.COMP	10	03:54	21:51:11.0	+28:51:50	300	77	3.0	#56 Spectropho	2	
0053.BDp174708	25	03:58	22:11:31.4	+18:05:34	300	58	3.0	#56 Spectropho	2	
0054.BDp174708	25	03:58	22:11:31.4	+18:05:34	300	58	3.0	#56 Spectropho	2	
0055.BDp174708	25	03:59	22:11:31.4	+18:05:34	300	58	3.0	#56 Spectropho	2	
0056.COMP	10	04:00	22:11:31.4	+18:05:34	300	58	3.0	#56 Spectropho	2	
0057.M31	60	04:03	00:42:44.3	+41:16:09	300	89	3.0	#57 Velocity S	2	
0058.COMP	10	04:05	00:42:44.3	+41:16:09	300	89	3.0	#57 Velocity S	2	
0059.wright_chan_15	300	04:10	20:31:43.7	+41:36:07	300	89	3.0	#190 Cygnus X	2	
0060.COMP	10	04:15	20:31:43.7	+41:36:07	300	89	3.0	#190 Cygnus X	2	
0061.J203146.09+405211.2	210	04:17	20:31:46.1	+40:52:11	300	89	3.0	#190 Cygnus X	2	
0062.COMP	10	04:23	20:31:46.1	+40:52:11	300	89	3.0	#190 Cygnus X	2	
0063.wright_chan_24	300	04:25	20:31:50.9	+41:31:17	300	89	3.0	#190 Cygnus X	2	

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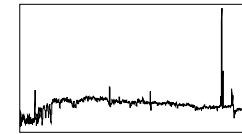
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0064.COMP	10	04:31	20:31:50.9	+41:31:17	300	89	3.0	#190 Cygnus X	2	
0065.wright_chan_25	210	04:32	20:31:51.3	+41:23:23	300	89	3.0	#190 Cygnus X	2	
0066.COMP	10	04:36	20:31:51.3	+41:23:23	300	89	3.0	#190 Cygnus X	2	
0067.wright_chan_28	240	04:39	20:31:53.8	+41:37:29	300	89	3.0	#190 Cygnus X	2	
0068.COMP	10	04:43	20:31:53.8	+41:37:29	300	89	3.0	#190 Cygnus X	2	
0069.wright_chan_101	150	04:45	20:32:31.7	+41:28:29	300	89	3.0	#190 Cygnus X	2	
0070.COMP	10	04:48	20:32:31.7	+41:28:29	300	89	3.0	#190 Cygnus X	2	
0071.IPHASB_1026	1020	04:52	00:07:06.4	+65:40:16	300	89	3.0	#157 IPHAS	2	
0072.COMP	10	05:10	00:07:06.4	+65:40:16	300	89	3.0	#157 IPHAS	2	
0073.IPHASB_1028	1200	05:12	00:07:18.7	+65:36:42	300	89	3.0	#157 IPHAS	2	need more counts
0074.COMP	10	05:33	00:07:18.7	+65:36:42	300	89	3.0	#157 IPHAS	2	
0075.IPHASB_1028	1800	05:37	00:07:18.7	+65:36:42	300	89	3.0	#157 IPHAS	2	poor seeing
0076.COMP	10	06:09	00:07:18.7	+65:36:42	300	89	3.0	#157 IPHAS	2	
0077.IPHASB_1138	1500	06:12	00:46:07.0	+64:35:47	300	89	3.0	#157 IPHAS	2	
0078.COMP	10	06:40	00:46:07.0	+64:35:47	300	89	3.0	#157 IPHAS	2	
0079.IPHASB_1037	780	06:43	00:09:16.8	+60:12:13	300	89	3.0	#157 IPHAS	2	
0080.COMP	10	06:58	00:09:16.8	+60:12:13	300	89	3.0	#157 IPHAS	2	
0081.sn2009kk	1200	07:04	03:49:44.3	-03:15:52	300	-12	3.0	#2 SN Observat	2	seeing improving
0082.COMP	10	07:24	03:49:44.3	-03:15:52	300	-12	3.0	#2 SN Observat	2	
0083.sn2009lb	1800	07:32	04:04:36.0	+33:17:28	300	68	3.0	#2 SN Observat	2	

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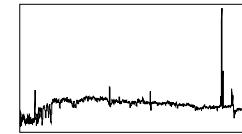
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0084.COMP	10	08:02	04:04:36.0	+33:17:28	300	68	3.0	#2 SN Observat	2	
0085.IGRJ01583p6713	1500	08:17	01:58:18.2	+67:13:26	600	89	2.0	#176 Be/X-ray	2	
0086.COMP	7	08:43	01:58:18.2	+67:13:26	600	89	2.0	#176 Be/X-ray	2	
0087.LSIp61303	90	08:45	02:40:31.6	+61:13:46	600	89	2.0	#176 Be/X-ray	2	
0088.COMP	7	08:47	02:40:31.6	+61:13:46	600	89	2.0	#176 Be/X-ray	2	
0089.V0332p53	1800	08:49	03:34:59.8	+53:10:24	600	89	2.0	#176 Be/X-ray	2	
0090.COMP	7	09:20	03:34:59.8	+53:10:24	600	89	2.0	#176 Be/X-ray	2	
0091.XPer	4	09:22	03:55:23.0	+31:02:45	600	89	2.0	#176 Be/X-ray	2	
0092.COMP	7	09:23	03:55:23.0	+31:02:45	600	89	2.0	#176 Be/X-ray	2	
0093.RXJ04409p4431	240	09:25	04:41:00.6	+44:31:50	600	89	2.0	#176 Be/X-ray	2	
0094.COMP	7	09:29	04:41:00.6	+44:31:50	600	89	2.0	#176 Be/X-ray	2	
0095.A0535p262	45	09:30	05:38:54.5	+26:18:57	600	89	2.0	#176 Be/X-ray	2	
0096.COMP	7	09:32	05:38:54.5	+26:18:57	600	89	2.0	#176 Be/X-ray	2	
0097.IGRJ06074p2205	360	09:34	06:07:26.6	+22:05:48	600	89	2.0	#176 Be/X-ray	2	
0098.COMP	7	09:40	06:07:26.6	+22:05:48	600	89	2.0	#176 Be/X-ray	2	
0099.MXB0656-072	600	09:42	06:58:16.8	-07:12:38	600	89	2.0	#176 Be/X-ray	2	
0100.COMP	7	09:53	06:58:16.8	-07:12:38	600	89	2.0	#176 Be/X-ray	2	
0101.MXB0656-072	240	09:54	06:58:16.8	-07:12:38	600	89	2.0	#176 Be/X-ray	2	
0102.COMP	7	09:58	06:58:16.8	-07:12:38	600	89	2.0	#176 Be/X-ray	2	
0103.HD19445	20	10:01	03:08:26.3	+26:20:29	600	90	2.0	#176 Be/X-ray	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0104.COMP	7	10:03	03:08:26.3	+26:20:29	600	90	2.0	#176 Be/X-ray	2	
0105-0114.FLAT	15	10:09	03:08:26.3	+26:20:29	600	90	2.0	#176 Be/X-ray	2	
0115.N2230131595	2	10:17	07:07:21.3	+22:42:13	600	90	2.0	#192 DASCH Lon	2	
0116.N2230131595	7	10:18	07:07:21.3	+22:42:13	600	90	2.0	#192 DASCH Lon	2	
0117.N2230131595	20	10:19	07:07:21.3	+22:42:13	600	90	2.0	#192 DASCH Lon	2	
0118.COMP	7	10:20	07:07:21.3	+22:42:13	600	90	2.0	#192 DASCH Lon	2	
0119.N2222020316	5	10:21	07:20:59.0	+24:59:58	600	90	2.0	#192 DASCH Lon	2	
0120.N2222020316	15	10:22	07:20:59.0	+24:59:58	600	90	2.0	#192 DASCH Lon	2	
0121.COMP	7	10:24	07:20:59.0	+24:59:58	600	90	2.0	#192 DASCH Lon	2	
0122.N2230030699	120	10:26	07:36:06.4	+21:14:12	600	90	2.0	#192 DASCH Lon	2	
0123.COMP	7	10:29	07:36:06.4	+21:14:12	600	90	2.0	#192 DASCH Lon	2	
0124.N2211330177	300	10:31	07:54:45.9	+16:41:41	600	90	2.0	#192 DASCH Lon	2	
0125.COMP	7	10:37	07:54:45.9	+16:41:41	600	90	2.0	#192 DASCH Lon	2	
0126.N2211021132	240	10:38	07:57:31.0	+20:17:33	600	90	2.0	#192 DASCH Lon	2	
0127.COMP	7	10:43	07:57:31.0	+20:17:33	600	90	2.0	#192 DASCH Lon	2	
0128.N2301121395	360	10:45	08:03:37.9	+35:00:07	600	97	2.0	#192 DASCH Lon	2	
0129.COMP	7	10:51	08:03:37.9	+35:00:07	600	97	2.0	#192 DASCH Lon	2	
0130.N2332203458	240	10:53	08:17:44.6	+36:26:06	600	91	2.0	#192 DASCH Lon	2	
0131.COMP	7	11:02	08:17:44.6	+36:26:06	600	91	2.0	#192 DASCH Lon	2	
0132.N2210301405	20	11:03	08:28:03.0	+04:12:42	600	91	2.0	#192 DASCH Lon	2	

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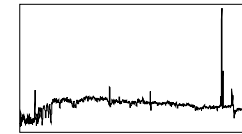
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0133.COMP	10	11:04	08:28:03.0	+04:12:42	600	91	2.0	#192 DASCH Lon	2	
0134.N2313102243	120	11:05	08:30:38.5	+14:07:13	600	91	2.0	#192 DASCH Lon	2	
0135.COMP	7	11:09	08:30:38.5	+14:07:13	600	91	2.0	#192 DASCH Lon	2	
0136.N23122228397	1200	11:10	08:39:52.9	+21:49:55	600	91	2.0	#192 DASCH Lon	2	
0137.COMP	7	11:31	08:39:52.9	+21:49:55	600	91	2.0	#192 DASCH Lon	2	
0138.N233321051	30	11:32	09:05:43.5	+39:52:35	600	91	2.0	#192 DASCH Lon	2	
0139.COMP	7	11:34	09:05:43.5	+39:52:35	600	91	2.0	#192 DASCH Lon	2	
0140.N2330310125	300	11:35	09:34:08.8	+26:28:05	600	91	2.0	#192 DASCH Lon	2	
0141.COMP	7	11:42	09:34:08.8	+26:28:05	600	91	2.0	#192 DASCH Lon	2	
0142.N2330133210	24	11:43	09:45:34.3	+34:30:43	600	91	2.0	#192 DASCH Lon	2	
0143.COMP	7	11:44	09:45:34.3	+34:30:43	600	91	2.0	#192 DASCH Lon	2	
0144.N2022112172	1	11:46	09:51:02.0	+13:03:58	600	91	2.0	#192 DASCH Lon	2	
0145.COMP	7	11:47	09:51:02.0	+13:03:58	600	91	2.0	#192 DASCH Lon	2	
0146.N233012397	180	11:48	09:53:10.0	+33:53:53	600	91	2.0	#192 DASCH Lon	2	
0147.COMP	10	11:51	09:53:10.0	+33:53:53	600	91	2.0	#192 DASCH Lon	2	
0148.sn2009kq	600	12:04	08:36:15.1	+28:04:02	300	91	3.0	#2 SN Observat	2	
0149.COMP	10	12:16	08:36:15.1	+28:04:02	300	91	3.0	#2 SN Observat	2	
0150.sn2009kn	1500	12:20	08:09:43.0	-17:44:51	300	-44	3.0	#2 SN Observat	2	
0151.COMP	10	12:47	08:09:43.0	-17:44:51	300	-44	3.0	#2 SN Observat	2	
0152.HD84937	24	12:51	09:48:56.1	+13:44:39	300	-28	3.0	#56 Spectropho	2	

UT Date 2009-11-15 Observers M CalkinsColl. Focus 1900 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>
0153.COMP	10	12:53	09:48:56.1	+13:44:39	300	-28	3.0	#56 Spectropho	2	
0154.Feige34	70	12:56	10:39:36.7	+43:06:09	300	63	3.0	#56 Spectropho	2	
0155.COMP	10	12:58	10:39:36.7	+43:06:09	300	63	3.0	#56 Spectropho	2	
0156-0165.BIAS	0	13:05	10:39:36.7	+43:06:09	300	87	3.0	#2 SN Observat	2	
0166-0185.FLAT	7	13:12	10:39:36.7	+43:06:09	300	87	3.0	#2 SN Observat	2	
0186-0195.DARK	900	15:34	10:39:36.7	+43:06:09	300	87	3.0	#2 SN Observat	2	

UT Date 2009-11-16 Observers M CalkinsColl. Focus 1820 Grating/Grism 300

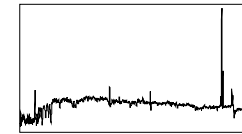
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	00:16	10:39:36.7	+43:06:09	300	87	3.0	#2 SN Observat	4	
0011-0020.BIAS	0	00:36	10:39:36.7	+43:06:09	300	87	3.0	#2 SN Observat	4	
0021-0030.FLAT	12	01:32	22:11:31.4	+18:05:34	600	87	2.0	#56 Spectropho	4	
0031.BDp284211	70	01:33	21:51:11.0	+28:51:50	600	87	2.0	#56 Spectropho	4	
0032.COMP	10	01:36	21:51:11.0	+28:51:50	600	87	2.0	#56 Spectropho	4	
0033.BDp174708	20	01:38	22:11:31.4	+18:05:34	600	87	2.0	#56 Spectropho	4	
0034.COMP	10	01:39	22:11:31.4	+18:05:34	600	87	2.0	#56 Spectropho	4	
0035.bhvs430	780	01:42	20:14:15.9	-11:09:36	600	87	2.0	#182 Runaway B	4	
0036.COMP	10	01:56	20:14:15.9	-11:09:36	600	87	2.0	#182 Runaway B	4	
0037.bhvs431	960	01:58	20:15:50.2	-13:31:42	600	87	2.0	#182 Runaway B	4	
0038.COMP	10	02:15	20:15:50.2	-13:31:42	600	87	2.0	#182 Runaway B	4	
0039.bhvs432	840	02:17	20:20:14.7	-11:48:14	600	87	2.0	#182 Runaway B	4	
0040.COMP	10	02:32	20:20:14.7	-11:48:14	600	87	2.0	#182 Runaway B	4	
0041.bhvs433	1200	02:34	20:25:46.6	-14:03:42	600	87	2.0	#182 Runaway B	4	
0042.COMP	10	02:56	20:25:46.6	-14:03:42	600	87	2.0	#182 Runaway B	4	
0043.bhvs434	960	02:58	20:28:40.6	-12:49:59	600	87	2.0	#182 Runaway B	4	
0044.COMP	10	03:15	20:28:40.6	-12:49:59	600	87	2.0	#182 Runaway B	4	
0045.bhvs407	1440	03:23	22:01:15.1	+11:15:47	600	87	2.0	#182 Runaway B	4	
0046.COMP	10	03:47	22:01:15.1	+11:15:47	600	87	2.0	#182 Runaway B	4	
0047.bhvs409	1020	03:49	22:13:43.0	+12:23:17	600	95	2.0	#182 Runaway B	4	

UT Date 2009-11-16 Observers M CalkinsColl. Focus 1820 Grating/Grism 300

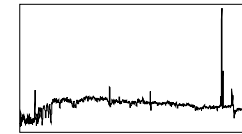
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0048.COMP	10	04:08	22:13:43.0	+12:23:17	600	95	2.0	#182 Runaway B	4	
0049.bhvs408	960	04:10	22:04:03.4	+12:25:07	600	90	2.0	#182 Runaway B	4	
0050.COMP	10	04:27	22:04:03.4	+12:25:07	600	90	2.0	#182 Runaway B	4	
0051.bhvs412	660	04:28	22:16:52.7	+07:07:56	600	90	2.0	#182 Runaway B	4	
0052.COMP	10	04:40	22:16:52.7	+07:07:56	600	90	2.0	#182 Runaway B	4	
0053.bhvs422	1620	04:43	22:56:05.0	+08:09:36	600	90	2.0	#182 Runaway B	4	
0054.COMP	10	05:13	22:56:05.0	+08:09:36	600	90	2.0	#182 Runaway B	4	
0055.bhvs425	600	05:15	23:53:36.1	+08:08:55	600	90	2.0	#182 Runaway B	4	
0056.COMP	10	05:25	23:53:36.1	+08:08:55	600	90	2.0	#182 Runaway B	4	
0057.bhvs426	1320	05:27	23:54:31.1	+07:06:25	600	90	2.0	#182 Runaway B	4	
0058.COMP	10	05:49	23:54:31.1	+07:06:25	600	90	2.0	#182 Runaway B	4	
0059.bhvs427	1800	05:51	23:59:06.3	+07:25:06	600	90	2.0	#182 Runaway B	4	
0060.COMP	10	06:21	23:59:06.3	+07:25:06	600	90	2.0	#182 Runaway B	4	
0061.sn2009jf	1800	06:31	23:04:53.0	+12:20:00	300	46	3.0	#2 SN Observat	2	
0062.COMP	10	07:01	23:04:53.0	+12:20:00	300	46	3.0	#2 SN Observat	2	
0063.sn2009ig	1200	07:04	02:38:11.6	-01:18:45	300	16	3.0	#2 SN Observat	2	
0064.COMP	10	07:25	02:38:11.6	-01:18:45	300	16	3.0	#2 SN Observat	2	
0065.sn2009iz	1800	07:30	02:42:15.4	+42:23:50	300	110	3.0	#2 SN Observat	2	row=85
0066.COMP	10	08:01	02:42:15.4	+42:23:50	300	110	3.0	#2 SN Observat	2	
0067.HD19445	10	08:04	03:08:25.6	+26:19:51	300	91	3.0	#56 Spectropho	2	

UT Date 2009-11-16 Observers M CalkinsColl. Focus 1820 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0068.COMP	10	08:04	03:08:25.6	+26:19:51	300	91	3.0	#56 Spectropho	2	
0069.G191B2B	300	08:06	05:05:30.6	+52:49:52	300	91	3.0	#56 Spectropho	2	
0070.COMP	10	08:12	05:05:30.6	+52:49:52	300	91	3.0	#56 Spectropho	2	
0071-0100.FLAT	7	08:24	08:12:12.8	+59:23:46	300	91	3.0	#178 Extremely	2	
0101.pg0808p595	900	08:30	08:12:12.8	+59:23:46	600	91	1.5	#178 Extremely	4	
0102.COMP	10	08:45	08:12:12.8	+59:23:46	600	91	1.5	#178 Extremely	4	
0103.pg0808p595	900	08:46	08:12:12.8	+59:23:46	600	91	1.5	#178 Extremely	4	
0104.pg0808p595	900	09:01	08:12:12.8	+59:23:46	600	91	1.5	#178 Extremely	4	
0105.COMP	10	09:16	08:12:12.8	+59:23:46	600	91	1.5	#178 Extremely	4	
0106.pg0808p595	900	09:17	08:12:12.8	+59:23:46	600	91	1.5	#178 Extremely	4	
0107.pg0808p595	900	09:32	08:12:12.8	+59:23:46	600	91	1.5	#178 Extremely	4	
0108.COMP	10	09:50	08:12:12.8	+59:23:46	600	91	1.5	#178 Extremely	4	
0109.pg0808p595	900	09:51	08:12:12.8	+59:23:46	600	91	1.5	#178 Extremely	4	
0110.pg0808p595	900	10:06	08:12:12.8	+59:23:46	600	91	1.5	#178 Extremely	4	
0111.COMP	10	10:28	08:12:12.8	+59:23:46	600	91	1.5	#178 Extremely	4	
0112.pg0808p595	900	10:28	08:12:12.8	+59:23:46	600	91	1.5	#178 Extremely	4	
0113.pg0808p595	900	10:43	08:12:12.8	+59:23:46	600	91	1.5	#178 Extremely	4	
0114.COMP	10	10:59	08:12:12.8	+59:23:46	600	91	1.5	#178 Extremely	4	
0115.pg0808p595	900	11:00	08:12:12.8	+59:23:46	600	91	1.5	#178 Extremely	4	
0116.pg0808p595	900	11:15	08:12:12.8	+59:23:46	600	91	1.5	#178 Extremely	4	

UT Date 2009-11-16 Observers M CalkinsColl. Focus 1820 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0117.COMP	10	11:31	08:12:12.8	+59:23:46	600	91	1.5	#178 Extremely	4	
0118.pg0808p595	900	11:32	08:12:12.8	+59:23:46	600	91	1.5	#178 Extremely	4	
0119.pg0808p595	900	11:47	08:12:12.8	+59:23:46	600	91	1.5	#178 Extremely	4	
0120.COMP	10	12:02	08:12:12.8	+59:23:46	600	91	1.5	#178 Extremely	4	
0121.pg0808p595	900	12:04	08:12:12.8	+59:23:46	600	91	1.5	#178 Extremely	4	
0122.pg0808p595	900	12:19	08:12:12.8	+59:23:46	600	91	1.5	#178 Extremely	4	
0123.COMP	10	12:35	08:12:12.8	+59:23:46	600	91	1.5	#178 Extremely	4	
0124.Feige34	120	12:38	10:39:36.7	+43:06:09	600	91	1.5	#56 Spectropho	4	
0125.COMP	10	12:41	10:39:36.7	+43:06:09	600	91	1.5	#56 Spectropho	4	
0126.pg0808p595	900	12:45	08:12:12.8	+59:23:46	600	91	1.5	#178 Extremely	4	
0127.COMP	10	13:01	08:12:12.8	+59:23:46	600	91	1.5	#178 Extremely	4	
0128-0137.BIAS	0	13:04	08:12:12.8	+59:23:46	600	91	1.5	#178 Extremely	4	
0138-0147.FLAT	15	13:10	08:12:12.8	+59:23:46	600	91	1.5	#178 Extremely	4	
0148-0167.BIAS	0	13:16	08:12:12.8	+59:23:46	600	91	1.5	#178 Extremely	2	
0168.COMP	5	13:20	08:12:12.8	+59:23:46	300	91	3.0	#178 Extremely	2	test
0169-0177.DARK	900	15:38	08:12:12.8	+59:23:46	300	91	3.0	#178 Extremely	2	

UT Date 2009-11-17 Observers P BerlindColl. Focus 1820 Grating/Grism 300

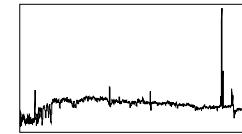
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	00:15	20:23:21.0	+31:28:18	300	91	3.0	#178 Extremely	2	
0011-0025.FLAT	7	00:20	20:23:21.0	+31:28:18	300	91	3.0	#178 Extremely	2	
0026-0030.sky	3	00:38	20:45:00.0	+32:00:00	300	91	3.0	#57 Velocity S	2	
0031.COMP	10	00:38	20:45:00.0	+32:00:00	300	91	3.0	#57 Velocity S	2	
0032.HD203504	10	01:09	21:22:04.0	+19:48:12	600	91	2.0	#192 DASCH Lon	2	
0033.test	10	01:10	21:22:04.0	+19:48:12	600	91	2.0	#192 DASCH Lon	2	
0034.test	10	01:10	21:22:04.0	+19:48:12	600	91	2.0	#192 DASCH Lon	2	
0035.test	10	01:11	21:22:04.0	+19:48:12	600	91	2.0	#192 DASCH Lon	2	
0036.test	10	01:12	21:22:04.0	+19:48:12	600	91	2.0	#192 DASCH Lon	2	
0037.test	10	01:13	21:22:04.0	+19:48:12	600	91	2.0	#192 DASCH Lon	2	
0038.COMP	10	01:14	21:22:04.0	+19:48:12	600	91	2.0	#192 DASCH Lon	2	
0039.FLAT	15	01:15	21:22:04.0	+19:48:12	600	91	2.0	#192 DASCH Lon	2	600-line, 2-sec, Sumin/Zezas
0040-0049.FLAT	15	01:19	21:22:04.0	+19:48:12	600	91	2.0	#192 DASCH Lon	2	
0050.HD203504	1	01:21	21:22:04.0	+19:48:12	600	91	2.0	#192 DASCH Lon	2	
0051.HD203504	1	01:22	21:22:04.0	+19:48:12	600	91	2.0	#192 DASCH Lon	2	
0052.HD203504	1	01:22	21:22:04.0	+19:48:12	600	91	2.0	#192 DASCH Lon	2	
0053.COMP	10	01:23	21:22:04.0	+19:48:12	600	91	2.0	#192 DASCH Lon	2	
0054.HD232078	5	01:24	19:38:12.0	+16:48:26	600	91	2.0	#192 DASCH Lon	2	
0055.HD232078	5	01:24	19:38:12.0	+16:48:26	600	91	2.0	#192 DASCH Lon	2	
0056.HD232078	5	01:25	19:38:12.0	+16:48:26	600	91	2.0	#192 DASCH Lon	2	

UT Date 2009-11-17 Observers P BerlindColl. Focus 1820 Grating/Grism 300

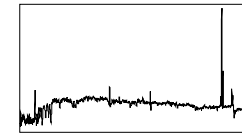
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0057.COMP	10	01:25	19:38:12.0	+16:48:26	600	91	2.0	#192 DASCH Lon	2	
0058.vega	10	01:29	18:36:45.5	+38:26:28	600	91	2.0	#192 DASCH Lon	2	
0059.vega	10	01:30	18:36:45.5	+38:26:28	600	91	2.0	#192 DASCH Lon	2	
0060.vega	10	01:30	18:36:45.5	+38:26:28	600	91	2.0	#192 DASCH Lon	2	
0061.COMP	10	01:31	18:36:45.5	+38:26:28	600	91	2.0	#192 DASCH Lon	2	
0062.K3310022	180	01:32	18:36:45.5	+38:26:28	600	91	2.0	#192 DASCH Lon	2	
0063.COMP	10	01:36	18:36:45.5	+38:26:28	600	91	2.0	#192 DASCH Lon	2	
0064.K8153411	240	01:37	19:07:16.3	+44:01:08	600	90	2.0	#192 DASCH Lon	2	
0065.COMP	10	01:42	19:07:16.3	+44:01:08	600	90	2.0	#192 DASCH Lon	2	
0066.K10844288	600	01:43	18:51:44.0	+48:16:38	600	90	2.0	#192 DASCH Lon	2	
0067.COMP	10	01:54	18:51:44.0	+48:16:38	600	90	2.0	#192 DASCH Lon	2	
0068.K64036	600	01:55	19:08:21.1	+34:40:40	600	90	2.0	#192 DASCH Lon	2	
0069.COMP	10	02:06	19:08:21.1	+34:40:40	600	90	2.0	#192 DASCH Lon	2	
0070.K10003658	120	02:07	19:13:15.5	+46:58:56	600	90	2.0	#192 DASCH Lon	2	
0071.COMP	10	02:10	19:13:15.5	+46:58:56	600	90	2.0	#192 DASCH Lon	2	
0072.N0303130834	60	02:11	19:28:47.6	+46:02:38	600	90	2.0	#192 DASCH Lon	2	saturated in the red
0073.COMP	10	02:12	19:28:47.6	+46:02:38	600	90	2.0	#192 DASCH Lon	2	
0074.N0303130834	15	02:14	19:28:47.6	+46:02:38	600	90	2.0	#192 DASCH Lon	2	Carbon star
0075.K9841401	150	02:16	19:43:40.5	+46:40:03	600	90	2.0	#192 DASCH Lon	2	
0076.COMP	10	02:19	19:43:40.5	+46:40:03	600	90	2.0	#192 DASCH Lon	2	

UT Date 2009-11-17 Observers P BerlindColl. Focus 1820 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0077.N03030221355	150	02:20	19:43:28.7	+41:40:07	600	90	2.0	#192 DASCH Lon	2	
0078.COMP	10	02:23	19:43:28.7	+41:40:07	600	90	2.0	#192 DASCH Lon	2	
0079.K12071221	10	02:24	19:44:48.2	+50:31:30	600	90	2.0	#192 DASCH Lon	2	PN
0080.K12071221	30	02:25	19:44:48.2	+50:31:30	600	90	2.0	#192 DASCH Lon	2	
0081.K12071221	60	02:26	19:44:48.2	+50:31:30	600	90	2.0	#192 DASCH Lon	2	
0082.COMP	10	02:27	19:44:48.2	+50:31:30	600	90	2.0	#192 DASCH Lon	2	
0083.BDp174708	75	02:32	22:11:31.4	+18:05:34	600	90	2.0	#56 Spectropho	2	
0084.BDp174708	75	02:33	22:11:31.4	+18:05:34	600	90	2.0	#56 Spectropho	2	
0085.COMP	10	02:35	22:11:31.4	+18:05:34	600	90	2.0	#56 Spectropho	2	
0086.K12423771	30	02:36	19:53:55.0	+51:13:17	600	90	2.0	#192 DASCH Lon	2	
0087.K12423771.SE	45	02:38	19:53:55.0	+51:13:17	600	90	2.0	#192 DASCH Lon	2	
0088.COMP	10	02:39	19:53:55.0	+51:13:17	600	90	2.0	#192 DASCH Lon	2	
0089.K686776	30	02:40	19:59:06.9	+36:28:19	600	90	2.0	#192 DASCH Lon	2	
0090.COMP	10	02:41	19:59:06.9	+36:28:19	600	90	2.0	#192 DASCH Lon	2	
0091.K11104511	600	02:42	20:00:36.9	+48:37:31	600	90	2.0	#192 DASCH Lon	2	
0092.COMP	10	02:53	20:00:36.9	+48:37:31	600	90	2.0	#192 DASCH Lon	2	
0093.K12185323	480	02:54	20:11:05.4	+50:43:15	600	90	2.0	#192 DASCH Lon	2	
0094.COMP	10	03:02	20:11:05.4	+50:43:15	600	90	2.0	#192 DASCH Lon	2	
0095.K4974759	46	03:03	20:11:54.4	+40:00:30	600	90	2.0	#192 DASCH Lon	2	
0096.COMP	10	03:04	20:11:54.4	+40:00:30	600	90	2.0	#192 DASCH Lon	2	

UT Date 2009-11-17 Observers P BerlindColl. Focus 1820 Grating/Grism 300

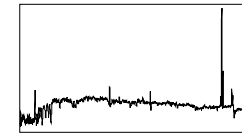
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0097.K3303451	20	03:06	20:12:44.4	+38:23:31	600	90	2.0	#192 DASCH Lon	2	
0098.COMP	10	03:10	20:12:44.4	+38:23:31	600	90	2.0	#192 DASCH Lon	2	
0099.HD192163	15	03:12	20:12:06.0	+38:21:19	600	90	2.0	#192 DASCH Lon	2	
0100.HD192163	10	03:13	20:12:06.0	+38:21:19	600	90	2.0	#192 DASCH Lon	2	
0101.COMP	10	03:14	20:12:06.0	+38:21:19	600	90	2.0	#192 DASCH Lon	2	
0102.NO310033448	600	03:16	20:58:20.0	+04:11:31	600	90	2.0	#192 DASCH Lon	2	
0103.COMP	10	03:26	20:58:20.0	+04:11:31	600	90	2.0	#192 DASCH Lon	2	
0104.NO02010375	600	03:28	21:41:33.3	+01:24:56	600	90	2.0	#192 DASCH Lon	2	
0105.COMP	10	03:38	21:41:33.3	+01:24:56	600	90	2.0	#192 DASCH Lon	2	
0106.NO313222857	150	03:40	21:10:23.5	+14:04:46	600	90	2.0	#192 DASCH Lon	2	
0107.COMP	10	03:43	21:10:23.5	+14:04:46	600	90	2.0	#192 DASCH Lon	2	
0108.NO313311705	240	03:44	21:06:26.3	+17:57:07	600	90	2.0	#192 DASCH Lon	2	
0109.COMP	10	03:49	21:06:26.3	+17:57:07	600	90	2.0	#192 DASCH Lon	2	
0110.NO022112339	18	03:50	21:51:02.0	+12:37:32	600	90	2.0	#192 DASCH Lon	2	
0111.NO022112339	5	03:50	21:51:02.0	+12:37:32	600	90	2.0	#192 DASCH Lon	2	
0112.NO022112339	5	03:51	21:51:02.0	+12:37:32	600	90	2.0	#192 DASCH Lon	2	
0113.COMP	10	03:51	21:51:02.0	+12:37:32	600	90	2.0	#192 DASCH Lon	2	
0114.SAXJ21035p4545	1200	03:54	21:03:35.7	+45:45:05	600	90	2.0	#176 Be/X-ray	2	
0115.COMP	7	04:14	21:03:35.7	+45:45:05	600	90	2.0	#176 Be/X-ray	2	
0116.4U2204p543	120	04:16	22:07:57.0	+54:31:06	600	90	2.0	#176 Be/X-ray	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0117.COMP	7	04:18	22:07:57.0	+54:31:06	600	90	2.0	#176 Be/X-ray	2	
0118.4U0115p634	1500	04:20	01:18:32.0	+63:44:24	600	90	2.0	#176 Be/X-ray	2	
0119.COMP	7	04:46	01:18:32.0	+63:44:24	600	90	2.0	#176 Be/X-ray	2	
0120.IGRJ01363p6610	600	04:47	01:35:49.8	+66:12:43	600	90	2.0	#176 Be/X-ray	2	
0121.COMP	7	04:58	01:35:49.8	+66:12:43	600	90	2.0	#176 Be/X-ray	2	
0122.RXJ01469p6121	210	04:59	01:47:00.0	+61:21:23	600	90	2.0	#176 Be/X-ray	2	
0123.COMP	7	05:03	01:47:00.0	+61:21:23	600	90	2.0	#176 Be/X-ray	2	
0124.test	10	05:07	01:45:00.0	+32:00:00	300	90	3.0	#176 Be/X-ray	2	
0125.test	10	05:09	01:45:00.0	+32:00:00	300	90	3.0	#176 Be/X-ray	2	
0126.test	10	05:11	01:45:00.0	+32:00:00	300	90	3.0	#176 Be/X-ray	2	
0127.ZAnd	5	05:12	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	300-line, 3-sec, combo
0128.ZAnd	3	05:12	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0129.ZAnd	10	05:13	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0130.COMP	10	05:13	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0131.sn20091f	1501	05:18	02:01:39.6	+15:19:58	300	0	3.0	#2 SN Observat	2	
0132.COMP	10	05:43	02:01:39.6	+15:19:58	300	0	3.0	#2 SN Observat	2	
0133.sn20091e	1200	05:46	02:09:17.1	-23:24:45	300	0	3.0	#2 SN Observat	2	
0134.COMP	10	06:07	02:09:17.1	-23:24:45	300	0	3.0	#2 SN Observat	2	
0135.XS04963B7_004	1800	06:15	01:18:50.7	-01:02:15	300	32	3.0	#129 ChaMP Sou	2	faint galaxy at low redshift
0136.COMP	10	06:45	01:18:50.7	-01:02:15	300	32	3.0	#129 ChaMP Sou	2	

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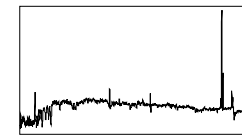
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0137.03232565-0202484	360	06:48	03:23:25.6	-02:02:48	300	1	3.0	#141 Mapping t	2	
0138.COMP	10	06:54	03:23:25.6	-02:02:48	300	1	3.0	#141 Mapping t	2	
0139.03383280-0407232	360	06:55	03:38:32.8	-04:07:23	300	1	3.0	#141 Mapping t	2	
0140.COMP	10	07:02	03:38:32.8	-04:07:23	300	1	3.0	#141 Mapping t	2	
0141.03393038-0301261	240	07:03	03:39:30.4	-03:01:26	300	1	3.0	#141 Mapping t	2	
0142.COMP	10	07:08	03:39:30.4	-03:01:26	300	1	3.0	#141 Mapping t	2	
0143.03394187-0342541	270	07:09	03:39:41.9	-03:42:54	300	1	3.0	#141 Mapping t	2	please ignore fainter star in slit to east of target galaxy
0144.COMP	10	07:14	03:39:41.9	-03:42:54	300	1	3.0	#141 Mapping t	2	
0145.sn2009kk	1200	07:19	03:49:44.3	-03:15:52	300	1	3.0	#2 SN Observat	2	
0146.COMP	10	07:40	03:49:44.3	-03:15:52	300	1	3.0	#2 SN Observat	2	
0147.FLAT	7	07:41	04:00:00.0	+20:00:00	300	1	3.0	#2 SN Observat	2	3-sec slit
0148-0151.FLAT	7	07:42	04:00:00.0	+20:00:00	300	1	3.0	#2 SN Observat	2	
0152.BIAS	0	07:44	04:00:00.0	+20:00:00	300	1	1.5	#2 SN Observat	2	
0153.FLAT	12	07:45	04:00:00.0	+20:00:00	300	1	1.5	#2 SN Observat	2	1.5-sec slit
0154-0157.FLAT	12	07:46	04:00:00.0	+20:00:00	300	1	1.5	#2 SN Observat	2	
0158.J040721.B	120	07:48	04:07:21.8	-12:10:03	300	1	1.5	#191 2XMM Vari	2	A+B
0159.J040721.B	120	07:52	04:07:21.8	-12:10:03	300	29	1.5	#191 2XMM Vari	2	
0160.J040721.B	300	07:55	04:07:21.8	-12:10:03	300	29	1.5	#191 2XMM Vari	2	B - good clean M2V spectrum
0161.J040721.B	300	08:02	04:07:21.8	-12:10:03	300	39	1.5	#191 2XMM Vari	2	B - good
0162.J040721	10	08:08	04:07:21.8	-12:10:03	300	9	1.5	#191 2XMM Vari	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0163.J040721	90	08:08	04:07:21.8	-12:10:03	300	9	1.5	#191 2XMM Vari	2	
0164.COMP	15	08:11	04:07:21.8	-12:10:03	300	9	1.5	#191 2XMM Vari	2	
0165.BIAS	0	08:13	04:40:25.0	+25:00:00	300	9	3.0	#191 2XMM Vari	2	
0166.03410747+0646007	480	08:14	03:41:07.5	+06:46:01	300	9	3.0	#141 Mapping t	2	3-sec slit
0167.COMP	10	08:23	03:41:07.5	+06:46:01	300	9	3.0	#141 Mapping t	2	
0168.03384001+0739539	540	08:24	03:38:40.0	+07:39:54	300	9	3.0	#141 Mapping t	2	
0169.COMP	10	08:34	03:38:40.0	+07:39:54	300	9	3.0	#141 Mapping t	2	
0170.03383809+0821589	300	08:35	03:38:38.1	+08:21:59	300	9	3.0	#141 Mapping t	2	
0171.COMP	10	08:41	03:38:38.1	+08:21:59	300	9	3.0	#141 Mapping t	2	
0172.V1647.A	1800	08:45	05:46:13.1	-00:06:05	300	89	3.0	#112 Orion PMS	2	
0173.COMP	10	09:15	05:46:13.1	-00:06:05	300	89	3.0	#112 Orion PMS	2	
0174.V1647.C	1800	09:18	05:46:14.1	-00:05:30	300	89	3.0	#112 Orion PMS	2	
0175.COMP	10	09:48	05:46:14.1	-00:05:30	300	89	3.0	#112 Orion PMS	2	
0176.HD36395.M1V	1	09:50	05:31:27.0	-03:40:38	300	89	3.0	#191 2XMM Vari	2	
0177.HD36395.M1V	12	09:51	05:31:27.0	-03:40:38	300	89	3.0	#191 2XMM Vari	2	
0178.COMP	10	09:52	05:31:27.0	-03:40:38	300	89	3.0	#191 2XMM Vari	2	
0179.06045758-0635165	1800	09:55	06:04:57.6	-06:35:16	300	89	3.0	#141 Mapping t	2	v faint red gal
0180.COMP	10	10:25	06:04:57.6	-06:35:16	300	89	3.0	#141 Mapping t	2	
0181.Hiltner600	100	10:30	06:45:13.4	+02:08:15	300	1	3.0	#56 Spectropho	2	
0182.Hiltner600	100	10:32	06:45:13.4	+02:08:15	300	1	3.0	#56 Spectropho	2	

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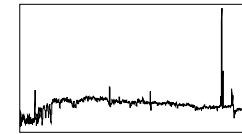
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0183.COMP	10	10:34	06:45:13.4	+02:08:15	300	1	3.0	#56 Spectropho	2	
0184.XS03236B2_002	300	10:37	08:08:18.2	+20:21:35	300	1	3.0	#129 ChaMP Sou	2	
0185.COMP	10	10:42	08:08:18.2	+20:21:35	300	1	3.0	#129 ChaMP Sou	2	
0186.XS03436B3_005	1200	10:44	08:15:19.4	+36:44:50	300	1	3.0	#129 ChaMP Sou	2	
0187.COMP	10	11:04	08:15:19.4	+36:44:50	300	1	3.0	#129 ChaMP Sou	2	
0188.sn2009kq	1200	11:06	08:36:15.1	+28:04:02	300	1	3.0	#2 SN Observat	2	
0189.COMP	10	11:26	08:36:15.1	+28:04:02	300	1	3.0	#2 SN Observat	2	
0190.XS00927B1_017	480	11:28	08:48:54.1	+45:02:31	300	1	3.0	#129 ChaMP Sou	2	
0191.COMP	10	11:36	08:48:54.1	+45:02:31	300	1	3.0	#129 ChaMP Sou	2	
0192.sn2009kn	1500	11:39	08:09:43.0	-17:44:51	300	1	3.0	#2 SN Observat	2	
0193.COMP	10	12:05	08:09:43.0	-17:44:51	300	1	3.0	#2 SN Observat	2	
0194.07410662+0529472	1500	12:07	07:41:06.6	+05:29:47	300	19	3.0	#141 Mapping t	2	rtssystem crash
0195.COMP	10	12:32	07:41:06.6	+05:29:47	300	19	3.0	#141 Mapping t	2	hardware failure, collimator crunch, again. cannot take flats.
0196-0200.DARK	900	13:51	08:58:34.0	+31:32:55	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
0001.BIAS	0	00:06	20:27:01.4	+31:28:15	300	90	3.0	#191 2XMM Vari	2	
0002.BIAS	0	00:07	20:27:01.4	+31:28:15	300	90	3.0	#191 2XMM Vari	2	comment file headers have extra field
0003-0010.BIAS	0	00:08	20:27:01.4	+31:28:15	300	90	3.0	#191 2XMM Vari	2	
0011-0025.FLAT	7	00:14	20:27:01.4	+31:28:15	300	90	3.0	#191 2XMM Vari	2	
0026.V919Sgr	15	01:21	19:03:45.0	-16:59:56	300	38	3.0	#12 Symbiotic	2	
0027.V919Sgr	30	01:22	19:03:45.0	-16:59:56	300	38	3.0	#12 Symbiotic	2	
0028.V919Sgr	60	01:22	19:03:45.0	-16:59:56	300	38	3.0	#12 Symbiotic	2	
0029.COMP	10	01:24	19:03:45.0	-16:59:56	300	38	3.0	#12 Symbiotic	2	
0030.BDp174708	75	01:27	22:11:31.4	+18:05:34	300	88	3.0	#56 Spectropho	2	
0031.BDp174708	75	01:29	22:11:31.4	+18:05:34	300	88	3.0	#56 Spectropho	2	
0032.BDp174708	75	01:30	22:11:31.4	+18:05:34	300	88	3.0	#56 Spectropho	2	
0033.COMP	10	01:32	22:11:31.4	+18:05:34	300	88	3.0	#56 Spectropho	2	
0034.BDp284211	180	01:33	21:51:11.0	+28:51:50	300	88	3.0	#56 Spectropho	2	
0035.BDp284211	180	01:36	21:51:11.0	+28:51:50	300	88	3.0	#56 Spectropho	2	
0036.COMP	10	01:39	21:51:11.0	+28:51:50	300	88	3.0	#56 Spectropho	2	
0037.J203748.55+405349.0	90	01:41	20:37:48.5	+40:53:49	300	88	3.0	#190 Cygnus X	2	
0038.J203722.40+404920.0	90	01:43	20:37:22.4	+40:49:20	300	88	3.0	#190 Cygnus X	2	
0039.J203717.94+410326.4	120	01:44	20:37:17.9	+41:03:27	300	88	3.0	#190 Cygnus X	2	
0040.J203722.09+415325.5	150	01:47	20:37:22.1	+41:53:25	300	88	3.0	#190 Cygnus X	2	
0041.J203733.59+424415.6	180	01:50	20:37:33.6	+42:44:16	300	88	3.0	#190 Cygnus X	2	

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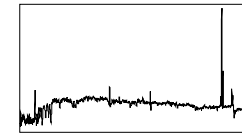
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0042.COMP	10	01:54	20:37:33.6	+42:44:16	300	88	3.0	#190 Cygnus X	2	
0043.J203209.98+403941.8	180	01:55	20:32:10.0	+40:39:42	300	98	3.0	#190 Cygnus X	2	
0044.J203717.94+410326.4	120	01:59	20:37:17.9	+41:03:27	300	98	3.0	#190 Cygnus X	2	
0045.J203218.01+410336.6	300	02:02	20:32:18.0	+41:03:37	300	98	3.0	#190 Cygnus X	2	
0046.J203203.13+413230.3	240	02:07	20:32:03.1	+41:32:30	300	98	3.0	#190 Cygnus X	2	
0047.J203247.14+413502.4	240	02:12	20:32:47.1	+41:35:02	300	98	3.0	#190 Cygnus X	2	
0048.COMP	10	02:16	20:32:47.1	+41:35:02	300	98	3.0	#190 Cygnus X	2	
0049.sn2009jr	1500	02:21	20:26:26.0	+02:54:31	300	48	3.0	#2 SN Observat	2	
0050.COMP	10	02:46	20:26:26.0	+02:54:31	300	48	3.0	#2 SN Observat	2	
0051.J203330.64+415515.0	240	02:48	20:33:30.6	+41:55:15	300	89	3.0	#190 Cygnus X	2	
0052.J203451.84+413041.7	210	02:53	20:34:51.9	+41:30:42	300	89	3.0	#190 Cygnus X	2	
0053.J203512.09+413141.1	210	02:57	20:35:12.1	+41:31:41	300	89	3.0	#190 Cygnus X	2	
0054.J203705.75+405947.5	210	03:01	20:37:05.8	+40:59:47	300	89	3.0	#190 Cygnus X	2	
0055.J203708.92+424606.9	210	03:05	20:37:08.9	+42:46:07	300	89	3.0	#190 Cygnus X	2	
0056.COMP	10	03:09	20:37:08.9	+42:46:07	300	89	3.0	#190 Cygnus X	2	
0057.IPHAS_W4063	780	03:11	22:04:31.4	+56:53:46	300	89	3.0	#157 IPHAS	2	
0058.COMP	10	03:24	22:04:31.4	+56:53:46	300	89	3.0	#157 IPHAS	2	
0059.IPHAS_W4070	420	03:26	22:04:41.6	+56:56:13	300	89	3.0	#157 IPHAS	2	
0060.COMP	10	03:33	22:04:41.6	+56:56:13	300	89	3.0	#157 IPHAS	2	
0061.IPHAS_W4134	780	03:35	22:11:26.4	+58:13:24	300	89	3.0	#157 IPHAS	2	bright sky issue from nearby zetCep

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0062.zetCep	10	03:49	22:11:26.4	+58:13:24	300	89	3.0	#157 IPHAS	2	
0063.COMP	10	03:49	22:11:26.4	+58:13:24	300	89	3.0	#157 IPHAS	2	
0064.IPHAS_W4147	300	03:57	22:12:07.6	+57:45:16	300	84	3.0	#157 IPHAS	2	
0065.COMP	10	04:03	22:12:07.6	+57:45:16	300	84	3.0	#157 IPHAS	2	
0066.IPHAS_W4150	360	04:04	22:12:14.0	+56:02:55	300	84	3.0	#157 IPHAS	2	
0067.COMP	10	04:10	22:12:14.0	+56:02:55	300	84	3.0	#157 IPHAS	2	
0068.IPHAS_W4152	270	04:12	22:12:18.0	+56:49:23	300	86	3.0	#157 IPHAS	2	
0069.COMP	10	04:17	22:12:18.0	+56:49:23	300	86	3.0	#157 IPHAS	2	
0070.sn2009li	1800	04:21	00:22:51.4	+06:58:12	300	19	3.0	#2 SN Observat	2	
0071.COMP	10	04:51	00:22:51.4	+06:58:12	300	19	3.0	#2 SN Observat	2	
0072.IPHAS_W0019	330	04:55	00:05:23.9	+64:26:21	300	89	3.0	#157 IPHAS	2	
0073.COMP	10	05:01	00:05:23.9	+64:26:21	300	89	3.0	#157 IPHAS	2	
0074.IPHAS_W0020	210	05:02	00:05:28.1	+66:39:52	300	89	3.0	#157 IPHAS	2	
0075.COMP	10	05:06	00:05:28.1	+66:39:52	300	89	3.0	#157 IPHAS	2	
0076.IPHAS_W0057	900	05:08	00:11:34.3	+61:46:15	300	89	3.0	#157 IPHAS	2	
0077.COMP	10	05:23	00:11:34.3	+61:46:15	300	89	3.0	#157 IPHAS	2	
0078.IPHAS_W0063	240	05:26	00:13:01.1	+62:56:49	300	89	3.0	#157 IPHAS	2	
0079.COMP	10	05:30	00:13:01.1	+62:56:49	300	89	3.0	#157 IPHAS	2	
0080.sn2009le	1200	05:35	02:09:17.1	-23:24:45	300	1	3.0	#2 SN Observat	2	
0081.COMP	10	05:55	02:09:17.1	-23:24:45	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
0082.sn20091f	1500	05:59	02:01:39.6	+15:19:58	300	24	3.0	#2 SN Observat	2	
0083.COMP	10	06:24	02:01:39.6	+15:19:58	300	24	3.0	#2 SN Observat	2	
0084.MRK335	180	06:26	00:06:19.6	+20:12:11	300	66	3.0	#6 AGN Monitor	2	
0085.MRK335	180	06:29	00:06:19.6	+20:12:11	300	66	3.0	#6 AGN Monitor	2	
0086.COMP	10	06:33	00:06:19.6	+20:12:11	300	66	3.0	#6 AGN Monitor	2	
0087.3C66A	360	06:35	02:22:39.6	+43:02:08	300	89	3.0	#6 AGN Monitor	2	
0088.3C66A	360	06:41	02:22:39.6	+43:02:08	300	89	3.0	#6 AGN Monitor	2	
0089.COMP	10	06:47	02:22:39.6	+43:02:08	300	89	3.0	#6 AGN Monitor	2	
0090.LSIp61303	30	06:50	02:40:31.6	+61:13:46	300	89	3.0	#6 AGN Monitor	2	
0091.LSIp61303	30	06:51	02:40:31.6	+61:13:46	300	89	3.0	#6 AGN Monitor	2	
0092.COMP	10	06:52	02:40:31.6	+61:13:46	300	89	3.0	#6 AGN Monitor	2	
0093.IPHAS_W0471	360	06:54	02:06:49.3	+64:58:27	300	61	3.0	#157 IPHAS	2	
0094.COMP	10	07:00	02:06:49.3	+64:58:27	300	61	3.0	#157 IPHAS	2	
0095.IPHAS_W0475	360	07:02	02:07:34.2	+62:36:01	300	90	3.0	#157 IPHAS	2	
0096.COMP	10	07:09	02:07:34.2	+62:36:01	300	90	3.0	#157 IPHAS	2	
0097.IPHAS_W0476	780	07:10	02:07:53.5	+64:41:49	300	90	3.0	#157 IPHAS	2	
0098.COMP	10	07:23	02:07:53.5	+64:41:49	300	90	3.0	#157 IPHAS	2	
0099.IPHAS_W0478	360	07:24	02:08:26.3	+62:57:46	300	90	3.0	#157 IPHAS	2	
0100.COMP	10	07:30	02:08:26.3	+62:57:46	300	90	3.0	#157 IPHAS	2	
0101.IPHAS_W0479	900	07:31	02:08:33.9	+58:55:48	300	90	3.0	#157 IPHAS	2	

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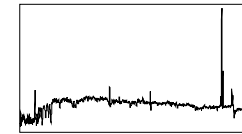
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0102.COMP	10	07:47	02:08:33.9	+58:55:48	300	90	3.0	#157 IPHAS	2	
0103.IPHAS_W0480	360	07:48	02:08:37.6	+65:20:28	300	90	3.0	#157 IPHAS	2	
0104.COMP	10	07:54	02:08:37.6	+65:20:28	300	90	3.0	#157 IPHAS	2	
0105.IPHAS_W0481	240	07:55	02:08:50.8	+62:32:47	300	90	3.0	#157 IPHAS	2	
0106.COMP	10	08:00	02:08:50.8	+62:32:47	300	90	3.0	#157 IPHAS	2	
0107.IPHAS_W0482	390	08:01	02:08:59.7	+63:55:36	300	90	3.0	#157 IPHAS	2	
0108.COMP	10	08:08	02:08:59.7	+63:55:36	300	90	3.0	#157 IPHAS	2	
0109.IPHAS_W0484	240	08:09	02:09:18.8	+57:33:33	300	90	3.0	#157 IPHAS	2	
0110.COMP	10	08:13	02:09:18.8	+57:33:33	300	90	3.0	#157 IPHAS	2	
0111.IPHAS_W0743	180	08:14	02:53:59.4	+57:04:03	300	90	3.0	#157 IPHAS	2	
0112.COMP	10	08:18	02:53:59.4	+57:04:03	300	90	3.0	#157 IPHAS	2	
0113.IPHAS_W0767	180	08:19	02:56:10.4	+58:06:30	300	90	3.0	#157 IPHAS	2	
0114.COMP	10	08:22	02:56:10.4	+58:06:30	300	90	3.0	#157 IPHAS	2	
0115.IPHAS_W0768	240	08:23	02:56:25.4	+61:07:32	300	90	3.0	#157 IPHAS	2	
0116.COMP	10	08:27	02:56:25.4	+61:07:32	300	90	3.0	#157 IPHAS	2	
0117.IPHAS_W0704	240	08:28	02:47:37.3	+64:05:09	300	90	3.0	#157 IPHAS	2	
0118.COMP	10	08:33	02:47:37.3	+64:05:09	300	90	3.0	#157 IPHAS	2	
0119.RGB0710+591	720	08:35	07:10:30.1	+59:08:20	300	90	3.0	#6 AGN Monitor	2	
0120.COMP	10	08:47	07:10:30.1	+59:08:20	300	90	3.0	#6 AGN Monitor	2	
0121.BIAS	0	08:50	05:30:00.0	+32:00:00	600	90	1.5	#6 AGN Monitor	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0122.test	10	08:50	05:30:00.0	+32:00:00	600	90	1.5	#6 AGN Monitor	4	
0123.test	10	08:51	05:30:00.0	+32:00:00	600	90	1.5	#6 AGN Monitor	4	
0124.test	10	08:55	08:12:12.8	+59:23:46	600	90	1.5	#178 Extremely	4	
0125.pg0808p595	900	08:57	08:12:12.8	+59:23:46	600	90	1.5	#178 Extremely	4	600-line, 2-sec, Kilic
0126.COMP	10	09:12	08:12:12.8	+59:23:46	600	90	1.5	#178 Extremely	4	
0127.pg0808p595	900	09:13	08:12:12.8	+59:23:46	600	90	1.5	#178 Extremely	4	
0128.pg0808p595	900	09:28	08:12:12.8	+59:23:46	600	90	1.5	#178 Extremely	4	
0129.COMP	10	09:43	08:12:12.8	+59:23:46	600	90	1.5	#178 Extremely	4	
0130.pg0808p595	900	09:44	08:12:12.8	+59:23:46	600	90	1.5	#178 Extremely	4	
0131.pg0808p595	900	09:59	08:12:12.8	+59:23:46	600	90	1.5	#178 Extremely	4	
0132.COMP	10	10:14	08:12:12.8	+59:23:46	600	90	1.5	#178 Extremely	4	
0133.pg0808p595	900	10:15	08:12:12.8	+59:23:46	600	90	1.5	#178 Extremely	4	
0134.pg0808p595	900	10:30	08:12:12.8	+59:23:46	600	90	1.5	#178 Extremely	4	
0135.COMP	10	10:46	08:12:12.8	+59:23:46	600	90	1.5	#178 Extremely	4	
0136.pg0808p595	900	10:46	08:12:12.8	+59:23:46	600	90	1.5	#178 Extremely	4	
0137.pg0808p595	900	11:02	08:12:12.8	+59:23:46	600	90	1.5	#178 Extremely	4	
0138.COMP	10	11:17	08:12:12.8	+59:23:46	600	90	1.5	#178 Extremely	4	
0139.pg0808p595	900	11:18	08:12:12.8	+59:23:46	600	90	1.5	#178 Extremely	4	
0140.pg0808p595	900	11:33	08:12:12.8	+59:23:46	600	90	1.5	#178 Extremely	4	
0141.COMP	10	11:48	08:12:12.8	+59:23:46	600	90	1.5	#178 Extremely	4	

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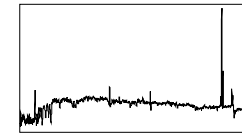
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0142.pg0808p595	900	11:49	08:12:12.8	+59:23:46	600	90	1.5	#178 Extremely	4	
0143.pg0808p595	900	12:04	08:12:12.8	+59:23:46	600	90	1.5	#178 Extremely	4	
0144.COMP	10	12:19	08:12:12.8	+59:23:46	600	90	1.5	#178 Extremely	4	
0145.pg0808p595	900	12:20	08:12:12.8	+59:23:46	600	90	1.5	#178 Extremely	4	
0146.pg0808p595	900	12:35	08:12:12.8	+59:23:46	600	90	1.5	#178 Extremely	4	
0147.COMP	10	12:50	08:12:12.8	+59:23:46	600	90	1.5	#178 Extremely	4	
0148.pg0808p595	600	12:51	08:12:12.8	+59:23:46	600	90	1.5	#178 Extremely	4	
0149.COMP	10	13:01	08:12:12.8	+59:23:46	600	90	1.5	#178 Extremely	4	
0150-0159.BIAS	0	13:04	08:12:12.8	+59:23:46	600	90	1.5	#178 Extremely	4	
0160.test	10	13:04	08:12:12.8	+59:23:46	600	90	1.5	#178 Extremely	4	
0161.test	12	13:05	08:12:12.8	+59:23:46	600	90	1.5	#178 Extremely	4	
0162-0171.FLAT	12	13:08	08:12:12.8	+59:23:46	600	90	1.5	#178 Extremely	4	
0172.test	10	13:12	08:12:12.8	+59:23:46	300	90	3.0	#178 Extremely	4	
0173.test	10	13:13	08:12:12.8	+59:23:46	300	90	3.0	#178 Extremely	2	
0174.test	10	13:14	08:12:12.8	+59:23:46	300	90	3.0	#178 Extremely	2	
0175.test	10	13:15	08:12:12.8	+59:23:46	300	90	3.0	#178 Extremely	2	
0176-0180.DARK	900	14:19	08:12:12.8	+59:23:46	300	90	3.0	#178 Extremely	2	
0181-0185.DARK	900	15:35	08:12:12.8	+59:23:46	300	90	3.0	#178 Extremely	4	

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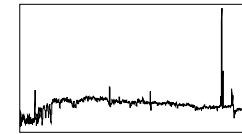
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0001.BIAS	0	23:44	08:12:12.8	+59:23:46	300	90	3.0	#178 Extremely	2	
0002.COMP	10	23:46	08:12:12.8	+59:23:46	300	90	3.0	#178 Extremely	2	
0003-0012.BIAS	0	23:55	08:12:12.8	+59:23:46	300	90	3.0	#178 Extremely	2	
0013-0027.FLAT	7	00:00	08:12:12.8	+59:23:46	300	90	3.0	#178 Extremely	2	
0028-0032.sky	3	00:37	21:10:00.0	+32:00:00	300	88	3.0	#57 Velocity S	2	
0033.COMP	10	00:37	21:10:00.0	+32:00:00	300	88	3.0	#57 Velocity S	2	
0034.BDp174708	75	01:30	22:11:31.4	+18:05:34	300	88	3.0	#56 Spectropho	2	
0035.BDp174708	75	01:32	22:11:31.4	+18:05:34	300	88	3.0	#56 Spectropho	2	
0036.BDp174708	75	01:33	22:11:31.4	+18:05:34	300	88	3.0	#56 Spectropho	2	
0037.COMP	10	01:35	22:11:31.4	+18:05:34	300	88	3.0	#56 Spectropho	2	
0038.BDp284211	180	01:36	21:51:11.0	+28:51:50	300	88	3.0	#56 Spectropho	2	
0039.BDp284211	180	01:40	21:51:11.0	+28:51:50	300	88	3.0	#56 Spectropho	2	
0040.COMP	10	01:43	21:51:11.0	+28:51:50	300	88	3.0	#56 Spectropho	2	
0041.1ES1959p650	360	01:46	19:59:59.8	+65:08:55	300	88	3.0	#6 AGN Monitor	2	
0042.1ES1959p650	360	01:52	19:59:59.8	+65:08:55	300	88	3.0	#6 AGN Monitor	2	
0043.COMP	10	01:58	19:59:59.8	+65:08:55	300	88	3.0	#6 AGN Monitor	2	
0044.BLLac	240	02:00	22:02:43.3	+42:16:40	300	88	3.0	#6 AGN Monitor	2	
0045.BLLac	240	02:04	22:02:43.3	+42:16:40	300	88	3.0	#6 AGN Monitor	2	
0046.COMP	10	02:09	22:02:43.3	+42:16:40	300	88	3.0	#6 AGN Monitor	2	
0047.1ES2344p514	330	02:11	23:47:04.6	+51:42:18	300	88	3.0	#6 AGN Monitor	2	

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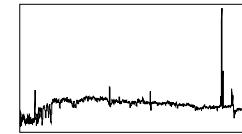
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0048.1ES2344p514	330	02:16	23:47:04.6	+51:42:18	300	88	3.0	#6 AGN Monitor	2	
0049.COMP	10	02:22	23:47:04.6	+51:42:18	300	88	3.0	#6 AGN Monitor	2	
0050.ZAnd	5	02:24	23:33:40.0	+48:49:06	300	88	3.0	#12 Symbiotic	2	
0051.ZAnd	10	02:24	23:33:40.0	+48:49:06	300	88	3.0	#12 Symbiotic	2	
0052.ZAnd	15	02:25	23:33:40.0	+48:49:06	300	88	3.0	#12 Symbiotic	2	
0053.COMP	10	02:25	23:33:40.0	+48:49:06	300	88	3.0	#12 Symbiotic	2	
0054.J203815.59+405717.2.E	180	02:32	20:38:15.6	+40:57:17	300	102	3.0	#190 Cygnus X	2	east comp of close pair
0055.J203815.59+405717.2.W	210	02:35	20:38:15.6	+40:57:17	300	102	3.0	#190 Cygnus X	2	
0056.J203831.53+420342.7	180	02:41	20:38:31.5	+42:03:43	300	102	3.0	#190 Cygnus X	2	
0057.J203854.94+404227.2	180	02:45	20:38:54.9	+40:42:27	300	102	3.0	#190 Cygnus X	2	
0058.J203807.91+403915.0	180	02:51	20:38:07.9	+40:39:15	300	102	3.0	#190 Cygnus X	2	
0059.COMP	10	02:54	20:38:07.9	+40:39:15	300	102	3.0	#190 Cygnus X	2	
0060.J203900.44+424323.1	180	02:57	20:39:00.4	+42:43:23	300	102	3.0	#190 Cygnus X	2	
0061.J203900.90+415359.8	180	03:03	20:39:00.9	+41:54:00	300	102	3.0	#190 Cygnus X	2	
0062.J203923.29+422603.8	180	03:07	20:39:23.3	+42:26:04	300	102	3.0	#190 Cygnus X	2	
0063.J203930.97+404330.4	180	03:12	20:39:31.0	+40:43:31	300	102	3.0	#190 Cygnus X	2	
0064.J203953.90+415950.4	180	03:16	20:39:53.9	+41:59:51	300	102	3.0	#190 Cygnus X	2	
0065.COMP	10	03:21	20:40:00.0	+40:47:29	300	102	3.0	#190 Cygnus X	2	
0066.J203959.94+404728.9	150	03:22	20:40:00.0	+40:47:29	300	102	3.0	#190 Cygnus X	2	
0067.J204018.52+414355.8	150	03:26	20:40:18.5	+41:43:56	300	102	3.0	#190 Cygnus X	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0068.J204113.73+425111.4	150	03:29	20:41:13.7	+42:51:12	300	102	3.0	#190 Cygnus X	2	
0069.J204120.95+415841.8	150	03:33	20:41:20.9	+41:58:42	300	102	3.0	#190 Cygnus X	2	
0070.J204125.17+412804.5	150	03:37	20:41:25.2	+41:28:05	300	102	3.0	#190 Cygnus X	2	
0071.J204236.31+420729.3	150	03:40	20:42:36.3	+42:07:29	300	102	3.0	#190 Cygnus X	2	
0072.COMP	10	03:43	20:42:36.3	+42:07:29	300	102	3.0	#190 Cygnus X	2	
0073.IPHAS_W4367	300	03:48	22:38:24.5	+56:18:09	300	90	3.0	#157 IPHAS	2	
0074.COMP	10	03:53	22:38:24.5	+56:18:09	300	90	3.0	#157 IPHAS	2	
0075.IPHAS_W4368	300	03:55	22:38:25.8	+57:47:39	300	90	3.0	#157 IPHAS	2	
0076.COMP	10	04:00	22:38:25.8	+57:47:39	300	90	3.0	#157 IPHAS	2	
0077.IPHAS_W4370	180	04:01	22:38:28.8	+63:13:40	300	90	3.0	#157 IPHAS	2	
0078.COMP	10	04:05	22:38:28.8	+63:13:40	300	90	3.0	#157 IPHAS	2	
0079.IPHAS_W4371	180	04:06	22:38:40.2	+62:35:27	300	90	3.0	#157 IPHAS	2	
0080.COMP	10	04:09	22:38:40.2	+62:35:27	300	90	3.0	#157 IPHAS	2	
0081.IPHAS_W4374	600	04:10	22:38:54.6	+59:12:51	300	90	3.0	#157 IPHAS	2	
0082.COMP	10	04:20	22:38:54.6	+59:12:51	300	90	3.0	#157 IPHAS	2	
0083.IPHAS_W4376	180	04:21	22:39:52.5	+58:58:14	300	90	3.0	#157 IPHAS	2	
0084.COMP	10	04:25	22:39:52.5	+58:58:14	300	90	3.0	#157 IPHAS	2	
0085.IPHAS_W4383	180	04:26	22:42:04.1	+54:48:33	300	90	3.0	#157 IPHAS	2	fainter target buried behind this bright star
0086.COMP	10	04:29	22:42:04.1	+54:48:33	300	90	3.0	#157 IPHAS	2	
0087.IPHAS_W4382	240	04:30	22:41:37.4	+57:52:57	300	90	3.0	#157 IPHAS	2	

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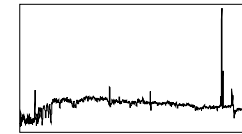
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0088.COMP	10	04:35	22:41:37.4	+57:52:57	300	90	3.0	#157 IPHAS	2	
0089.IPHAS_W4377	600	04:36	22:40:34.4	+60:03:38	300	90	3.0	#157 IPHAS	2	
0090.COMP	10	04:46	22:40:34.4	+60:03:38	300	90	3.0	#157 IPHAS	2	
0091.IPHAS_W4385	600	04:47	22:42:18.1	+60:38:12	300	90	3.0	#157 IPHAS	2	
0092.COMP	10	04:57	22:42:18.1	+60:38:12	300	90	3.0	#157 IPHAS	2	
0093.IPHAS_W4386	600	04:59	22:42:30.9	+57:01:58	300	90	3.0	#157 IPHAS	2	
0094.COMP	10	05:09	22:42:30.9	+57:01:58	300	90	3.0	#157 IPHAS	2	
0095.IPHAS_W4829	240	05:10	23:54:43.6	+63:17:21	300	90	3.0	#157 IPHAS	2	
0096.COMP	10	05:15	23:54:43.6	+63:17:21	300	90	3.0	#157 IPHAS	2	
0097.sn20091e	1200	05:31	02:09:17.1	-23:24:45	300	1	3.0	#2 SN Observat	2	
0098.COMP	10	05:52	02:09:17.1	-23:24:45	300	1	3.0	#2 SN Observat	2	
0099.sn20091f	1500	05:55	02:01:39.6	+15:19:58	300	23	3.0	#2 SN Observat	2	
0100.COMP	10	06:20	02:01:39.6	+15:19:58	300	23	3.0	#2 SN Observat	2	
0101.IPHAS_W0239	360	06:25	00:58:09.9	+62:44:13	300	90	3.0	#157 IPHAS	2	
0102.COMP	10	06:31	00:58:09.9	+62:44:13	300	90	3.0	#157 IPHAS	2	
0103.IPHAS_W0259	240	06:32	01:05:51.9	+60:27:38	300	90	3.0	#157 IPHAS	2	
0104.COMP	10	06:37	01:05:51.9	+60:27:38	300	90	3.0	#157 IPHAS	2	
0105.IPHAS_W0264	300	06:39	01:07:23.3	+66:27:42	300	90	3.0	#157 IPHAS	2	
0106.COMP	10	06:44	01:07:23.3	+66:27:42	300	90	3.0	#157 IPHAS	2	
0107.IPHAS_W0265	240	06:45	01:07:33.7	+60:42:07	300	90	3.0	#157 IPHAS	2	

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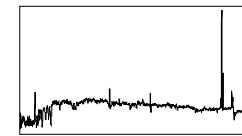
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0109.IPHAS_W0294	780	06:51	01:19:20.4	+62:18:06	300	90	3.0	#157 IPHAS	2	
0110.COMP	10	07:05	01:19:20.4	+62:18:06	300	90	3.0	#157 IPHAS	2	
0111.IPHAS_W0350	660	07:07	01:39:58.8	+58:46:28	300	90	3.0	#157 IPHAS	2	
0112.COMP	10	07:18	01:39:58.8	+58:46:28	300	90	3.0	#157 IPHAS	2	
0113.IPHAS_W0348	780	07:20	01:39:20.3	+66:21:16	300	90	3.0	#157 IPHAS	2	
0114.COMP	10	07:33	01:39:20.3	+66:21:16	300	90	3.0	#157 IPHAS	2	
0115.IPHAS_W0352	780	07:34	01:41:46.6	+58:18:03	300	90	3.0	#157 IPHAS	2	
0116.COMP	10	07:48	01:41:46.6	+58:18:03	300	90	3.0	#157 IPHAS	2	
0117.IPHAS_W0353	240	07:49	01:41:53.0	+57:41:33	300	90	3.0	#157 IPHAS	2	
0118.COMP	10	07:53	01:41:53.0	+57:41:33	300	90	3.0	#157 IPHAS	2	
0119.IPHAS_W0769	720	07:54	02:56:31.5	+59:36:48	300	90	3.0	#157 IPHAS	2	
0120.COMP	10	08:06	02:56:31.5	+59:36:48	300	90	3.0	#157 IPHAS	2	
0121.IPHAS_W0827	360	08:07	03:01:20.8	+60:24:45	300	90	3.0	#157 IPHAS	2	clouds forming overhead
0122.COMP	10	08:14	03:01:20.8	+60:24:45	300	90	3.0	#157 IPHAS	2	
0123.cvso-45948	1020	08:26	05:24:43.2	+02:00:36	300	1	3.0	#112 Orion PMS	2	
0124.COMP	10	08:44	05:24:43.2	+02:00:36	300	1	3.0	#112 Orion PMS	2	
0125.cvso-35594	658	08:45	05:24:45.1	+02:05:02	300	1	3.0	#112 Orion PMS	2	
0126.COMP	10	08:56	05:24:45.1	+02:05:02	300	1	3.0	#112 Orion PMS	2	
0127.Akn120	180	08:57	05:16:11.5	-00:09:01	300	1	3.0	#6 AGN Monitor	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0128.Akn120	180	09:01	05:16:11.5	-00:09:01	300	1	3.0	#6 AGN Monitor	2	
0129.COMP	10	09:04	05:16:11.5	-00:09:01	300	1	3.0	#6 AGN Monitor	2	
0130.cvso-35628	600	09:05	05:24:47.7	+02:13:22	300	1	3.0	#112 Orion PMS	2	
0131.COMP	10	09:16	05:24:47.7	+02:13:22	300	1	3.0	#112 Orion PMS	2	
0132.cvso-35752	600	09:16	05:24:53.5	+02:10:45	300	1	3.0	#112 Orion PMS	2	
0133.COMP	10	09:27	05:24:53.5	+02:10:45	300	1	3.0	#112 Orion PMS	2	
0134.cvso-40521	600	09:28	05:25:22.7	+03:49:18	300	1	3.0	#112 Orion PMS	2	
0135.COMP	10	09:38	05:25:22.7	+03:49:18	300	1	3.0	#112 Orion PMS	2	
0136.cvso-37413	300	09:39	05:26:09.9	+02:04:33	300	1	3.0	#112 Orion PMS	2	
0137.COMP	10	09:44	05:26:09.9	+02:04:33	300	1	3.0	#112 Orion PMS	2	
0138.cvso-37533	300	09:46	05:26:15.5	+02:08:30	300	1	3.0	#112 Orion PMS	2	
0139.COMP	10	09:51	05:26:15.5	+02:08:30	300	1	3.0	#112 Orion PMS	2	
0140.cvso-37985	240	09:52	05:26:37.7	+02:04:22	300	1	3.0	#112 Orion PMS	2	
0141.COMP	10	09:56	05:26:37.7	+02:04:22	300	1	3.0	#112 Orion PMS	2	
0142.cvso-41785	240	09:57	05:29:37.5	+02:02:50	300	1	3.0	#112 Orion PMS	2	
0143.COMP	10	10:01	05:29:37.5	+02:02:50	300	1	3.0	#112 Orion PMS	2	
0144.cvso-42103	210	10:02	05:29:51.7	+02:12:00	300	1	3.0	#112 Orion PMS	2	
0145.COMP	10	10:06	05:29:51.7	+02:12:00	300	1	3.0	#112 Orion PMS	2	
0146.cvso-43273	210	10:07	05:30:46.7	+02:11:15	300	1	3.0	#112 Orion PMS	2	
0147.COMP	10	10:11	05:30:46.7	+02:11:15	300	1	3.0	#112 Orion PMS	2	

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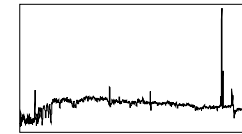
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0148.cvso-43377	420	10:12	05:30:51.5	+02:11:35	300	1	3.0	#112 Orion PMS	2	
0149.COMP	10	10:19	05:30:51.5	+02:11:35	300	1	3.0	#112 Orion PMS	2	
0150.cvso-45183	240	10:20	05:32:16.6	+02:03:52	300	1	3.0	#112 Orion PMS	2	
0151.COMP	10	10:24	05:32:16.6	+02:03:52	300	1	3.0	#112 Orion PMS	2	
0152.cvso-46212.S	300	10:26	05:33:04.5	+02:06:47	300	1	3.0	#112 Orion PMS	2	
0153.cvso-46212.N	360	10:31	05:33:04.5	+02:06:47	300	1	3.0	#112 Orion PMS	2	
0154.COMP	10	10:37	05:33:04.5	+02:06:47	300	1	3.0	#112 Orion PMS	2	
0155.cvso-46794	240	10:38	05:33:32.4	+02:09:34	300	1	3.0	#112 Orion PMS	2	
0156.COMP	10	10:43	05:33:32.4	+02:09:34	300	1	3.0	#112 Orion PMS	2	
0157.cvso-47594	360	10:44	05:34:07.9	+02:09:55	300	1	3.0	#112 Orion PMS	2	
0158.COMP	10	10:50	05:34:07.9	+02:09:55	300	1	3.0	#112 Orion PMS	2	
0159.cvso-47795	240	10:51	05:34:19.3	+02:00:24	300	1	3.0	#112 Orion PMS	2	
0160.COMP	10	10:55	05:34:19.3	+02:00:24	300	1	3.0	#112 Orion PMS	2	
0161.sn2009kq	1200	10:58	08:36:15.1	+28:04:02	300	89	3.0	#2 SN Observat	2	
0162.COMP	10	11:19	08:36:15.1	+28:04:02	300	89	3.0	#2 SN Observat	2	
0163.BXMon	15	11:21	07:25:23.0	-03:35:51	300	10	3.0	#12 Symbiotic	2	
0164.BXMon	30	11:21	07:25:23.0	-03:35:51	300	10	3.0	#12 Symbiotic	2	
0165.COMP	10	11:22	07:25:23.0	-03:35:51	300	10	3.0	#12 Symbiotic	2	
0166.SS129	30	11:24	07:32:45.0	-26:49:16	300	10	3.0	#12 Symbiotic	2	
0167.SS129	300	11:24	07:32:45.0	-26:49:16	300	10	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0168.COMP	10	11:30	07:32:45.0	-26:49:16	300	10	3.0	#12 Symbiotic	2	
0169.N3227	180	11:34	10:23:30.6	+19:51:54	300	89	3.0	#6 AGN Monitor	2	
0170.N3227	180	11:37	10:23:30.6	+19:51:54	300	89	3.0	#6 AGN Monitor	2	
0171.COMP	10	11:40	10:23:30.6	+19:51:54	300	89	3.0	#6 AGN Monitor	2	
0172.MRK421	300	11:42	11:04:27.4	+38:12:32	300	89	3.0	#6 AGN Monitor	2	
0173.MRK421	300	11:47	11:04:27.4	+38:12:32	300	89	3.0	#6 AGN Monitor	2	
0174.COMP	10	11:52	11:04:27.4	+38:12:32	300	89	3.0	#6 AGN Monitor	2	
0175.test	10	11:55	09:30:00.0	+30:00:00	600	89	2.0	#6 AGN Monitor	2	
0176.test	10	11:56	09:30:00.0	+30:00:00	600	89	2.0	#6 AGN Monitor	2	
0177.test	10	11:57	09:30:00.0	+30:00:00	600	89	2.0	#6 AGN Monitor	2	
0178.N2230131595	30	11:59	07:07:21.3	+22:42:13	600	89	2.0	#192 DASCH Lon	2	
0179.N2230131595	15	12:00	07:07:21.3	+22:42:13	600	89	2.0	#192 DASCH Lon	2	
0180.COMP	10	12:01	07:07:21.3	+22:42:13	600	89	2.0	#192 DASCH Lon	2	
0181.N2222020316	15	12:02	07:20:59.0	+24:59:58	600	89	2.0	#192 DASCH Lon	2	
0182.N2222020316	15	12:02	07:20:59.0	+24:59:58	600	89	2.0	#192 DASCH Lon	2	
0183.COMP	10	12:03	07:20:59.0	+24:59:58	600	89	2.0	#192 DASCH Lon	2	
0184.N2230030699	30	12:04	07:36:06.4	+21:14:12	600	89	2.0	#192 DASCH Lon	2	
0185.N2230030699	60	12:05	07:36:06.4	+21:14:12	600	89	2.0	#192 DASCH Lon	2	
0186.COMP	10	12:07	07:36:06.4	+21:14:12	600	89	2.0	#192 DASCH Lon	2	
0187.N2211330177	120	12:08	07:54:45.9	+16:41:41	600	89	2.0	#192 DASCH Lon	2	

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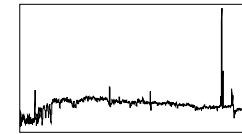
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0188.COMP	7	12:10	07:54:45.9	+16:41:41	600	89	2.0	#192 DASCH Lon	2	
0189.N2211021132	120	12:11	07:57:31.0	+20:17:33	600	89	2.0	#192 DASCH Lon	2	
0190.COMP	7	12:14	07:57:31.0	+20:17:33	600	89	2.0	#192 DASCH Lon	2	
0191.N2301121395	300	12:15	08:03:37.9	+35:00:07	600	76	2.0	#192 DASCH Lon	2	
0192.COMP	7	12:21	08:03:37.9	+35:00:07	600	76	2.0	#192 DASCH Lon	2	
0193.N2332203458	330	12:22	08:17:44.6	+36:26:06	600	89	2.0	#192 DASCH Lon	2	
0194.COMP	7	12:28	08:17:44.6	+36:26:06	600	89	2.0	#192 DASCH Lon	2	
0195.N2210301405	120	12:29	08:28:03.0	+04:12:42	600	89	2.0	#192 DASCH Lon	2	
0196.COMP	7	12:32	08:28:03.0	+04:12:42	600	89	2.0	#192 DASCH Lon	2	
0197.N2313102243	180	12:33	08:30:38.5	+14:07:13	600	89	2.0	#192 DASCH Lon	2	
0198.COMP	7	12:36	08:30:38.5	+14:07:13	600	89	2.0	#192 DASCH Lon	2	
0199.N2330310125	240	12:38	09:34:08.8	+26:28:05	600	89	2.0	#192 DASCH Lon	2	
0200.COMP	7	12:43	09:34:08.8	+26:28:05	600	89	2.0	#192 DASCH Lon	2	
0201.N233321051	120	12:44	09:05:43.5	+39:52:35	600	89	2.0	#192 DASCH Lon	2	
0202.COMP	7	12:47	09:05:43.5	+39:52:35	600	89	2.0	#192 DASCH Lon	2	
0203.N2330133210	90	12:48	09:45:34.3	+34:30:43	600	89	2.0	#192 DASCH Lon	2	
0204.COMP	7	12:49	09:45:34.3	+34:30:43	600	89	2.0	#192 DASCH Lon	2	
0205.N233012397	120	12:50	09:53:10.0	+33:53:53	600	89	2.0	#192 DASCH Lon	2	
0206.COMP	7	12:53	09:53:10.0	+33:53:53	600	89	2.0	#192 DASCH Lon	2	
0207.N2022112172	10	12:54	09:51:02.0	+13:03:58	600	89	2.0	#192 DASCH Lon	2	

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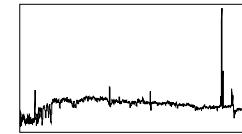
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0208.COMP	7	12:55	09:51:02.0	+13:03:58	600	89	2.0	#192 DASCH Lon	2	
0209.HD52071	10	12:56	07:00:58.2	+27:09:27	600	89	2.0	#192 DASCH Lon	2	
0210.COMP	7	12:57	07:00:58.2	+27:09:27	600	89	2.0	#192 DASCH Lon	2	
0211-0220.BIAS	0	13:02	07:00:58.2	+27:09:27	600	89	2.0	#192 DASCH Lon	2	
0221.FLAT	15	13:02	07:00:58.2	+27:09:27	600	89	2.0	#192 DASCH Lon	2	
0222-0231.FLAT	12	13:07	07:00:58.2	+27:09:27	600	89	2.0	#192 DASCH Lon	2	
0232.test	10	13:11	07:00:58.2	+27:09:27	600	89	2.0	#192 DASCH Lon	2	
0233.test	10	13:13	07:00:58.2	+27:09:27	600	89	2.0	#192 DASCH Lon	2	
0234.test	10	13:14	07:00:58.2	+27:09:27	600	89	2.0	#192 DASCH Lon	2	
0235.BIAS	0	13:17	09:46:30.3	+31:33:23	600	89	2.0	#192 DASCH Lon	2	
0236-0240.DARK	900	14:19	09:46:30.3	+31:33:23	600	89	2.0	#192 DASCH Lon	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0011.BIAS	0	23:37	09:46:30.3	+31:33:23	300	89	2.0	#192 DASCH Lon	2	
0012-0026.FLAT	7	23:43	09:46:30.3	+31:33:23	300	89	2.0	#192 DASCH Lon	2	
0027-0036.BIAS	0	00:13	09:46:30.3	+31:33:23	300	89	2.0	#192 DASCH Lon	2	
0037-0051.FLAT	7	00:19	09:46:30.3	+31:33:23	300	89	2.0	#192 DASCH Lon	2	
0052.COMP	10	00:24	09:46:30.3	+31:33:23	300	89	2.0	#192 DASCH Lon	2	
0053.test	3	00:43	09:46:30.3	+31:33:23	300	89	2.0	#192 DASCH Lon	2	
0054.test	30	00:45	09:46:30.3	+31:33:23	300	89	2.0	#192 DASCH Lon	2	
0055.test	30	00:46	09:46:30.3	+31:33:23	300	89	2.0	#192 DASCH Lon	2	
0056.test	30	00:46	09:46:30.3	+31:33:23	300	89	2.0	#192 DASCH Lon	2	
0057.test	30	00:47	09:46:30.3	+31:33:23	300	89	2.0	#192 DASCH Lon	2	
0058.test	30	00:48	09:46:30.3	+31:33:23	300	89	2.0	#192 DASCH Lon	2	
0059.test	30	00:49	09:46:30.3	+31:33:23	300	89	2.0	#192 DASCH Lon	2	
0060.test	30	00:49	09:46:30.3	+31:33:23	300	89	2.0	#192 DASCH Lon	2	
0061.test	30	00:50	09:46:30.3	+31:33:23	300	89	2.0	#192 DASCH Lon	2	
0062.test	30	00:51	09:46:30.3	+31:33:23	300	89	2.0	#192 DASCH Lon	2	
0063.test	30	00:51	09:46:30.3	+31:33:23	300	89	2.0	#192 DASCH Lon	2	
0064.BDp174708	75	01:21	22:11:31.4	+18:05:34	300	89	2.0	#56 Spectropho	2	
0065.BDp174708	75	01:22	22:11:31.4	+18:05:34	300	89	2.0	#56 Spectropho	2	
0066.BDp174708	75	01:24	22:11:31.4	+18:05:34	300	89	2.0	#56 Spectropho	2	
0067.COMP	10	01:26	22:11:31.4	+18:05:34	300	89	2.0	#56 Spectropho	2	

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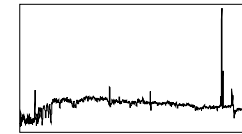
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0068.BDp174708	75	01:31	22:11:31.4	+18:05:34	300	89	2.0	#56 Spectropho	2	
0069.BDp174708	25	01:33	22:11:31.4	+18:05:34	300	89	2.0	#56 Spectropho	2	
0070.BDp174708	75	01:34	22:11:31.4	+18:05:34	300	89	2.0	#56 Spectropho	2	
0071.BDp174708	75	01:36	22:11:31.4	+18:05:34	300	89	2.0	#56 Spectropho	2	
0072.BDp174708	75	01:37	22:11:31.4	+18:05:34	300	89	2.0	#56 Spectropho	2	
0073.COMP	10	01:40	22:11:31.4	+18:05:34	300	89	2.0	#56 Spectropho	2	
0074.BDp284211	180	01:43	21:51:11.0	+28:51:50	300	90	2.0	#56 Spectropho	2	
0075.BDp284211	180	01:47	21:51:11.0	+28:51:50	300	90	2.0	#56 Spectropho	2	
0076.COMP	10	01:52	21:51:11.0	+28:51:50	300	90	2.0	#56 Spectropho	2	
0077.IPHAS_W4152	300	02:02	22:12:18.0	+56:49:23	300	90	2.0	#157 IPHAS	2	
0078.COMP	10	02:07	22:12:18.0	+56:49:23	300	90	2.0	#157 IPHAS	2	
0079.IPHAS_W4153	300	02:13	22:12:19.0	+55:40:40	300	90	2.0	#157 IPHAS	2	
0080.COMP	10	02:19	22:12:19.0	+55:40:40	300	90	2.0	#157 IPHAS	2	
0081.IPHAS_W4553	400	02:38	23:02:58.7	+56:50:17	300	90	2.0	#157 IPHAS	2	
0082.COMP	10	02:45	23:02:58.7	+56:50:17	300	90	2.0	#157 IPHAS	2	
0083.sn2009jf	1800	02:59	23:04:53.0	+12:20:00	300	90	2.0	#2 SN Observat	2	
0084.COMP	10	03:29	23:04:53.0	+12:20:00	300	90	2.0	#2 SN Observat	2	
0085.M310NC	900	03:41	00:44:16.9	+41:18:54	300	90	2.0	#193 Double Ra	2	
0086.COMP	10	03:57	00:44:16.9	+41:18:54	300	90	2.0	#193 Double Ra	2	
0087.IPHAS_W0066	660	04:24	00:13:41.0	+64:14:25	300	90	2.0	#157 IPHAS	2	

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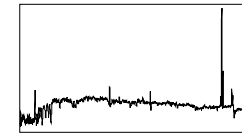
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0088.COMP	10	04:36	00:13:41.0	+64:14:25	300	90	2.0	#157 IPHAS	2	
0089.IPHAS_W0067	300	04:41	00:14:07.8	+61:42:09	300	21	2.0	#157 IPHAS	2	
0090.COMP	10	05:08	00:14:07.8	+61:42:09	300	89	2.0	#157 IPHAS	2	
0091.4C41.08	1800	05:51	03:27:08.0	+41:50:48	300	70	2.0	#193 Double Ra	2	
0092.COMP	10	06:22	03:27:08.0	+41:50:48	300	70	2.0	#193 Double Ra	2	
0093.4C42.09	1800	06:44	03:20:35.0	+43:05:36	300	20	2.0	#193 Double Ra	2	
0094.COMP	10	07:14	03:20:35.0	+43:05:36	300	20	2.0	#193 Double Ra	2	
0095.4C42.09	2100	07:24	03:20:35.0	+43:05:36	300	-60	2.0	#193 Double Ra	2	
0096.COMP	10	08:00	03:20:35.0	+43:05:36	300	-60	2.0	#193 Double Ra	2	
0097.4C42.09	2100	08:11	03:20:35.0	+43:05:36	300	27	2.0	#193 Double Ra	2	
0098.COMP	10	08:46	03:20:35.0	+43:05:36	300	27	2.0	#193 Double Ra	2	
0099.HIP25428	2100	09:13	05:22:16.0	+21:12:43	300	90	2.0	#57 Velocity S	2	
0100.COMP	10	09:49	05:22:16.0	+21:12:43	300	90	2.0	#57 Velocity S	2	
0101-0105.DARK	900	13:18	07:44:26.9	+24:23:53	300	90	2.0	#57 Velocity S	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	00:20	07:44:26.9	+24:23:53	300	90	3.0	#57 Velocity S	2	
0011-0025.FLAT	7	00:26	07:44:26.9	+24:23:53	300	90	3.0	#57 Velocity S	2	
0032.BDp174708	75	01:29	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0033.BDp174708	75	01:30	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0034.BDp174708	75	01:32	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0035.BDp284211	180	01:35	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0036.BDp284211	180	01:38	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0037.COMP	10	01:42	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0038.COMP	10	01:43	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0039.IPHAS_W4387	500	01:58	22:42:43.7	+63:33:29	300	36	3.0	#157 IPHAS	2	
0040.COMP	10	02:07	22:42:43.7	+63:33:29	300	36	3.0	#157 IPHAS	2	
0041.IPHAS_W4389	300	02:16	22:43:54.2	+55:31:47	300	89	3.0	#157 IPHAS	2	
0042.COMP	10	02:21	22:43:54.2	+55:31:47	300	89	3.0	#157 IPHAS	2	
0043.IPHAS_W4390	750	02:27	22:43:55.7	+58:35:05	300	20	3.0	#157 IPHAS	2	
0044.COMP	10	02:40	22:43:55.7	+58:35:05	300	20	3.0	#157 IPHAS	2	
0045.IPHAS_W4393	150	03:10	22:44:17.4	+55:14:07	300	89	3.0	#157 IPHAS	2	
0046.COMP	10	03:13	22:44:17.4	+55:14:07	300	89	3.0	#157 IPHAS	2	
0047.IPHAS_W4394	300	03:18	22:44:35.0	+55:01:05	300	89	3.0	#157 IPHAS	2	
0048.COMP	10	03:24	22:44:35.0	+55:01:05	300	89	3.0	#157 IPHAS	2	
0049.IPHAS_W4397	900	03:30	22:45:47.2	+57:50:54	300	89	3.0	#157 IPHAS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0050.COMP	10	03:45	22:45:47.2	+57:50:54	300	89	3.0	#157 IPHAS	2	
0051.IPHAS_W4399	360	03:50	22:46:03.4	+57:46:51	300	64	3.0	#157 IPHAS	2	
0052.COMP	10	03:56	22:46:03.4	+57:46:51	300	64	3.0	#157 IPHAS	2	
0053.00181515+5356372	120	04:07	00:18:15.1	+53:56:37	300	89	3.0	#141 Mapping t	2	
0054.COMP	10	04:10	00:18:15.1	+53:56:37	300	89	3.0	#141 Mapping t	2	
0055.00181515+5356372	300	04:10	00:18:15.1	+53:56:37	300	89	3.0	#141 Mapping t	2	
0056.COMP	10	04:16	00:18:15.1	+53:56:37	300	89	3.0	#141 Mapping t	2	
0057.00230454+2915476	600	04:21	00:23:04.5	+29:15:48	300	6	3.0	#141 Mapping t	2	
0058.COMP	10	04:31	00:23:04.5	+29:15:48	300	6	3.0	#141 Mapping t	2	
0059.00235176+3621327	600	04:35	00:23:51.8	+36:21:33	300	59	3.0	#141 Mapping t	2	
0060.COMP	10	04:45	00:23:51.8	+36:21:33	300	59	3.0	#141 Mapping t	2	
0061.4C41.08	1800	05:06	03:26:39.6	+41:51:57	300	-28	3.0	#193 Double Ra	2	
0062.COMP	10	05:37	03:26:39.6	+41:51:57	300	-28	3.0	#193 Double Ra	2	
0063.4C42.09	1203	05:53	03:20:35.0	+43:05:36	300	40	3.0	#193 Double Ra	2	
0064.COMP	10	06:14	03:20:35.0	+43:05:36	300	40	3.0	#193 Double Ra	2	
0065.4C41.08	2400	06:21	03:26:39.6	+41:51:57	300	-28	3.0	#193 Double Ra	2	
0066.COMP	10	07:02	03:26:39.6	+41:51:57	300	-28	3.0	#193 Double Ra	2	
0067.4C41.08	2499	07:14	03:26:39.6	+41:51:57	300	-29	3.0	#193 Double Ra	2	
0068.COMP	10	07:56	03:26:39.6	+41:51:57	300	-29	3.0	#193 Double Ra	2	
0069.B30306+426	1513	08:16	03:10:08.9	+42:49:34	300	-15	3.0	#193 Double Ra	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0070.COMP	10	08:42	03:10:08.9	+42:49:34	300	-15	3.0	#193 Double Ra	2	
0071.4C41.08	2100	08:50	03:26:39.6	+41:51:57	300	-27	3.0	#193 Double Ra	2	
0072.COMP	10	09:25	03:26:39.6	+41:51:57	300	-27	3.0	#193 Double Ra	2	
0073.4C41.08	1800	09:27	03:26:39.6	+41:51:57	300	-27	3.0	#193 Double Ra	2	
0074.COMP	10	09:57	03:26:39.6	+41:51:57	300	-27	3.0	#193 Double Ra	2	
0075.B30306+426	321	10:08	03:10:08.9	+42:49:34	300	-24	3.0	#193 Double Ra	2	
0076.B30306+426	1800	10:14	03:10:08.9	+42:49:34	300	-24	3.0	#193 Double Ra	2	
0077.COMP	10	10:45	03:10:08.9	+42:49:34	300	-24	3.0	#193 Double Ra	2	
0078.RGBJ0521.8+2112	2100	10:55	05:21:46.0	+21:12:51	300	90	3.0	#193 Double Ra	2	
0079.COMP	10	11:30	05:21:46.0	+21:12:51	300	90	3.0	#193 Double Ra	2	
0080.sn2009kn	1200	11:40	08:09:43.0	-17:44:51	300	-44	3.0	#2 SN Observat	2	
0081.COMP	10	12:00	08:09:43.0	-17:44:51	300	-44	3.0	#2 SN Observat	2	
0082.sn2009kq	1380	12:04	08:36:15.1	+28:04:02	300	89	3.0	#2 SN Observat	2	
0083.COMP	10	12:28	08:36:15.1	+28:04:02	300	89	3.0	#2 SN Observat	2	
0084.C091038.9+333354	900	12:31	09:10:38.9	+33:33:54	300	89	3.0	#188 Dwarf C S	2	
0085.COMP	10	12:46	09:10:38.9	+33:33:54	300	89	3.0	#188 Dwarf C S	2	
0086.C092551.2+334401	782	12:48	09:25:51.3	+33:44:01	300	89	3.0	#188 Dwarf C S	2	
0087.COMP	10	13:02	09:25:51.3	+33:44:01	300	89	3.0	#188 Dwarf C S	2	
0088-0097.BIAS	0	13:05	09:25:51.3	+33:44:01	300	89	3.0	#57 Velocity S	2	
0098-0112.FLAT	7	13:10	09:25:51.3	+33:44:01	300	89	3.0	#57 Velocity S	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0113-0117.DARK	900	14:21	09:25:51.3	+33:44:01	300	89	3.0	#57 Velocity S	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	01:43	22:21:21.0	+31:27:10	300	89	3.0	#57 Velocity S	2	
0011-0020.FLAT	7	01:46	22:21:21.0	+31:27:10	300	89	3.0	#57 Velocity S	2	
0021.BDp284211	70	01:54	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0022.COMP	10	01:56	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0023.BDp174708	25	01:58	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0024.COMP	10	01:59	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0025.BFCyg	15	02:03	19:23:53.0	+29:40:27	300	89	3.0	#12 Symbiotic	2	
0026.BFCyg	15	02:03	19:23:53.0	+29:40:27	300	89	3.0	#12 Symbiotic	2	
0027.BFCyg	10	02:04	19:23:53.0	+29:40:27	300	89	3.0	#12 Symbiotic	2	
0028.COMP	10	02:05	19:23:53.0	+29:40:27	300	89	3.0	#12 Symbiotic	2	
0029.CHCyg	1	02:06	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0030.CHCyg	5	02:07	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0031.CHCyg	30	02:08	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0032.COMP	10	02:09	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0033.AS360	60	02:12	19:45:49.0	+18:36:49	300	89	3.0	#12 Symbiotic	2	
0034.AS360	300	02:14	19:45:49.0	+18:36:49	300	89	3.0	#12 Symbiotic	2	
0035.COMP	10	02:20	19:45:49.0	+18:36:49	300	89	3.0	#12 Symbiotic	2	
0036.CICyg	4	02:21	19:50:12.0	+35:41:02	300	89	3.0	#12 Symbiotic	2	
0037.CICyg	15	02:22	19:50:12.0	+35:41:02	300	89	3.0	#12 Symbiotic	2	
0038.COMP	10	02:23	19:50:12.0	+35:41:02	300	89	3.0	#12 Symbiotic	2	

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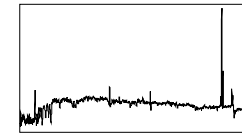
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0039.bhvs435	1500	02:32	20:37:42.4	-04:31:09	600	60	2.0	#182 Runaway B	4	
0040.COMP	10	02:57	20:37:42.4	-04:31:09	600	60	2.0	#182 Runaway B	4	
0041.bhvs437	720	03:00	20:40:53.2	-04:42:28	600	90	2.0	#182 Runaway B	4	
0042.COMP	10	03:12	20:40:53.2	-04:42:28	600	90	2.0	#182 Runaway B	4	
0043.bhvs444	660	03:15	20:55:59.2	-07:02:21	600	90	2.0	#182 Runaway B	4	
0044.COMP	10	03:26	20:55:59.2	-07:02:21	600	90	2.0	#182 Runaway B	4	
0045.bhvs445	1500	03:29	20:56:17.5	-06:16:09	600	90	2.0	#182 Runaway B	4	
0046.COMP	10	03:55	20:56:17.5	-06:16:09	600	90	2.0	#182 Runaway B	4	
0047.bhvs460	1080	03:57	22:00:08.0	+01:06:28	600	90	2.0	#182 Runaway B	4	
0048.COMP	10	04:16	22:00:08.0	+01:06:28	600	90	2.0	#182 Runaway B	4	
0049.bhvs463	1440	04:20	00:28:25.9	-16:20:24	600	90	2.0	#182 Runaway B	4	
0050.COMP	10	04:44	00:28:25.9	-16:20:24	600	90	2.0	#182 Runaway B	4	
0051.bhvs464	1080	04:46	00:36:26.3	-20:25:07	600	90	2.0	#182 Runaway B	4	
0052.COMP	10	05:05	00:36:26.3	-20:25:07	600	90	2.0	#182 Runaway B	4	
0053.Feige24	300	05:09	02:35:07.6	+03:43:57	600	90	2.0	#56 Spectropho	4	
0054.COMP	10	05:14	02:35:07.6	+03:43:57	600	90	2.0	#56 Spectropho	4	
0055.HD19445	20	05:16	03:08:25.6	+26:19:51	600	90	2.0	#56 Spectropho	4	
0056.COMP	10	05:17	03:08:25.6	+26:19:51	600	90	2.0	#56 Spectropho	4	
0057-0066.FLAT	12	05:22	03:08:25.6	+26:19:51	600	90	2.0	#56 Spectropho	4	
0067.COMP	5	05:25	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0069.IPHAS_W0485	900	06:00	02:09:45.2	+59:52:52	300	90	3.0	#157 IPHAS	2	
0070.COMP	10	06:18	02:09:45.2	+59:52:52	300	90	3.0	#157 IPHAS	2	
0071.IPHAS_W0494	600	06:20	02:10:57.1	+62:47:01	300	90	3.0	#157 IPHAS	2	
0072.COMP	10	06:32	02:10:57.1	+62:47:01	300	90	3.0	#157 IPHAS	2	
0073.IPHAS_W0495	1200	06:33	02:11:21.7	+62:47:07	300	90	3.0	#157 IPHAS	2	
0074.COMP	10	06:54	02:11:21.7	+62:47:07	300	90	3.0	#157 IPHAS	2	
0075.IPHAS_W0499	600	06:56	02:11:59.1	+61:56:40	300	90	3.0	#157 IPHAS	2	
0076.COMP	10	07:06	02:11:59.1	+61:56:40	300	90	3.0	#157 IPHAS	2	
0077.IPHAS_W0500	780	07:08	02:12:02.0	+61:32:30	300	90	3.0	#157 IPHAS	2	
0078.COMP	10	07:21	02:12:02.0	+61:32:30	300	90	3.0	#157 IPHAS	2	
0079.IPHAS_W0659	900	07:23	02:40:55.0	+63:00:10	300	90	3.0	#157 IPHAS	2	row=82
0080.COMP	10	07:39	02:40:55.0	+63:00:10	300	90	3.0	#157 IPHAS	2	
0081.IPHAS_W0660	600	07:40	02:41:02.5	+57:40:15	300	90	3.0	#157 IPHAS	2	
0082.COMP	10	07:51	02:41:02.5	+57:40:15	300	90	3.0	#157 IPHAS	2	
0083.IPHAS_W0662	900	07:53	02:41:12.0	+60:51:25	300	90	3.0	#157 IPHAS	2	
0084.COMP	10	08:09	02:41:12.0	+60:51:25	300	90	3.0	#157 IPHAS	2	
0085.IPHAS_W0685	900	08:11	02:44:30.4	+60:48:29	300	90	3.0	#157 IPHAS	2	
0086.COMP	10	08:27	02:44:30.4	+60:48:29	300	90	3.0	#157 IPHAS	2	
0087.Hiltner600	60	08:30	06:45:13.4	+02:08:15	300	90	3.0	#56 Spectropho	2	
0088.COMP	10	08:32	06:45:13.4	+02:08:15	300	90	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0089-0098.FLAT	7	08:36	06:45:13.4	+02:08:15	300	90	3.0	#56 Spectropho	2	
0099.pg0834p501	900	08:41	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0100.COMP	10	08:56	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0101.pg0834p501	900	08:57	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0102.pg0834p501	900	09:12	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0103.COMP	10	09:28	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0104.pg0834p501	900	09:29	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0105.pg0834p501	900	09:44	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0106.COMP	10	09:59	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0107.pg0834p501	900	10:00	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0108.pg0834p501	900	10:15	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0109.COMP	10	10:31	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0110.pg0834p501	900	10:32	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0111.pg0834p501	900	10:47	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0112.COMP	10	11:02	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0113.pg0834p501	900	11:03	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0114.pg0834p501	900	11:18	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0115.COMP	10	11:34	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0116.pg0834p501	900	11:35	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0117.pg0834p501	900	11:50	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	

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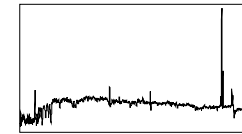
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0118.COMP	10	12:05	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0119.pg0834p501	900	12:06	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0120.pg0834p501	900	12:21	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0121.COMP	10	12:36	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0122.pg0834p501	900	12:37	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0123.COMP	10	12:53	08:37:37.3	+49:52:29	600	90	1.5	#178 Extremely	4	
0124.Hiltner600	90	12:55	06:45:13.4	+02:08:15	600	90	1.5	#56 Spectropho	4	
0125.COMP	10	12:57	06:45:13.4	+02:08:15	600	90	1.5	#56 Spectropho	4	
0126-0145.BIAS	0	13:04	06:45:13.4	+02:08:15	600	90	1.5	#178 Extremely	4	
0146-0155.FLAT	15	13:11	06:45:13.4	+02:08:15	600	90	1.5	#178 Extremely	4	
0156-0165.BIAS	0	13:15	06:45:13.4	+02:08:15	600	90	1.5	#178 Extremely	2	
0166-0170.DARK	900	14:18	06:45:13.4	+02:08:15	600	90	1.5	#178 Extremely	4	
0171-0175.DARK	900	15:35	06:45:13.4	+02:08:15	600	90	1.5	#178 Extremely	2	

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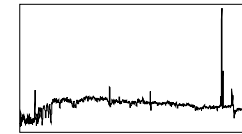
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0007.DARK	900	01:00	06:45:13.4	+02:08:15	600	90	2.0	#178 Extremely	2	
0008-0017.BIAS	0	01:18	06:45:13.4	+02:08:15	600	90	2.0	#178 Extremely	2	
0018-0027.FLAT	12	01:25	06:45:13.4	+02:08:15	600	90	2.0	#178 Extremely	4	
0028-0037.BIAS	0	01:27	06:45:13.4	+02:08:15	600	90	2.0	#178 Extremely	4	
0038.BDp284211	90	01:31	21:51:11.0	+28:51:50	600	90	2.0	#56 Spectropho	4	
0039.COMP	10	01:33	21:51:11.0	+28:51:50	600	90	2.0	#56 Spectropho	4	
0040.BDp174708	30	01:36	22:11:31.4	+18:05:34	600	90	2.0	#56 Spectropho	4	
0041.COMP	10	01:37	22:11:31.4	+18:05:34	600	90	2.0	#56 Spectropho	4	
0042.bhvs439	720	01:41	20:49:08.1	+00:44:32	600	90	2.0	#182 Runaway B	4	
0043.COMP	10	01:53	20:49:08.1	+00:44:32	600	90	2.0	#182 Runaway B	4	
0044.bhvs440	600	01:55	20:50:51.0	-05:18:23	600	90	2.0	#182 Runaway B	4	
0045.COMP	10	02:06	20:50:51.0	-05:18:23	600	90	2.0	#182 Runaway B	4	
0046.bhvs446	1200	02:08	20:56:59.0	-05:07:49	600	82	2.0	#182 Runaway B	4	
0047.COMP	10	02:29	20:56:59.0	-05:07:49	600	82	2.0	#182 Runaway B	4	
0048.bhvs441	660	02:31	20:53:07.8	-00:06:33	600	89	2.0	#182 Runaway B	4	
0049.COMP	10	02:43	20:53:07.8	-00:06:33	600	89	2.0	#182 Runaway B	4	
0050.bhvs442	960	02:45	20:54:18.7	-00:15:56	600	89	2.0	#182 Runaway B	4	
0051.COMP	10	03:02	20:54:18.7	-00:15:56	600	89	2.0	#182 Runaway B	4	
0052.bhvs443	960	03:03	20:54:52.1	-05:16:36	600	89	2.0	#182 Runaway B	4	
0053.COMP	10	03:20	20:54:52.1	-05:16:36	600	89	2.0	#182 Runaway B	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0054.bhvs448	660	03:22	21:00:04.2	-00:03:30	600	89	2.0	#182 Runaway B	4	
0055.COMP	10	03:33	21:00:04.2	-00:03:30	600	89	2.0	#182 Runaway B	4	
0056.bhvs449	780	03:35	21:02:35.2	-07:09:28	600	89	2.0	#182 Runaway B	4	
0057.COMP	10	03:49	21:02:35.2	-07:09:28	600	89	2.0	#182 Runaway B	4	
0058.K11104511	600	03:59	20:00:36.9	+48:37:31	600	89	2.0	#192 DASCH Lon	2	
0059.COMP	7	04:09	20:00:36.9	+48:37:31	600	89	2.0	#192 DASCH Lon	2	
0060.K12185323	480	04:11	20:11:05.4	+50:43:15	600	89	2.0	#192 DASCH Lon	2	
0061.COMP	7	04:19	20:11:05.4	+50:43:15	600	89	2.0	#192 DASCH Lon	2	
0062.K4974759	60	04:21	20:11:54.4	+40:00:30	600	89	2.0	#192 DASCH Lon	2	
0063.COMP	7	04:22	20:11:54.4	+40:00:30	600	89	2.0	#192 DASCH Lon	2	
0064.K3303451	12	04:24	20:12:44.4	+38:23:31	600	89	2.0	#192 DASCH Lon	2	
0065.COMP	7	04:25	20:12:44.4	+38:23:31	600	89	2.0	#192 DASCH Lon	2	
0066.NO310033448	600	04:27	20:58:20.0	+04:11:31	600	89	2.0	#192 DASCH Lon	2	
0067.COMP	7	04:37	20:58:20.0	+04:11:31	600	89	2.0	#192 DASCH Lon	2	
0068.NO313311705	240	04:40	21:06:26.3	+17:57:07	600	89	2.0	#192 DASCH Lon	2	
0069.COMP	7	04:44	21:06:26.3	+17:57:07	600	89	2.0	#192 DASCH Lon	2	
0070.NO313222857	150	04:46	21:10:23.5	+14:04:46	600	89	2.0	#192 DASCH Lon	2	
0071.COMP	7	04:49	21:10:23.5	+14:04:46	600	89	2.0	#192 DASCH Lon	2	
0072.NO02010375	600	04:50	21:41:33.3	+01:24:56	600	89	2.0	#192 DASCH Lon	2	
0073.COMP	7	05:01	21:41:33.3	+01:24:56	600	89	2.0	#192 DASCH Lon	2	

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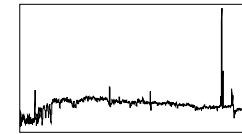
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0074.N0022112339	25	05:02	21:51:02.0	+12:37:32	600	89	2.0	#192 DASCH Lon	2	
0075.COMP	7	05:03	21:51:02.0	+12:37:32	600	89	2.0	#192 DASCH Lon	2	
0076.N0022112339	10	05:04	21:51:02.0	+12:37:32	600	89	2.0	#192 DASCH Lon	2	
0077.N0022112339	5	05:04	21:51:02.0	+12:37:32	600	89	2.0	#192 DASCH Lon	2	
0078.COMP	7	05:05	21:51:02.0	+12:37:32	600	89	2.0	#192 DASCH Lon	2	
0079.HD19445	5	05:07	03:08:25.6	+26:19:51	600	89	2.0	#56 Spectropho	2	
0080.COMP	7	05:08	03:08:25.6	+26:19:51	600	89	2.0	#56 Spectropho	2	
0081-0090.FLAT	15	05:13	03:08:25.6	+26:19:51	600	89	2.0	#56 Spectropho	2	
0091.COMP	5	05:16	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	4	test
0092.IPHAS_W4556	900	05:21	23:03:16.1	+63:08:38	300	89	3.0	#157 IPHAS	2	
0093.COMP	10	05:36	23:03:16.1	+63:08:38	300	89	3.0	#157 IPHAS	2	
0094.IPHAS_W4562	900	05:38	23:03:46.0	+61:48:46	300	89	3.0	#157 IPHAS	2	
0095.COMP	10	05:54	23:03:46.0	+61:48:46	300	89	3.0	#157 IPHAS	2	
0096.IPHAS_W0059	900	05:57	00:12:24.0	+62:32:44	300	89	3.0	#157 IPHAS	2	
0097.COMP	10	06:12	00:12:24.0	+62:32:44	300	89	3.0	#157 IPHAS	2	
0098.IPHAS_W0061	900	06:15	00:12:52.1	+59:54:40	300	89	3.0	#157 IPHAS	2	
0099.COMP	10	06:30	00:12:52.1	+59:54:40	300	89	3.0	#157 IPHAS	2	
0100.IPHAS_W0357	780	06:33	01:42:18.7	+62:47:33	300	89	3.0	#157 IPHAS	2	
0101.COMP	10	06:46	01:42:18.7	+62:47:33	300	89	3.0	#157 IPHAS	2	
0102.IPHAS_W0358	1080	06:49	01:42:21.3	+64:58:36	300	89	3.0	#157 IPHAS	2	

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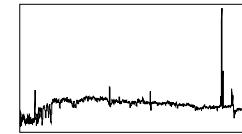
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0103.COMP	10	07:07	01:42:21.3	+64:58:36	300	89	3.0	#157 IPHAS	2	
0104.IPHAS_W0362	600	07:10	01:43:23.3	+59:53:07	300	81	3.0	#157 IPHAS	2	
0105.COMP	10	07:20	01:43:23.3	+59:53:07	300	81	3.0	#157 IPHAS	2	
0106.IPHAS_W0365	1200	07:22	01:44:01.9	+64:01:25	300	90	3.0	#157 IPHAS	2	
0107.COMP	10	07:42	01:44:01.9	+64:01:25	300	90	3.0	#157 IPHAS	2	
0108.IPHAS_W0366	600	07:45	01:44:37.1	+60:34:58	300	90	3.0	#157 IPHAS	2	row=83
0109.COMP	10	07:55	01:44:37.1	+60:34:58	300	90	3.0	#157 IPHAS	2	
0110.IPHAS_W0368	600	07:58	01:44:52.2	+60:41:23	300	90	3.0	#157 IPHAS	2	
0111.COMP	10	08:09	01:44:52.2	+60:41:23	300	90	3.0	#157 IPHAS	2	
0112.03460998+1615413	480	08:12	03:46:10.0	+16:15:41	300	90	3.0	#141 Mapping t	2	
0113.COMP	10	08:21	03:46:10.0	+16:15:41	300	90	3.0	#141 Mapping t	2	
0114.03472142+4702325	600	08:23	03:47:21.4	+47:02:32	300	90	3.0	#141 Mapping t	2	
0115.COMP	10	08:34	03:47:21.4	+47:02:32	300	90	3.0	#141 Mapping t	2	
0116.G191B2B	300	08:37	05:05:30.6	+52:49:52	300	-9	3.0	#56 Spectropho	2	
0117.COMP	10	08:42	05:05:30.6	+52:49:52	300	-9	3.0	#56 Spectropho	2	
0118.Hiltner600	90	08:45	06:45:13.4	+02:08:15	300	-29	3.0	#56 Spectropho	2	
0119.COMP	10	08:47	06:45:13.4	+02:08:15	300	-29	3.0	#56 Spectropho	2	
0120.cvso-59012	420	08:50	05:14:49.7	-03:38:15	300	89	3.0	#112 Orion PMS	2	
0121.COMP	10	08:57	05:14:49.7	-03:38:15	300	89	3.0	#112 Orion PMS	2	
0122.cvso-31145	480	08:59	05:16:43.2	-00:54:20	300	89	3.0	#112 Orion PMS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0123.COMP	10	09:07	05:16:43.2	-00:54:20	300	89	3.0	#112 Orion PMS	2	
0124.cvso-37610	480	09:09	05:16:48.2	+00:43:44	300	89	3.0	#112 Orion PMS	2	
0125.COMP	10	09:18	05:16:48.2	+00:43:44	300	89	3.0	#112 Orion PMS	2	
0126.cvso-30663	360	09:19	05:17:05.9	-02:21:56	300	89	3.0	#112 Orion PMS	2	
0127.COMP	10	09:26	05:17:05.9	-02:21:56	300	89	3.0	#112 Orion PMS	2	
0128.cvso-19657	360	09:28	05:17:09.4	-00:03:47	300	89	3.0	#112 Orion PMS	2	
0129.COMP	10	09:35	05:17:09.4	-00:03:47	300	89	3.0	#112 Orion PMS	2	
0130.cvso-27357	420	09:37	05:17:25.7	+01:58:45	300	89	3.0	#112 Orion PMS	2	
0131.COMP	10	09:44	05:17:25.7	+01:58:45	300	89	3.0	#112 Orion PMS	2	
0132.cvso-38305	480	09:47	05:17:33.2	+00:42:09	300	89	3.0	#112 Orion PMS	2	
0133.COMP	10	09:56	05:17:33.2	+00:42:09	300	89	3.0	#112 Orion PMS	2	
0134.cvso-32314	300	09:58	05:17:49.7	-02:46:05	300	89	3.0	#112 Orion PMS	2	
0135.COMP	10	10:03	05:17:49.7	-02:46:05	300	89	3.0	#112 Orion PMS	2	
0136.cvso-53472	390	10:04	05:17:52.8	-03:49:18	300	89	3.0	#112 Orion PMS	2	
0137.COMP	10	10:11	05:17:52.8	-03:49:18	300	89	3.0	#112 Orion PMS	2	
0138.cvso-61024	360	10:12	05:17:58.1	-03:32:19	300	89	3.0	#112 Orion PMS	2	
0139.COMP	10	10:19	05:17:58.1	-03:32:19	300	89	3.0	#112 Orion PMS	2	
0140.cvso-39058	420	10:20	05:18:00.7	-01:10:22	300	89	3.0	#112 Orion PMS	2	
0141.COMP	10	10:28	05:18:00.7	-01:10:22	300	89	3.0	#112 Orion PMS	2	
0142.cvso-38759	180	10:29	05:18:02.3	+00:46:22	300	89	3.0	#112 Orion PMS	2	

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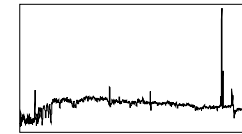
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0143.COMP	10	10:33	05:18:02.3	+00:46:22	300	89	3.0	#112 Orion PMS	2	
0144.cvso-31252	360	10:34	05:18:05.8	-01:54:52	300	89	3.0	#112 Orion PMS	2	
0145.COMP	10	10:44	05:18:05.8	-01:54:52	300	89	3.0	#112 Orion PMS	2	
0146.cvso-31320	300	10:45	05:18:14.0	-01:56:32	300	89	3.0	#112 Orion PMS	2	
0147.COMP	10	10:50	05:18:14.0	-01:56:32	300	89	3.0	#112 Orion PMS	2	
0148.cvso-20578	660	10:52	05:18:14.6	+00:10:10	300	89	3.0	#112 Orion PMS	2	
0149.COMP	10	11:04	05:18:14.6	+00:10:10	300	89	3.0	#112 Orion PMS	2	
0150.cvso-38980	360	11:06	05:18:29.1	+01:35:30	300	89	3.0	#112 Orion PMS	2	
0151.COMP	10	11:12	05:18:29.1	+01:35:30	300	89	3.0	#112 Orion PMS	2	
0152.cvso-39227	540	11:14	05:18:31.4	+00:34:31	300	89	3.0	#112 Orion PMS	2	
0153.COMP	10	11:23	05:18:31.4	+00:34:31	300	89	3.0	#112 Orion PMS	2	
0154.cvso-61344	480	11:25	05:18:31.9	-03:21:53	300	89	3.0	#112 Orion PMS	2	
0155.COMP	10	11:34	05:18:31.9	-03:21:53	300	89	3.0	#112 Orion PMS	2	
0156.sn2009kq	1200	11:40	08:36:15.1	+28:04:02	300	-35	3.0	#2 SN Observat	2	
0157.COMP	10	12:01	08:36:15.1	+28:04:02	300	-35	3.0	#2 SN Observat	2	
0158.HD84937	20	12:03	09:48:56.1	+13:44:39	300	89	3.0	#56 Spectropho	2	
0159.COMP	10	12:04	09:48:56.1	+13:44:39	300	89	3.0	#56 Spectropho	2	
0160.09135500-1433516	360	12:06	09:13:55.0	-14:33:52	300	89	3.0	#141 Mapping t	2	
0161.COMP	10	12:13	09:13:55.0	-14:33:52	300	89	3.0	#141 Mapping t	2	
0162.09444962-1229473	240	12:15	09:44:49.6	-12:29:47	300	89	3.0	#141 Mapping t	2	

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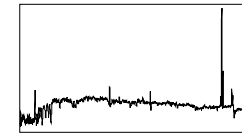
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0163.COMP	10	12:19	09:44:49.6	-12:29:47	300	89	3.0	#141 Mapping t	2	
0164.07035812-1937012	900	12:21	07:03:58.1	-19:37:01	300	99	3.0	#141 Mapping t	2	try again
0165.COMP	10	12:36	07:03:58.1	-19:37:01	300	99	3.0	#141 Mapping t	2	
0166.07035812-1937012	1080	12:38	07:03:58.1	-19:37:01	300	60	3.0	#141 Mapping t	2	
0167.COMP	10	12:57	07:03:58.1	-19:37:01	300	60	3.0	#141 Mapping t	2	
0168.Feige34	70	13:00	10:39:36.7	+43:06:09	300	89	3.0	#56 Spectropho	2	
0169.COMP	10	13:02	10:39:36.7	+43:06:09	300	89	3.0	#56 Spectropho	2	
0170-0179.BIAS	0	13:06	10:39:36.7	+43:06:09	300	89	3.0	#56 Spectropho	2	
0180-0199.FLAT	7	13:16	10:39:36.7	+43:06:09	300	89	3.0	#56 Spectropho	2	
0200-0209.BIAS	0	13:19	10:39:36.7	+43:06:09	300	89	3.0	#56 Spectropho	4	

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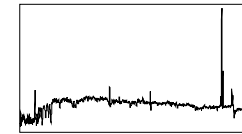
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0007.DARK	900	00:41	10:39:36.7	+43:06:09	300	89	3.0	#56 Spectropho	4	
0008-0017.BIAS	0	01:01	10:39:36.7	+43:06:09	600	89	2.0	#56 Spectropho	4	
0018-0027.FLAT	12	01:07	10:39:36.7	+43:06:09	600	89	2.0	#56 Spectropho	4	
0028.bhvs334	1500	01:18	17:44:27.5	+49:31:12	600	95	2.0	#182 Runaway B	4	
0029.COMP	10	01:43	17:44:27.5	+49:31:12	600	95	2.0	#182 Runaway B	4	
0030.bhvs337	1260	01:46	17:47:42.5	+55:17:13	600	91	2.0	#182 Runaway B	4	
0031.COMP	10	02:07	17:47:42.5	+55:17:13	600	91	2.0	#182 Runaway B	4	
0032.bhvs456	1560	02:42	21:34:28.6	-01:14:09	600	91	2.0	#182 Runaway B	4	
0033.COMP	10	03:09	21:34:28.6	-01:14:09	600	91	2.0	#182 Runaway B	4	
0034.bhvs458	1200	03:12	21:41:16.3	-00:24:57	600	91	2.0	#182 Runaway B	4	
0035.COMP	10	03:33	21:41:16.3	-00:24:57	600	91	2.0	#182 Runaway B	4	
0036.BDp174708	25	03:39	22:11:31.4	+18:05:34	600	91	2.0	#56 Spectropho	4	
0037.COMP	10	03:41	22:11:31.4	+18:05:34	600	91	2.0	#56 Spectropho	4	
0038.K9841401	150	03:47	19:43:40.5	+46:40:03	600	91	2.0	#192 DASCH Lon	2	
0039.COMP	7	03:50	19:43:40.5	+46:40:03	600	91	2.0	#192 DASCH Lon	2	
0040.N03030221355	150	03:51	19:43:28.7	+41:40:07	600	91	2.0	#192 DASCH Lon	2	
0041.COMP	7	03:55	19:43:28.7	+41:40:07	600	91	2.0	#192 DASCH Lon	2	
0042.K12071221	1	03:56	19:44:48.2	+50:31:30	600	91	2.0	#192 DASCH Lon	2	
0043.K12071221	5	03:56	19:44:48.2	+50:31:30	600	91	2.0	#192 DASCH Lon	2	
0044.K12071221	20	03:57	19:44:48.2	+50:31:30	600	91	2.0	#192 DASCH Lon	2	

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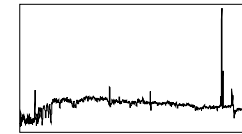
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0045.K12071221	40	03:58	19:44:48.2	+50:31:30	600	91	2.0	#192 DASCH Lon	2	
0046.COMP	7	03:59	19:44:48.2	+50:31:30	600	91	2.0	#192 DASCH Lon	2	
0047.K12423771	150	04:07	19:53:55.0	+51:13:17	600	91	2.0	#192 DASCH Lon	2	
0048.COMP	7	04:11	19:53:55.0	+51:13:17	600	91	2.0	#192 DASCH Lon	2	
0049.BDp174708	20	04:14	22:11:31.4	+18:05:34	600	91	2.0	#56 Spectropho	2	
0050.COMP	7	04:15	22:11:31.4	+18:05:34	600	91	2.0	#56 Spectropho	2	
0051-0060.FLAT	15	04:21	22:11:31.4	+18:05:34	600	91	2.0	#56 Spectropho	2	
0061.sn20091f	1800	04:38	02:01:39.6	+15:19:58	300	-25	3.0	#2 SN Observat	2	
0062.COMP	10	05:08	02:01:39.6	+15:19:58	300	-25	3.0	#2 SN Observat	2	
0063.sn20091e	1200	05:23	02:09:17.1	-23:24:45	300	0	3.0	#2 SN Observat	2	
0064.COMP	10	05:44	02:09:17.1	-23:24:45	300	0	3.0	#2 SN Observat	2	
0065.PossibleNova	1500	05:45	02:09:17.1	-23:24:45	300	0	3.0	#2 SN Observat	2	
0066.COMP	10	06:11	02:09:17.1	-23:24:45	300	0	3.0	#2 SN Observat	2	
0067.IPHAS_W0378	720	06:16	01:46:20.4	+64:48:03	300	90	3.0	#157 IPHAS	2	
0068.COMP	10	06:28	01:46:20.4	+64:48:03	300	90	3.0	#157 IPHAS	2	
0069.IPHAS_W0379	480	06:31	01:46:24.4	+61:10:37	300	90	3.0	#157 IPHAS	2	
0070.COMP	10	06:39	01:46:24.4	+61:10:37	300	90	3.0	#157 IPHAS	2	
0071.IPHAS_W0380	1080	06:42	01:46:34.1	+62:33:17	300	90	3.0	#157 IPHAS	2	
0072.COMP	10	07:00	01:46:34.1	+62:33:17	300	90	3.0	#157 IPHAS	2	
0073.IPHAS_W0381	1080	07:02	01:46:57.4	+63:00:32	300	90	3.0	#157 IPHAS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0074.COMP	10	07:21	01:46:57.4	+63:00:32	300	90	3.0	#157 IPHAS	2	
0075.IPHAS_W0388	1080	07:23	01:50:01.2	+64:22:20	300	90	3.0	#157 IPHAS	2	
0076.COMP	10	07:41	01:50:01.2	+64:22:20	300	90	3.0	#157 IPHAS	2	
0077.05335014-1321181	240	07:44	05:33:50.1	-13:21:18	300	90	3.0	#141 Mapping t	2	
0078.COMP	10	07:49	05:33:50.1	-13:21:18	300	90	3.0	#141 Mapping t	2	
0079.02005902+5419397	540	07:52	02:00:59.0	+54:19:40	300	90	3.0	#141 Mapping t	2	
0080.COMP	10	08:01	02:00:59.0	+54:19:40	300	90	3.0	#141 Mapping t	2	
0081.02054565+5608299	1200	08:03	02:05:45.6	+56:08:30	300	90	3.0	#141 Mapping t	2	
0082.COMP	10	08:23	02:05:45.6	+56:08:30	300	90	3.0	#141 Mapping t	2	
0083.HD19445	10	08:25	03:08:25.6	+26:19:51	300	72	3.0	#56 Spectropho	2	
0084.COMP	10	08:26	03:08:25.6	+26:19:51	300	72	3.0	#56 Spectropho	2	
0085.G191B2B	300	08:29	05:05:30.6	+52:49:52	300	90	3.0	#56 Spectropho	2	
0086.COMP	10	08:40	05:05:30.6	+52:49:52	300	90	3.0	#56 Spectropho	2	
0087.cvso-31594	540	08:47	05:18:43.5	-02:24:25	300	90	3.0	#112 Orion PMS	2	
0088.COMP	10	08:56	05:18:43.5	-02:24:25	300	90	3.0	#112 Orion PMS	2	
0089.cvso-32692	540	09:00	05:18:44.1	-00:34:01	300	90	3.0	#112 Orion PMS	2	
0090.COMP	10	09:10	05:18:44.1	-00:34:01	300	90	3.0	#112 Orion PMS	2	
0091.cvso-39312	240	09:11	05:18:47.1	+01:39:37	300	90	3.0	#112 Orion PMS	2	
0092.COMP	10	09:16	05:18:47.1	+01:39:37	300	90	3.0	#112 Orion PMS	2	
0093.cvso-31656	300	09:17	05:18:47.5	-01:56:08	300	90	3.0	#112 Orion PMS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0094.COMP	10	09:23	05:18:47.5	-01:56:08	300	90	3.0	#112 Orion PMS	2	
0095.cvso-39878	240	09:24	05:19:05.0	-01:32:57	300	90	3.0	#112 Orion PMS	2	
0096.COMP	10	09:29	05:19:05.0	-01:32:57	300	90	3.0	#112 Orion PMS	2	
0097.cvso-21242	230	09:30	05:19:08.0	+00:07:50	300	90	3.0	#112 Orion PMS	2	
0098.COMP	10	09:34	05:19:08.0	+00:07:50	300	90	3.0	#112 Orion PMS	2	
0099.cvso-32795	480	09:36	05:19:12.1	-02:42:28	300	90	3.0	#112 Orion PMS	2	
0100.COMP	10	09:44	05:19:12.1	-02:42:28	300	90	3.0	#112 Orion PMS	2	
0101.cvso-32808	420	09:45	05:19:15.2	-02:54:07	300	90	3.0	#112 Orion PMS	2	
0102.COMP	10	09:53	05:19:15.2	-02:54:07	300	90	3.0	#112 Orion PMS	2	
0103.cvso-40049	600	09:54	05:19:20.9	+00:23:42	300	94	3.0	#112 Orion PMS	2	
0104.COMP	10	10:05	05:19:20.9	+00:23:42	300	94	3.0	#112 Orion PMS	2	
0105.sn2009kq	1200	10:09	08:36:15.1	+28:04:02	300	105	3.0	#2 SN Observat	2	
0106.COMP	10	10:29	08:36:15.1	+28:04:02	300	105	3.0	#2 SN Observat	2	
0107-0126.FLAT	7	10:38	08:36:15.1	+28:04:02	300	90	3.0	#2 SN Observat	2	
0127.bhvs006	900	10:44	07:06:19.3	+12:08:18	600	86	2.0	#182 Runaway B	4	
0128.COMP	10	10:59	07:06:19.3	+12:08:18	600	86	2.0	#182 Runaway B	4	
0129.bhvs007	780	11:02	07:09:54.9	+12:00:17	600	90	2.0	#182 Runaway B	4	
0130.COMP	10	11:15	07:09:54.9	+12:00:17	600	90	2.0	#182 Runaway B	4	
0131.bhvs008	780	11:16	07:10:22.5	+12:11:41	600	90	2.0	#182 Runaway B	4	
0132.COMP	10	11:30	07:10:22.5	+12:11:41	600	90	2.0	#182 Runaway B	4	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0133.bhvs009	960	11:31	07:25:04.4	+14:43:27	600	90	2.0	#182 Runaway B	4	
0134.COMP	10	11:48	07:25:04.4	+14:43:27	600	90	2.0	#182 Runaway B	4	
0135.bhvs012	1800	11:50	07:56:33.1	-10:34:21	600	90	2.0	#182 Runaway B	4	
0136.COMP	10	12:21	07:56:33.1	-10:34:21	600	90	2.0	#182 Runaway B	4	
0137.bhvs038	1800	12:24	07:48:59.7	+33:32:43	600	90	2.0	#182 Runaway B	4	
0138.COMP	10	12:54	07:48:59.7	+33:32:43	600	90	2.0	#182 Runaway B	4	
0139.Feige34	90	12:56	10:39:36.7	+43:06:09	600	90	2.0	#56 Spectropho	4	
0140.COMP	10	12:59	10:39:36.7	+43:06:09	600	90	2.0	#56 Spectropho	4	
0141-0150.BIAS	0	13:02	10:39:36.7	+43:06:09	600	90	2.0	#182 Runaway B	4	
0151-0160.FLAT	12	13:06	10:39:36.7	+43:06:09	600	90	2.0	#182 Runaway B	4	
0161-0180.BIAS	0	13:30	10:39:36.7	+43:06:09	300	90	3.0	#182 Runaway B	2	
0181-0190.DARK	900	15:49	10:39:36.7	+43:06:09	300	90	3.0	#182 Runaway B	2	