

UT Date 2008-11-02 Observers P BerlindColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	01:00	19:50:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0011-0025.FLAT	7	01:05	19:50:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0026.BFCyg	15	01:34	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0027.BFCyg	15	01:34	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0028.COMP	10	01:35	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0029.CICyg	4	01:36	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0030.CICyg	15	01:36	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0031.COMP	10	01:37	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0032.V1016Cyg	15	01:38	19:57:05.0	+39:49:37	300	90	3.0	#12 Symbiotic	2	
0033.V1016Cyg	5	01:39	19:57:05.0	+39:49:37	300	90	3.0	#12 Symbiotic	2	
0034.V1016Cyg	60	01:39	19:57:05.0	+39:49:37	300	90	3.0	#12 Symbiotic	2	
0035.COMP	10	01:41	19:57:05.0	+39:49:37	300	90	3.0	#12 Symbiotic	2	
0036.V1515Cyg	180	01:42	20:23:48.0	+42:12:24	300	90	3.0	#12 Symbiotic	2	
0037.COMP	10	01:46	20:23:48.0	+42:12:24	300	90	3.0	#12 Symbiotic	2	
0038.V1057Cyg	30	01:47	20:58:54.0	+44:15:30	300	90	3.0	#12 Symbiotic	2	
0039.V1057Cyg	120	01:48	20:58:54.0	+44:15:30	300	90	3.0	#12 Symbiotic	2	
0040.COMP	10	01:50	20:58:54.0	+44:15:30	300	90	3.0	#12 Symbiotic	2	
0041.V407Cyg	30	01:51	21:02:09.0	+45:46:33	300	90	3.0	#12 Symbiotic	2	
0042.V407Cyg	150	01:52	21:02:09.0	+45:46:33	300	90	3.0	#12 Symbiotic	2	
0043.COMP	10	01:55	21:02:09.0	+45:46:33	300	90	3.0	#12 Symbiotic	2	

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0044.V1329Cyg	15	01:57	20:51:01.0	+35:34:55	300	90	3.0	#12 Symbiotic	2	
0045.V1329Cyg	120	01:58	20:51:01.0	+35:34:55	300	90	3.0	#12 Symbiotic	2	
0046.COMP	10	02:00	20:51:01.0	+35:34:55	300	90	3.0	#12 Symbiotic	2	
0047.S4038.86+4213	90	02:01	20:40:38.9	+42:13:15	300	90	3.0	#183 Young Sta	2	
0048.S4040.71+4223	90	02:03	20:40:40.7	+42:23:27	300	90	3.0	#183 Young Sta	2	
0049.S4047.58+4222	90	02:05	20:40:47.6	+42:22:56	300	90	3.0	#183 Young Sta	2	
0050.S4049.81+4231	90	02:07	20:40:49.8	+42:31:59	300	90	3.0	#183 Young Sta	2	
0051.COMP	10	02:09	20:40:49.8	+42:31:59	300	90	3.0	#183 Young Sta	2	
0052.S4051.38+4134	100	02:10	20:40:51.4	+41:34:22	300	90	3.0	#183 Young Sta	2	
0053.S4053.91+4121	100	02:12	20:40:53.9	+41:21:55	300	90	3.0	#183 Young Sta	2	
0054.S4055.92+4212	90	02:14	20:40:55.9	+42:12:19	300	90	3.0	#183 Young Sta	2	
0055.S4056.64+4223	90	02:16	20:40:56.6	+42:23:16	300	90	3.0	#183 Young Sta	2	
0056.COMP	10	02:19	20:40:56.6	+42:23:16	300	90	3.0	#183 Young Sta	2	
0057.S4100.20+4128	90	02:19	20:41:00.2	+41:28:26	300	90	3.0	#183 Young Sta	2	
0058.S4101.14+4212	90	02:21	20:41:01.1	+42:12:19	300	90	3.0	#183 Young Sta	2	
0059.S4101.42+4121	90	02:24	20:41:01.4	+41:21:10	300	90	3.0	#183 Young Sta	2	
0060.S4103.69+4124	100	02:26	20:41:03.7	+41:24:07	300	90	3.0	#183 Young Sta	2	
0061.COMP	10	02:27	20:41:03.7	+41:24:07	300	90	3.0	#183 Young Sta	2	
0062.S4111.45+4201	90	02:28	20:41:11.5	+42:02:00	300	90	3.0	#183 Young Sta	2	
0063.S4112.57+4212	100	02:30	20:41:12.6	+42:12:09	300	90	3.0	#183 Young Sta	2	

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0064.S4113.53+4129	90	02:33	20:41:13.5	+41:29:49	300	90	3.0	#183 Young Sta	2	
0065.S4114.24+4119	90	02:35	20:41:14.2	+41:19:16	300	90	3.0	#183 Young Sta	2	
0066.S4120.89+4215	90	02:37	20:41:20.9	+42:15:21	300	90	3.0	#183 Young Sta	2	
0067.COMP	10	02:39	20:41:20.9	+42:15:21	300	90	3.0	#183 Young Sta	2	
0068.S4122.17+4222	90	02:40	20:41:22.2	+42:22:34	300	90	3.0	#183 Young Sta	2	
0069.S4126.03+4245	90	02:42	20:41:26.0	+42:45:08	300	90	3.0	#183 Young Sta	2	
0070.S4128.91+4243	100	02:44	20:41:28.9	+42:43:10	300	90	3.0	#183 Young Sta	2	
0071.S4129.03+4147	90	02:46	20:41:29.0	+41:47:14	300	90	3.0	#183 Young Sta	2	
0072.COMP	10	02:48	20:41:29.0	+41:47:14	300	90	3.0	#183 Young Sta	2	
0073.BDp284211	120	02:49	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0074.BDp284211	120	02:51	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0075.COMP	10	02:53	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0076.BDp174708	20	02:55	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0077.BDp174708	20	02:55	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0078.BDp174708	20	02:56	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0079.COMP	10	02:57	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0080.PUVu1	10	02:59	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0081.PUVu1	60	02:59	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0082.PUVu1	120	03:01	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0083.COMP	10	03:03	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	

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0084.IFC048	1800	03:05	19:53:51.8	+28:30:47	300	77	3.0	#186 IPHAS AGB	2	faint comp to w
0085.COMP	10	03:35	19:53:51.8	+28:30:47	300	77	3.0	#186 IPHAS AGB	2	
0086.BLLac	240	03:37	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	
0087.BLLac	240	03:41	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	
0088.COMP	10	03:46	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	
0089.ZAnd	3	03:48	23:33:40.0	+48:49:06	300	0	3.0	#12 Symbiotic	2	
0090.ZAnd	10	03:49	23:33:40.0	+48:49:06	300	0	3.0	#12 Symbiotic	2	
0091.ZAnd	30	03:49	23:33:40.0	+48:49:06	300	0	3.0	#12 Symbiotic	2	
0092.COMP	10	03:50	23:33:40.0	+48:49:06	300	0	3.0	#12 Symbiotic	2	
0093.1ES2344p514	360	03:51	23:47:04.6	+51:42:18	300	0	3.0	#6 AGN Monitor	2	
0094.1ES2344p514	360	03:57	23:47:04.6	+51:42:18	300	0	3.0	#6 AGN Monitor	2	
0095.COMP	10	04:03	23:47:04.6	+51:42:18	300	0	3.0	#6 AGN Monitor	2	
0096.IFC045	1200	04:06	23:35:15.8	+62:51:57	300	0	3.0	#186 IPHAS AGB	2	
0097.COMP	10	04:26	23:35:15.8	+62:51:57	300	0	3.0	#186 IPHAS AGB	2	
0098.IPHASB_1030	360	04:28	00:07:30.1	+59:56:14	300	0	3.0	#157 IPHAS	2	
0099.COMP	10	04:34	00:07:30.1	+59:56:14	300	0	3.0	#157 IPHAS	2	
0100.IPHASB_1032	420	04:35	00:07:49.5	+61:03:14	300	0	3.0	#157 IPHAS	2	
0101.COMP	10	04:42	00:07:49.5	+61:03:14	300	0	3.0	#157 IPHAS	2	
0102.IPHASB_1035	300	04:43	00:08:23.0	+65:16:22	300	0	3.0	#157 IPHAS	2	
0103.COMP	10	04:49	00:08:23.0	+65:16:22	300	0	3.0	#157 IPHAS	2	

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0104.IPHASB_1034	300	04:50	00:08:07.0	+59:28:05	300	0	3.0	#157 IPHAS	2	
0105.COMP	10	04:55	00:08:07.0	+59:28:05	300	0	3.0	#157 IPHAS	2	
0106.IPHASB_1036	479	04:56	00:09:02.5	+62:58:40	300	0	3.0	#157 IPHAS	2	
0107.COMP	10	05:04	00:09:02.5	+62:58:40	300	0	3.0	#157 IPHAS	2	
0108.IPHASB_1038	600	05:05	00:09:41.9	+63:50:41	300	0	3.0	#157 IPHAS	2	
0109.COMP	10	05:16	00:09:41.9	+63:50:41	300	0	3.0	#157 IPHAS	2	
0110.IPHASB_1039	360	05:17	00:09:56.5	+62:08:12	300	0	3.0	#157 IPHAS	2	
0111.COMP	10	05:23	00:09:56.5	+62:08:12	300	0	3.0	#157 IPHAS	2	
0112.IPHASB_1040	240	05:24	00:10:26.3	+60:20:51	300	0	3.0	#157 IPHAS	2	
0113.COMP	10	05:28	00:10:26.3	+60:20:51	300	0	3.0	#157 IPHAS	2	
0114.IPHASB_1042	362	05:29	00:10:36.4	+58:50:05	300	0	3.0	#157 IPHAS	2	
0115.COMP	10	05:36	00:10:36.4	+58:50:05	300	0	3.0	#157 IPHAS	2	
0116.sn2008g1	1200	05:40	01:20:54.8	+04:48:19	300	0	3.0	#2 SN Observat	2	
0117.COMP	10	06:00	01:20:54.8	+04:48:19	300	0	3.0	#2 SN Observat	2	
0118.sn2008g1	1200	06:01	01:20:54.8	+04:48:19	300	0	3.0	#2 SN Observat	2	
0119.COMP	10	06:21	01:20:54.8	+04:48:19	300	0	3.0	#2 SN Observat	2	
0120.IPHASB_1041	720	06:24	00:10:33.3	+58:40:21	300	0	3.0	#157 IPHAS	2	
0121.COMP	10	06:36	00:10:33.3	+58:40:21	300	0	3.0	#157 IPHAS	2	
0122.IPHASB_1046	300	06:38	00:10:51.9	+62:10:09	300	0	3.0	#157 IPHAS	2	
0123.COMP	10	06:43	00:10:51.9	+62:10:09	300	0	3.0	#157 IPHAS	2	

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0124.IPHASB_1048	330	06:44	00:11:13.7	+62:40:23	300	0	3.0	#157 IPHAS	2	
0125.COMP	10	06:50	00:11:13.7	+62:40:23	300	0	3.0	#157 IPHAS	2	
0126.IPHASB_1049	300	06:51	00:11:22.3	+61:16:16	300	0	3.0	#157 IPHAS	2	
0127.COMP	10	06:56	00:11:22.3	+61:16:16	300	0	3.0	#157 IPHAS	2	
0128.IPHASB_1224	720	06:57	01:17:45.3	+65:14:55	300	0	3.0	#157 IPHAS	2	
0129.COMP	10	07:09	01:17:45.3	+65:14:55	300	0	3.0	#157 IPHAS	2	
0130.IPHASB_1225	240	07:10	01:17:57.1	+59:40:46	300	0	3.0	#157 IPHAS	2	
0131.COMP	10	07:15	01:17:57.1	+59:40:46	300	0	3.0	#157 IPHAS	2	
0132.IPHASB_1265	330	07:15	01:37:39.4	+61:32:59	300	0	3.0	#157 IPHAS	2	
0133.COMP	10	07:21	01:37:39.4	+61:32:59	300	0	3.0	#157 IPHAS	2	
0134.IPHASB_1266	270	07:22	01:38:25.6	+63:50:08	300	0	3.0	#157 IPHAS	2	
0135.COMP	10	07:27	01:38:25.6	+63:50:08	300	0	3.0	#157 IPHAS	2	
0136.IPHASB_1491	720	07:28	02:37:22.5	+58:34:05	300	0	3.0	#157 IPHAS	2	
0137.COMP	10	07:40	02:37:22.5	+58:34:05	300	0	3.0	#157 IPHAS	2	
0138.IPHASB_1526	300	07:41	02:45:19.1	+63:37:55	300	0	3.0	#157 IPHAS	2	
0139.COMP	10	07:47	02:45:19.1	+63:37:55	300	0	3.0	#157 IPHAS	2	
0140.IPHASB_1591	240	07:49	02:59:52.3	+56:09:26	300	0	3.0	#157 IPHAS	2	
0141.COMP	10	07:53	02:59:52.3	+56:09:26	300	0	3.0	#157 IPHAS	2	
0142.HD19445	10	07:57	03:08:25.6	+26:19:51	300	90	5.0	#56 Spectropho	2	5-sec slit, clear sky
0143.HD19445	10	07:57	03:08:25.6	+26:19:51	300	90	5.0	#56 Spectropho	2	

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0144.HD19445	10	07:57	03:08:25.6	+26:19:51	300	90	5.0	#56 Spectropho	2	
0145.HD19445	10	07:58	03:08:25.6	+26:19:51	300	90	5.0	#56 Spectropho	2	
0146.HD19445	10	07:59	03:08:25.6	+26:19:51	300	90	5.0	#56 Spectropho	2	
0147.HD19445	10	07:59	03:08:25.6	+26:19:51	300	90	5.0	#56 Spectropho	2	
0148.HD19445	10	08:00	03:08:25.6	+26:19:51	300	90	5.0	#56 Spectropho	2	
0149.HD19445	10	08:00	03:08:25.6	+26:19:51	300	90	5.0	#56 Spectropho	2	
0150.HD19445	10	08:01	03:08:25.6	+26:19:51	300	90	5.0	#56 Spectropho	2	
0151.COMP	5	08:02	03:08:25.6	+26:19:51	300	90	5.0	#56 Spectropho	2	
0152-0161.FLAT	4	08:05	03:08:25.6	+26:19:51	300	90	5.0	#56 Spectropho	2	
0162-0169.BIAS	0	08:12	03:20:00.0	-30:00:00	600	90	1.5	#56 Spectropho	4	
0170.BIAS	0	08:12	03:20:00.0	-30:00:00	600	90	1.5	#56 Spectropho	4	focus telescope down here
0171.BIAS	0	08:12	03:20:00.0	-30:00:00	600	90	1.5	#56 Spectropho	4	
0172.pg0237p242	1200	08:16	02:40:28.4	+24:22:11	600	90	1.5	#182 Runaway B	4	600-line, 1.5-sec, 440 Warren
0173.COMP	10	08:36	02:40:28.4	+24:22:11	600	90	1.5	#182 Runaway B	4	
0174.pg0237p242	1200	08:37	02:40:28.4	+24:22:11	600	90	1.5	#182 Runaway B	4	
0175.COMP	10	08:57	02:40:28.4	+24:22:11	600	90	1.5	#182 Runaway B	4	
0176.HD19445	15	08:59	03:08:25.6	+26:19:51	600	90	1.5	#182 Runaway B	4	
0177.COMP	10	09:00	03:08:25.6	+26:19:51	600	90	1.5	#182 Runaway B	4	
0178-0187.FLAT	15	09:04	04:30:00.0	+30:00:00	600	90	1.5	#182 Runaway B	4	
0188.02551249+0348322	270	09:12	02:55:12.5	+03:48:32	300	90	3.0	#141 Mapping t	2	300-line, 3-sec, combo

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0189.COMP	10	09:17	02:55:12.5	+03:48:32	300	90	3.0	#141 Mapping t	2	
0190.02595945+0322468	540	09:18	02:59:59.5	+03:22:47	300	90	3.0	#141 Mapping t	2	
0191.COMP	10	09:27	02:59:59.5	+03:22:47	300	90	3.0	#141 Mapping t	2	
0192.03034533+0143402	330	09:28	03:03:45.3	+01:43:40	300	90	3.0	#141 Mapping t	2	
0193.COMP	10	09:34	03:03:45.3	+01:43:40	300	90	3.0	#141 Mapping t	2	
0194.03032465+0645584	420	09:34	03:03:24.7	+06:45:58	300	90	3.0	#141 Mapping t	2	
0195.COMP	10	09:42	03:03:24.7	+06:45:58	300	90	3.0	#141 Mapping t	2	
0196.03044511+0747394	900	09:44	03:04:45.1	+07:47:39	300	90	3.0	#141 Mapping t	2	
0197.COMP	10	09:59	03:04:45.1	+07:47:39	300	90	3.0	#141 Mapping t	2	
0198.03055058+0208205	330	10:00	03:05:50.6	+02:08:20	300	90	3.0	#141 Mapping t	2	
0199.COMP	10	10:06	03:05:50.6	+02:08:20	300	90	3.0	#141 Mapping t	2	
0200.03053667+0459396	360	10:07	03:05:36.7	+04:59:40	300	90	3.0	#141 Mapping t	2	
0201.COMP	10	10:13	03:05:36.7	+04:59:40	300	90	3.0	#141 Mapping t	2	
0202.03072040+0423263	540	10:14	03:07:20.4	+04:23:26	300	90	3.0	#141 Mapping t	2	
0203.COMP	10	10:23	03:07:20.4	+04:23:26	300	90	3.0	#141 Mapping t	2	
0204.03565430+0013313	900	10:25	03:56:54.3	+00:13:31	300	90	3.0	#141 Mapping t	2	
0205.COMP	10	10:40	03:56:54.3	+00:13:31	300	90	3.0	#141 Mapping t	2	
0206.04162812+0041105	540	10:41	04:16:28.1	+00:41:11	300	90	3.0	#141 Mapping t	2	
0207.COMP	10	10:50	04:16:28.1	+00:41:11	300	90	3.0	#141 Mapping t	2	
0208.03580442+0541251	480	10:51	03:58:04.4	+05:41:25	300	90	3.0	#141 Mapping t	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0209.COMP	10	11:00	03:58:04.4	+05:41:25	300	90	3.0	#141 Mapping t	2	
0210.04164146+1029254	480	11:01	04:16:41.5	+10:29:25	300	90	3.0	#141 Mapping t	2	
0211.COMP	10	11:09	04:16:41.5	+10:29:25	300	90	3.0	#141 Mapping t	2	
0212.04190146+0920006	420	11:10	04:19:01.5	+09:20:01	300	90	3.0	#141 Mapping t	2	
0213.COMP	10	11:17	04:19:01.5	+09:20:01	300	90	3.0	#141 Mapping t	2	
0214.04242403+0933116	480	11:18	04:24:24.0	+09:33:12	300	90	3.0	#141 Mapping t	2	
0215.COMP	10	11:26	04:24:24.0	+09:33:12	300	90	3.0	#141 Mapping t	2	
0216.04264369+0450571	360	11:28	04:26:43.7	+04:50:57	300	90	3.0	#141 Mapping t	2	
0217.COMP	10	11:34	04:26:43.7	+04:50:57	300	90	3.0	#141 Mapping t	2	
0218.04222666+1819323	900	11:35	04:22:26.7	+18:19:32	300	90	3.0	#141 Mapping t	2	
0219.COMP	10	11:51	04:22:26.7	+18:19:32	300	90	3.0	#141 Mapping t	2	
0220.04254504+1754162	900	11:51	04:25:45.0	+17:54:16	300	90	3.0	#141 Mapping t	2	gal ok, bright sky from not very nearby star
0221.COMP	10	12:07	04:25:45.0	+17:54:16	300	90	3.0	#141 Mapping t	2	
0222.04511970+1514459	720	12:08	04:51:19.7	+15:14:46	300	90	3.0	#141 Mapping t	2	
0223.COMP	10	12:20	04:51:19.7	+15:14:46	300	90	3.0	#141 Mapping t	2	
0224.N3227	180	12:24	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0225.N3227	180	12:27	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0226.COMP	10	12:30	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0227.N3226	180	12:31	10:23:27.0	+19:53:55	300	90	3.0	#185 NGC3227 M	2	
0228.COMP	10	12:35	10:23:27.0	+19:53:55	300	90	3.0	#185 NGC3227 M	2	

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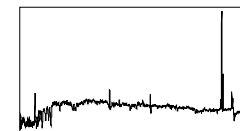
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0229.N3377	150	12:36	10:47:42.4	+13:59:08	300	90	3.0	#57 Velocity S	2	
0230.COMP	10	12:39	10:47:42.4	+13:59:08	300	90	3.0	#57 Velocity S	2	
0231.Feige34	180	12:41	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0232.Feige34	180	12:44	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0233.COMP	10	12:47	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0234-0243.BIAS	0	12:51	10:39:36.7	+43:06:09	300	90	3.0	#141 Mapping t	2	
0244-0258.FLAT	7	12:56	10:39:36.7	+43:06:09	300	90	3.0	#141 Mapping t	2	
0259-0263.DARK	900	14:07	10:39:36.7	+43:06:09	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
0001-0005.DARK	900	22:52	10:39:36.7	+43:06:09	300	90	3.0	#141 Mapping t	2	
0006-0020.BIAS	0	23:42	10:39:36.7	+43:06:09	300	90	3.0	#141 Mapping t	2	
0021-0035.FLAT	7	23:48	10:39:36.7	+43:06:09	300	90	3.0	#141 Mapping t	2	
0036-0039.sky	3	00:43	20:10:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0040.sky	3	00:43	20:10:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	clouds
0041.COMP	10	00:43	20:10:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0042.S4132.37+4234	90	01:28	20:41:32.4	+42:34:21	300	90	3.0	#183 Young Sta	2	
0043.S4134.98+4130	90	01:31	20:41:35.0	+41:30:16	300	90	3.0	#183 Young Sta	2	
0044.S4139.24+4136	90	01:33	20:41:39.2	+41:36:29	300	90	3.0	#183 Young Sta	2	
0045.S4140.98+4125	90	01:35	20:41:41.0	+41:25:48	300	90	3.0	#183 Young Sta	2	
0046.COMP	10	01:36	20:41:41.0	+41:25:48	300	90	3.0	#183 Young Sta	2	
0047.S4143.12+4258	90	01:37	20:41:43.1	+42:58:01	300	90	3.0	#183 Young Sta	2	
0048.S4144.07+4228	90	01:39	20:41:44.1	+42:28:02	300	90	3.0	#183 Young Sta	2	
0049.S4151.35+4150	90	01:41	20:41:51.3	+41:50:19	300	90	3.0	#183 Young Sta	2	
0050.S4152.91+4211	90	01:43	20:41:52.9	+42:11:51	300	90	3.0	#183 Young Sta	2	
0051.COMP	10	01:45	20:41:52.9	+42:11:51	300	90	3.0	#183 Young Sta	2	
0052.S4157.17+4300	90	01:46	20:41:57.2	+43:00:12	300	90	3.0	#183 Young Sta	2	
0053.S4157.66+4301	90	01:48	20:41:57.7	+43:01:58	300	90	3.0	#183 Young Sta	2	
0054.S4203.61+4155	90	01:50	20:42:03.6	+41:55:19	300	90	3.0	#183 Young Sta	2	
0055.S4207.43+4222	90	01:53	20:42:07.4	+42:22:37	300	90	3.0	#183 Young Sta	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0056.COMP	10	01:55	20:42:07.4	+42:22:37	300	90	3.0	#183 Young Sta	2	
0057.S4213.86+4141	90	01:57	20:42:13.9	+41:41:16	300	90	3.0	#183 Young Sta	2	
0058.S4214.81+4150	90	01:59	20:42:14.8	+41:50:41	300	90	3.0	#183 Young Sta	2	
0059.S4214.90+4128	90	02:01	20:42:14.9	+41:28:44	300	90	3.0	#183 Young Sta	2	
0060.S4218.50+4228.checkid	90	02:04	20:42:18.5	+42:28:29	300	90	3.0	#183 Young Sta	2	star observed located at 20 42 16.77 42 27 55.9
0061.COMP	10	02:05	20:42:18.5	+42:28:29	300	90	3.0	#183 Young Sta	2	
0062.S4220.30+4212.North	100	02:07	20:42:20.3	+42:12:34	300	80	3.0	#183 Young Sta	2	
0063.S4220.30+4212.South	120	02:09	20:42:20.3	+42:12:34	300	80	3.0	#183 Young Sta	2	
0064.COMP	10	02:12	20:42:20.3	+42:12:34	300	80	3.0	#183 Young Sta	2	
0065.S4228.79+4226	90	02:13	20:42:28.8	+42:26:35	300	80	3.0	#183 Young Sta	2	
0066.S4230.24+4142	90	02:15	20:42:30.2	+41:42:51	300	80	3.0	#183 Young Sta	2	
0067.S4235.17+4256	90	02:17	20:42:35.2	+42:56:36	300	80	3.0	#183 Young Sta	2	
0068.S4237.20+4153	90	02:19	20:42:37.2	+41:53:07	300	80	3.0	#183 Young Sta	2	
0069.COMP	10	02:21	20:42:37.2	+41:53:07	300	80	3.0	#183 Young Sta	2	
0070.BDp284211	120	02:23	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0071.BDp284211	120	02:25	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0072.COMP	10	02:28	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0076.BDp174708	45	02:33	22:11:31.4	+18:05:34	300	0	3.0	#56 Spectropho	2	
0077.BDp174708	45	02:34	22:11:31.4	+18:05:34	300	0	3.0	#56 Spectropho	2	
0078.BDp174708	45	02:35	22:11:31.4	+18:05:34	300	0	3.0	#56 Spectropho	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0079.COMP	10	02:36	22:11:31.4	+18:05:34	300	0	3.0	#56 Spectropho	2	
0080.IPHASB_3954	720	02:39	22:08:07.2	+59:39:53	300	0	3.0	#157 IPHAS	2	
0081.COMP	10	02:51	22:08:07.2	+59:39:53	300	0	3.0	#157 IPHAS	2	
0082.IPHASB_3956	484	02:56	22:08:33.2	+59:03:52	300	0	3.0	#157 IPHAS	2	
0083.COMP	10	03:05	22:08:33.2	+59:03:52	300	0	3.0	#157 IPHAS	2	
0084.IPHASB_3957	493	03:14	22:08:35.3	+57:00:37	300	0	3.0	#157 IPHAS	2	
0085.COMP	10	03:22	22:08:35.3	+57:00:37	300	0	3.0	#157 IPHAS	2	
0086.IPHASB_3959	543	03:24	22:08:51.6	+59:17:52	300	0	3.0	#157 IPHAS	2	
0087.COMP	10	03:33	22:08:51.6	+59:17:52	300	0	3.0	#157 IPHAS	2	
0088.IPHASB_3962	662	03:34	22:09:01.1	+55:09:47	300	0	3.0	#157 IPHAS	2	
0089.COMP	10	03:46	22:09:01.1	+55:09:47	300	0	3.0	#157 IPHAS	2	
0090.IPHASB_3965	420	03:47	22:09:23.0	+55:28:21	300	0	3.0	#157 IPHAS	2	
0091.COMP	10	03:54	22:09:23.0	+55:28:21	300	0	3.0	#157 IPHAS	2	
0092.IPHASB_3963	360	03:55	22:09:12.0	+57:16:20	300	0	3.0	#157 IPHAS	2	
0093.COMP	10	04:01	22:09:12.0	+57:16:20	300	0	3.0	#157 IPHAS	2	
0094.IPHASB_3964	480	04:02	22:09:20.5	+58:25:29	300	0	3.0	#157 IPHAS	2	
0095.COMP	10	04:11	22:09:20.5	+58:25:29	300	0	3.0	#157 IPHAS	2	
0096.IPHASB_4409	240	04:12	23:32:04.2	+59:12:02	300	0	3.0	#157 IPHAS	2	
0097.COMP	10	04:16	23:32:04.2	+59:12:02	300	0	3.0	#157 IPHAS	2	
0098.IPHASB_4410	240	04:17	23:32:07.2	+62:13:21	300	0	3.0	#157 IPHAS	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0099.COMP	10	04:22	23:32:07.2	+62:13:21	300	0	3.0	#157 IPHAS	2	
0100.IPHASB_4411	835	04:23	23:32:13.7	+64:00:17	300	0	3.0	#157 IPHAS	2	
0101.COMP	10	04:37	23:32:13.7	+64:00:17	300	0	3.0	#157 IPHAS	2	
0102.IPHASB_4414	458	04:38	23:32:56.3	+61:31:21	300	0	3.0	#157 IPHAS	2	
0103.COMP	10	04:46	23:32:56.3	+61:31:21	300	0	3.0	#157 IPHAS	2	
0104.IPHASB_4419	850	04:47	23:35:44.2	+63:17:38	300	0	3.0	#157 IPHAS	2	
0105.COMP	10	05:02	23:35:44.2	+63:17:38	300	0	3.0	#157 IPHAS	2	
0106.IPHASB_4418	270	05:03	23:35:14.7	+64:45:13	300	0	3.0	#157 IPHAS	2	
0107.COMP	10	05:08	23:35:14.7	+64:45:13	300	0	3.0	#157 IPHAS	2	
0108.IPHASB_4415	360	05:09	23:32:58.0	+61:45:21	300	0	3.0	#157 IPHAS	2	
0109.COMP	10	05:15	23:32:58.0	+61:45:21	300	0	3.0	#157 IPHAS	2	
0110.IPHASB_4417	300	05:16	23:35:09.5	+58:22:15	300	0	3.0	#157 IPHAS	2	
0111.COMP	10	05:22	23:35:09.5	+58:22:15	300	0	3.0	#157 IPHAS	2	
0112.sn2008g1	1200	05:29	01:20:54.8	+04:48:19	300	0	3.0	#2 SN Observat	2	
0113.COMP	10	05:49	01:20:54.8	+04:48:19	300	0	3.0	#2 SN Observat	2	
0114.sn2008g1	1200	05:50	01:20:54.8	+04:48:19	300	0	3.0	#2 SN Observat	2	
0115.COMP	10	06:10	01:20:54.8	+04:48:19	300	0	3.0	#2 SN Observat	2	
0116.IPHASB_1230	360	06:14	01:21:58.7	+64:28:13	300	0	3.0	#157 IPHAS	2	
0117.COMP	10	06:21	01:21:58.7	+64:28:13	300	0	3.0	#157 IPHAS	2	
0118.IPHASB_1233	480	06:22	01:23:39.5	+63:15:44	300	0	3.0	#157 IPHAS	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0119.COMP	10	06:30	01:23:39.5	+63:15:44	300	0	3.0	#157 IPHAS	2	
0120.IPHASB_1234	540	06:31	01:23:39.8	+63:53:13	300	0	3.0	#157 IPHAS	2	
0121.COMP	10	06:40	01:23:39.8	+63:53:13	300	0	3.0	#157 IPHAS	2	
0122.IPHASB_1236	540	06:41	01:24:05.4	+66:01:00	300	0	3.0	#157 IPHAS	2	
0123.COMP	10	06:51	01:24:05.4	+66:01:00	300	0	3.0	#157 IPHAS	2	
0124.IPHASB_1322	300	06:52	01:55:38.9	+60:01:57	300	0	3.0	#157 IPHAS	2	
0125.COMP	10	06:57	01:55:38.9	+60:01:57	300	0	3.0	#157 IPHAS	2	
0126.IPHASB_1323	330	06:58	01:56:01.3	+63:39:44	300	0	3.0	#157 IPHAS	2	
0127.COMP	10	07:04	01:56:01.3	+63:39:44	300	0	3.0	#157 IPHAS	2	
0128.IPHASB_1325	300	07:05	01:56:13.2	+63:56:24	300	0	3.0	#157 IPHAS	2	
0129.COMP	10	07:10	01:56:13.2	+63:56:24	300	0	3.0	#157 IPHAS	2	
0130.IPHASB_1326	240	07:11	01:56:30.9	+63:03:08	300	0	3.0	#157 IPHAS	2	
0131.COMP	10	07:16	01:56:30.9	+63:03:08	300	0	3.0	#157 IPHAS	2	
0132.IPHASB_1328	210	07:17	01:56:45.8	+63:53:00	300	0	3.0	#157 IPHAS	2	
0133.COMP	10	07:21	01:56:45.8	+63:53:00	300	0	3.0	#157 IPHAS	2	
0134.IPHASB_1329	726	07:22	01:56:50.5	+64:53:41	300	0	3.0	#157 IPHAS	2	
0135.COMP	10	07:34	01:56:50.5	+64:53:41	300	0	3.0	#157 IPHAS	2	
0136.IPHASB_1340	720	07:35	01:59:18.3	+65:49:56	300	0	3.0	#157 IPHAS	2	
0137.COMP	10	07:47	01:59:18.3	+65:49:56	300	0	3.0	#157 IPHAS	2	
0138.IPHASB_1341	720	07:48	01:59:22.5	+63:58:29	300	0	3.0	#157 IPHAS	2	

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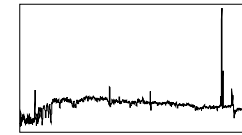
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0139.COMP	10	08:00	01:59:22.5	+63:58:29	300	0	3.0	#157 IPHAS	2	
0140.pg0237p242	1200	08:10	02:40:28.4	+24:22:11	600	90	1.5	#182 Runaway B	4	600-line, 1.5-sec, Warren
0141.COMP	10	08:31	02:40:28.4	+24:22:11	600	90	1.5	#182 Runaway B	4	
0142.pg0237p242	1200	08:31	02:40:28.4	+24:22:11	600	90	1.5	#182 Runaway B	4	
0143.COMP	10	08:52	02:40:28.4	+24:22:11	600	90	1.5	#182 Runaway B	4	
0144-0153.FLAT	15	08:56	02:40:28.4	+24:22:11	600	90	1.5	#182 Runaway B	4	
0154-0155.BIAS	0	08:57	05:00:00.0	+30:00:00	600	90	1.5	#182 Runaway B	4	
0159.IPHASB_1327	600	09:01	01:56:44.7	+65:36:41	300	90	3.0	#157 IPHAS	2	300-line, 3-sec, combo
0160.COMP	10	09:12	01:56:44.7	+65:36:41	300	90	3.0	#157 IPHAS	2	
0161.IPHASB_1342	210	09:13	01:59:39.0	+64:36:15	300	90	3.0	#157 IPHAS	2	
0162.COMP	10	09:17	01:59:39.0	+64:36:15	300	90	3.0	#157 IPHAS	2	
0163.IPHASB_1343	420	09:18	01:59:45.3	+63:03:15	300	90	3.0	#157 IPHAS	2	
0164.COMP	10	09:25	01:59:45.3	+63:03:15	300	90	3.0	#157 IPHAS	2	
0165.IPHASB_1337	420	09:26	01:58:09.0	+61:58:14	300	90	3.0	#157 IPHAS	2	
0166.COMP	10	09:34	01:58:09.0	+61:58:14	300	90	3.0	#157 IPHAS	2	
0167.IPHASB_1335	420	09:35	01:57:41.3	+60:53:14	300	90	3.0	#157 IPHAS	2	
0168.COMP	10	09:42	01:57:41.3	+60:53:14	300	90	3.0	#157 IPHAS	2	
0169.IPHASB_1331	210	09:43	01:57:16.6	+57:52:06	300	90	3.0	#157 IPHAS	2	
0170.COMP	10	09:47	01:57:16.6	+57:52:06	300	90	3.0	#157 IPHAS	2	
0171.02550435+4716488	660	09:48	02:55:04.3	+47:16:49	300	90	3.0	#141 Mapping t	2	em

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0172.COMP	10	09:59	02:55:04.3	+47:16:49	300	90	3.0	#141 Mapping t	2	
0173.02555632+3918282	360	10:01	02:55:56.3	+39:18:28	300	90	3.0	#141 Mapping t	2	
0174.COMP	10	10:07	02:55:56.3	+39:18:28	300	90	3.0	#141 Mapping t	2	
0175.02554076+3604458	360	10:08	02:55:40.8	+36:04:46	300	90	3.0	#141 Mapping t	2	fainter star in slit to west
0176.COMP	10	10:14	02:55:40.8	+36:04:46	300	90	3.0	#141 Mapping t	2	
0177.02554849+3640491	540	10:15	02:55:48.5	+36:40:49	300	90	3.0	#141 Mapping t	2	
0178.COMP	10	10:25	02:55:48.5	+36:40:49	300	90	3.0	#141 Mapping t	2	
0179.02563786+2210087	540	10:26	02:56:37.9	+22:10:09	300	90	3.0	#141 Mapping t	2	
0180.COMP	10	10:35	02:56:37.9	+22:10:09	300	90	3.0	#141 Mapping t	2	
0181.04304294+0247481	540	10:37	04:30:42.9	+02:47:48	300	90	3.0	#141 Mapping t	2	
0182.COMP	10	10:46	04:30:42.9	+02:47:48	300	90	3.0	#141 Mapping t	2	
0183.04323863+0244402	540	10:47	04:32:38.6	+02:44:40	300	90	3.0	#141 Mapping t	2	
0184.COMP	10	10:56	04:32:38.6	+02:44:40	300	90	3.0	#141 Mapping t	2	
0185.05045447+0135477	480	10:57	05:04:54.5	+01:35:48	300	90	3.0	#141 Mapping t	2	
0186.COMP	10	11:05	05:04:54.5	+01:35:48	300	90	3.0	#141 Mapping t	2	
0187.04594407+0519427	480	11:06	04:59:44.1	+05:19:43	300	80	3.0	#141 Mapping t	2	
0188.COMP	10	11:15	04:59:44.1	+05:19:43	300	80	3.0	#141 Mapping t	2	
0189.04544430+1217598	720	11:16	04:54:44.3	+12:18:00	300	90	3.0	#141 Mapping t	2	
0190.COMP	10	11:28	04:54:44.3	+12:18:00	300	90	3.0	#141 Mapping t	2	
0191.03523499+1352363	720	11:30	03:52:35.0	+13:52:36	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
0192.COMP	10	11:42	03:52:35.0	+13:52:36	300	90	3.0	#141 Mapping t	2	
0193.03532908+1144463	720	11:43	03:53:29.1	+11:44:46	300	90	3.0	#141 Mapping t	2	
0194.COMP	10	11:55	03:53:29.1	+11:44:46	300	90	3.0	#141 Mapping t	2	
0195.SS129	150	12:00	07:32:45.0	-26:49:16	300	0	3.0	#12 Symbiotic	2	
0196.SS129	300	12:03	07:32:45.0	-26:49:16	300	0	3.0	#12 Symbiotic	2	
0197.COMP	10	12:08	07:32:45.0	-26:49:16	300	0	3.0	#12 Symbiotic	2	
0198.06400358-2043310	900	12:09	06:40:03.6	-20:43:31	300	0	3.0	#141 Mapping t	2	
0199.COMP	10	12:25	06:40:03.6	-20:43:31	300	0	3.0	#141 Mapping t	2	
0200.Feige34	210	12:28	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0201.Feige34	210	12:32	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0202.COMP	10	12:36	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0203.N3227	210	12:38	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0204.N3227	210	12:41	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0205.COMP	10	12:45	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0206.N3226	151	12:46	10:23:27.0	+19:53:55	300	90	3.0	#185 NGC3227 M	2	
0207.COMP	10	12:49	10:23:27.0	+19:53:55	300	90	3.0	#185 NGC3227 M	2	
0208-0217.BIAS	0	12:53	10:23:27.0	+19:53:55	300	90	3.0	#182 Runaway B	2	
0218-0232.FLAT	7	12:59	10:23:27.0	+19:53:55	300	90	3.0	#182 Runaway B	2	
0233-0237.DARK	900	14:10	10:23:27.0	+19:53:55	300	90	3.0	#182 Runaway B	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	23:47	10:23:27.0	+19:53:55	300	90	3.0	#182 Runaway B	2	
0006-0020.BIAS	0	00:23	10:23:27.0	+19:53:55	300	90	3.0	#182 Runaway B	2	
0021-0035.FLAT	7	00:29	10:23:27.0	+19:53:55	300	90	3.0	#182 Runaway B	2	
0036-0040.sky	3	00:44	20:15:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0041.COMP	10	00:45	20:15:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0042.BFCyg	20	01:29	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	clouds forming overhead
0043.BFCyg	20	01:30	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0044.COMP	10	01:30	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0045.CICyg	4	01:32	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0046.CICyg	15	01:32	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0047.CICyg	2	01:32	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0048.COMP	10	01:33	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0049.S4240.50+4242	90	01:34	20:42:40.5	+42:42:09	300	90	3.0	#183 Young Sta	2	
0050.S4248.31+4244	146	01:36	20:42:48.3	+42:44:32	300	90	3.0	#183 Young Sta	2	
0051.S4255.13+4208	122	01:39	20:42:55.1	+42:08:43	300	90	3.0	#183 Young Sta	2	
0052.S4256.02+4307	120	01:42	20:42:56.0	+43:07:47	300	90	3.0	#183 Young Sta	2	good
0053.COMP	10	01:44	20:42:56.0	+43:07:47	300	90	3.0	#183 Young Sta	2	
0054.S4307.43+4201	150	01:46	20:43:07.4	+42:01:51	300	90	3.0	#183 Young Sta	2	
0055.S4313.56+4222	120	01:49	20:43:13.6	+42:22:47	300	90	3.0	#183 Young Sta	2	
0056.S4338.22+4206	120	01:52	20:43:38.2	+42:06:54	300	90	3.0	#183 Young Sta	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0057.S4352.45+4217	120	01:54	20:43:52.5	+42:17:06	300	90	3.0	#183 Young Sta	2	
0058.COMP	10	01:57	20:43:52.5	+42:17:06	300	90	3.0	#183 Young Sta	2	stop and go
0059.S4358.00+4221	100	01:57	20:43:58.0	+42:21:38	300	90	3.0	#183 Young Sta	2	
0060.S4409.71+4247	100	01:59	20:44:09.7	+42:47:47	300	90	3.0	#183 Young Sta	2	
0061.S4424.10+4226	90	02:02	20:44:24.1	+42:26:05	300	90	3.0	#183 Young Sta	2	
0062.S4443.44+4245	90	02:04	20:44:43.4	+42:45:09	300	90	3.0	#183 Young Sta	2	
0063.COMP	10	02:05	20:44:43.4	+42:45:09	300	90	3.0	#183 Young Sta	2	
0064.S4459.60+4241	100	02:06	20:44:59.6	+42:41:56	300	90	3.0	#183 Young Sta	2	
0065.S4537.76+4210	150	02:08	20:45:37.8	+42:10:27	300	90	3.0	#183 Young Sta	2	
0066.S4256.02+4307	180	02:12	20:42:56.0	+43:07:47	300	90	3.0	#183 Young Sta	2	better
0067.COMP	10	02:15	20:42:56.0	+43:07:47	300	90	3.0	#183 Young Sta	2	
0068.BDp284211	150	02:17	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0069.BDp284211	150	02:20	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0070.COMP	10	02:22	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0071.BDp174708	60	02:28	22:11:31.4	+18:05:34	300	0	3.0	#56 Spectropho	2	
0072.BDp174708	60	02:34	22:11:31.4	+18:05:34	300	0	3.0	#56 Spectropho	2	stopped by clouds
0073.COMP	10	02:35	22:11:31.4	+18:05:34	300	0	3.0	#56 Spectropho	2	
0074.BDp174708	45	02:56	22:11:31.4	+18:05:34	300	0	3.0	#56 Spectropho	2	
0075.BDp174708	45	02:57	22:11:31.4	+18:05:34	300	0	3.0	#56 Spectropho	2	
0076.COMP	10	02:58	22:11:31.4	+18:05:34	300	0	3.0	#56 Spectropho	2	

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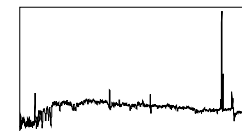
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0077.IPHASB_3966	604	03:00	22:09:30.6	+59:08:52	300	0	3.0	#157 IPHAS	2	
0078.COMP	10	03:11	22:09:30.6	+59:08:52	300	0	3.0	#157 IPHAS	2	
0079.IPHASB_3969	780	03:12	22:09:50.1	+60:22:34	300	0	3.0	#157 IPHAS	2	pec bl
0080.COMP	10	03:25	22:09:50.1	+60:22:34	300	0	3.0	#157 IPHAS	2	
0081.IPHASB_3970	900	03:26	22:09:51.7	+57:04:53	300	0	3.0	#157 IPHAS	2	
0082.COMP	10	03:42	22:09:51.7	+57:04:53	300	0	3.0	#157 IPHAS	2	
0083.IPHASB_3971	240	03:43	22:09:52.9	+59:15:59	300	0	3.0	#157 IPHAS	2	
0084.COMP	10	03:47	22:09:52.9	+59:15:59	300	0	3.0	#157 IPHAS	2	
0085.IPHASB_3972	600	03:48	22:09:57.2	+55:44:48	300	0	3.0	#157 IPHAS	2	
0086.COMP	10	03:58	22:09:57.2	+55:44:48	300	0	3.0	#157 IPHAS	2	
0087.IPHASB_3976	349	03:59	22:10:20.1	+58:33:33	300	0	3.0	#157 IPHAS	2	
0088.COMP	10	04:05	22:10:20.1	+58:33:33	300	0	3.0	#157 IPHAS	2	
0089.N7469	120	04:12	23:03:15.7	+08:52:27	300	0	3.0	#6 AGN Monitor	2	
0090.N7469	120	04:14	23:03:15.7	+08:52:27	300	0	3.0	#6 AGN Monitor	2	
0091.COMP	10	04:17	23:03:15.7	+08:52:27	300	0	3.0	#6 AGN Monitor	2	
0092.RAqr	2	04:18	23:43:49.0	-15:17:05	300	0	3.0	#12 Symbiotic	2	
0093.RAqr	1	04:18	23:43:49.0	-15:17:05	300	0	3.0	#12 Symbiotic	2	
0094.RAqr	5	04:19	23:43:49.0	-15:17:05	300	0	3.0	#12 Symbiotic	2	
0095.COMP	10	04:19	23:43:49.0	-15:17:05	300	0	3.0	#12 Symbiotic	2	
0096.ZAnd	3	04:22	23:33:40.0	+48:49:06	300	0	3.0	#12 Symbiotic	2	

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0097.ZAnd	10	04:22	23:33:40.0	+48:49:06	300	0	3.0	#12 Symbiotic	2	
0098.ZAnd	30	04:23	23:33:40.0	+48:49:06	300	0	3.0	#12 Symbiotic	2	
0099.COMP	10	04:23	23:33:40.0	+48:49:06	300	0	3.0	#12 Symbiotic	2	
0100.IPHASB_4103	240	04:26	22:25:13.2	+58:06:38	300	0	3.0	#157 IPHAS	2	
0101.COMP	10	04:30	22:25:13.2	+58:06:38	300	0	3.0	#157 IPHAS	2	
0102.IPHASB_4105	240	04:31	22:25:23.0	+57:55:47	300	0	3.0	#157 IPHAS	2	
0103.COMP	10	04:35	22:25:23.0	+57:55:47	300	0	3.0	#157 IPHAS	2	
0104.IPHASB_4108	210	04:36	22:25:54.2	+57:48:13	300	0	3.0	#157 IPHAS	2	
0105.COMP	10	04:40	22:25:54.2	+57:48:13	300	0	3.0	#157 IPHAS	2	
0106.IPHASB_4110	180	04:40	22:26:05.3	+58:44:11	300	0	3.0	#157 IPHAS	2	
0107.COMP	10	04:44	22:26:05.3	+58:44:11	300	0	3.0	#157 IPHAS	2	
0108.IPHASB_4111	240	04:45	22:26:18.9	+59:47:48	300	0	3.0	#157 IPHAS	2	
0109.COMP	10	04:49	22:26:18.9	+59:47:48	300	0	3.0	#157 IPHAS	2	
0110.IPHASB_4113	180	04:50	22:27:00.8	+59:26:39	300	0	3.0	#157 IPHAS	2	
0111.COMP	10	04:53	22:27:00.8	+59:26:39	300	0	3.0	#157 IPHAS	2	
0112.IPHASB_4114	210	04:54	22:27:06.1	+56:02:02	300	0	3.0	#157 IPHAS	2	
0113.COMP	10	04:58	22:27:06.1	+56:02:02	300	0	3.0	#157 IPHAS	2	
0114.IPHASB_4116	540	04:59	22:27:22.9	+57:20:40	300	0	3.0	#157 IPHAS	2	
0115.COMP	10	05:08	22:27:22.9	+57:20:40	300	0	3.0	#157 IPHAS	2	
0116.IPHASB_4119	240	05:09	22:27:43.7	+59:11:32	300	0	3.0	#157 IPHAS	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0117.COMP	10	05:14	22:27:43.7	+59:11:32	300	0	3.0	#157 IPHAS	2	
0118.IPHASB_4369	210	05:15	23:20:03.3	+57:17:37	300	0	3.0	#157 IPHAS	2	
0119.COMP	10	05:18	23:20:03.3	+57:17:37	300	0	3.0	#157 IPHAS	2	
0120.IPHASB_4372	210	05:19	23:20:21.0	+57:22:37	300	0	3.0	#157 IPHAS	2	
0121.COMP	10	05:23	23:20:21.0	+57:22:37	300	0	3.0	#157 IPHAS	2	
0122.IPHASB_4373	210	05:24	23:20:55.9	+63:11:54	300	0	3.0	#157 IPHAS	2	
0123.COMP	10	05:28	23:20:55.9	+63:11:54	300	0	3.0	#157 IPHAS	2	
0124.IPHASB_4374	210	05:29	23:21:22.7	+62:25:59	300	0	3.0	#157 IPHAS	2	MMT in fog
0125.COMP	10	05:33	23:21:22.7	+62:25:59	300	0	3.0	#157 IPHAS	2	
0126.IPHASB_4375	180	05:34	23:21:29.0	+57:23:50	300	0	3.0	#157 IPHAS	2	
0127.COMP	10	05:37	23:21:29.0	+57:23:50	300	0	3.0	#157 IPHAS	2	
0128.IPHASB_4376	420	05:38	23:21:40.2	+59:19:17	300	0	3.0	#157 IPHAS	2	
0129.COMP	10	05:45	23:21:40.2	+59:19:17	300	0	3.0	#157 IPHAS	2	
0130.IPHASB_4377	180	05:47	23:21:48.0	+57:33:01	300	0	3.0	#157 IPHAS	2	
0131.COMP	10	05:50	23:21:48.0	+57:33:01	300	0	3.0	#157 IPHAS	2	
0132.IPHASB_4380	210	05:51	23:22:53.2	+62:05:10	300	0	3.0	#157 IPHAS	2	
0133.COMP	10	05:55	23:22:53.2	+62:05:10	300	0	3.0	#157 IPHAS	2	
0134.IPHASB_4381	420	05:56	23:23:16.2	+61:25:30	300	0	3.0	#157 IPHAS	2	
0135.COMP	10	06:03	23:23:16.2	+61:25:30	300	0	3.0	#157 IPHAS	2	
0136.IPHASB_4381	480	06:04	23:23:16.2	+61:25:30	300	0	3.0	#157 IPHAS	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0137.COMP	10	06:12	23:23:16.2	+61:25:30	300	0	3.0	#157 IPHAS	2	
0138.IPHASB_4382	300	06:13	23:23:18.7	+61:08:48	300	0	3.0	#157 IPHAS	2	
0139.COMP	10	06:19	23:23:18.7	+61:08:48	300	0	3.0	#157 IPHAS	2	
0140.IPHASB_4383	510	06:21	23:23:19.7	+63:42:59	300	0	3.0	#157 IPHAS	2	close, fog
0141.COMP	10	06:30	23:23:19.7	+63:42:59	300	0	3.0	#157 IPHAS	2	
0142-0146.DARK	900	09:02	23:23:19.7	+63:42:59	300	90	3.0	#157 IPHAS	2	
0147.IPHASB_1507	300	10:14	02:41:32.6	+55:02:36	300	90	3.0	#157 IPHAS	2	
0148.COMP	10	10:20	02:41:32.6	+55:02:36	300	90	3.0	#157 IPHAS	2	
0149.IPHASB_1509	600	10:22	02:41:59.2	+60:01:06	300	90	3.0	#157 IPHAS	2	
0150.COMP	10	10:32	02:41:59.2	+60:01:06	300	90	3.0	#157 IPHAS	2	
0151.IPHASB_1510	1200	10:33	02:42:52.6	+61:19:54	300	90	3.0	#157 IPHAS	2	
0152.COMP	10	10:54	02:42:52.6	+61:19:54	300	90	3.0	#157 IPHAS	2	
0153.IPHASB_1514	600	10:54	02:43:32.1	+63:21:50	300	90	3.0	#157 IPHAS	2	
0154.COMP	10	11:05	02:43:32.1	+63:21:50	300	90	3.0	#157 IPHAS	2	
0155.03171816+3813062	890	11:07	03:17:18.2	+38:13:06	300	90	3.0	#141 Mapping t	2	
0156.COMP	10	11:22	03:17:18.2	+38:13:06	300	90	3.0	#141 Mapping t	2	
0157.03171778+3813154	600	11:27	03:56:31.5	+18:17:11	300	90	3.0	#141 Mapping t	2	03171778+3813154
0158.COMP	10	11:37	03:56:31.5	+18:17:11	300	90	3.0	#141 Mapping t	2	
0159.03550453+1702320	757	11:38	03:55:04.5	+17:02:32	300	90	3.0	#141 Mapping t	2	
0160.COMP	10	11:52	03:55:04.5	+17:02:32	300	90	3.0	#141 Mapping t	2	

UT Date 2008-11-04 Observers P BerlindColl. Focus 1350 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0161.03554190+1425023	900	11:53	03:55:41.9	+14:25:02	300	90	3.0	#141 Mapping t	2	
0162.COMP	10	12:09	03:55:41.9	+14:25:02	300	90	3.0	#141 Mapping t	2	
0163.05272030+7751335	480	12:11	05:27:20.3	+77:51:33	300	90	3.0	#141 Mapping t	2	
0164.COMP	10	12:20	05:27:20.3	+77:51:33	300	90	3.0	#141 Mapping t	2	
0165.Feige34	210	12:24	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0166.Feige34	210	12:28	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0167.COMP	10	12:31	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0168.N3227	210	12:33	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0169.N3227	210	12:36	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0170.COMP	10	12:40	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0171.N3226	210	12:41	10:23:27.0	+19:53:55	300	90	3.0	#185 NGC3227 M	2	
0172.COMP	10	12:45	10:23:27.0	+19:53:55	300	90	3.0	#185 NGC3227 M	2	
0173-0182.BIAS	0	12:48	10:23:27.0	+19:53:55	300	90	3.0	#157 IPHAS	2	
0183-0197.FLAT	7	12:54	10:23:27.0	+19:53:55	300	90	3.0	#157 IPHAS	2	
0198-0202.DARK	900	14:05	10:23:27.0	+19:53:55	300	90	3.0	#157 IPHAS	2	

UT Date 2008-11-05 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	01:53	21:25:02.1	+31:28:02	300	90	3.0	#157 IPHAS	2	
0011-0030.FLAT	7	02:00	21:25:02.1	+31:28:02	300	90	3.0	#157 IPHAS	2	
0031.BDp284211	120	02:19	21:51:11.0	+28:51:50	300	0	3.0	#56 Spectropho	2	
0032.COMP	10	02:22	21:51:11.0	+28:51:50	300	0	3.0	#56 Spectropho	2	
0033.BDp174708	35	02:24	22:11:31.4	+18:05:34	300	-12	3.0	#56 Spectropho	2	
0034.BDp174708	35	02:25	22:11:31.4	+18:05:34	300	-12	3.0	#56 Spectropho	2	
0035.BDp174708	35	02:26	22:11:31.4	+18:05:34	300	-12	3.0	#56 Spectropho	2	
0036.COMP	10	02:27	22:11:31.4	+18:05:34	300	-12	3.0	#56 Spectropho	2	
0037.IPHASB_3977	1200	03:33	22:10:20.1	+60:41:35	300	70	3.0	#157 IPHAS	2	
0038.COMP	10	03:56	22:10:20.1	+60:41:35	300	70	3.0	#157 IPHAS	2	
0039.02150835+3556407	1200	07:20	02:15:08.3	+35:56:41	300	90	3.0	#141 Mapping t	2	
0040.COMP	10	07:41	02:15:08.3	+35:56:41	300	90	3.0	#141 Mapping t	2	
0041.3C66A	300	07:43	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0042.3C66A	300	07:48	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0043.COMP	10	07:53	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0044.02152103+4950391	600	07:55	02:15:21.0	+49:50:39	300	90	3.0	#141 Mapping t	2	need more cnts
0045.COMP	10	08:06	02:15:21.0	+49:50:39	300	90	3.0	#141 Mapping t	2	
0046.02152103+4950391	900	08:19	02:15:21.0	+49:50:39	300	90	3.0	#141 Mapping t	2	row=88
0047.COMP	10	08:34	02:15:21.0	+49:50:39	300	90	3.0	#141 Mapping t	2	
0048.sn2008gw	1800	08:42	04:39:26.2	+09:08:32	300	-14	3.0	#2 SN Observat	2	row=84

UT Date 2008-11-05 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0049.COMP	10	09:13	04:39:26.2	+09:08:32	300	-14	3.0	#2 SN Observat	2	
0050.03193515+0445438	480	09:17	03:19:35.2	+04:45:44	300	90	3.0	#141 Mapping t	2	
0051.COMP	10	09:25	03:19:35.2	+04:45:44	300	90	3.0	#141 Mapping t	2	
0052.03200796+0955487	900	09:27	03:20:08.0	+09:55:49	300	90	3.0	#141 Mapping t	2	
0053.COMP	10	09:43	03:20:08.0	+09:55:49	300	90	3.0	#141 Mapping t	2	
0054.03202707+3557138	1020	09:44	03:20:27.1	+35:57:14	300	90	3.0	#141 Mapping t	2	
0055.COMP	10	10:02	03:20:27.1	+35:57:14	300	90	3.0	#141 Mapping t	2	
0056.03203280+7955198	1200	10:05	03:20:32.8	+79:55:20	300	90	3.0	#141 Mapping t	2	
0057.COMP	10	10:26	03:20:32.8	+79:55:20	300	90	3.0	#141 Mapping t	2	
0058.03204016+2727485	480	10:28	03:20:40.2	+27:27:49	300	90	3.0	#141 Mapping t	2	
0059.COMP	10	10:37	03:20:40.2	+27:27:49	300	90	3.0	#141 Mapping t	2	
0060.03203605+0801317	900	10:38	03:20:36.0	+08:01:32	300	100	3.0	#141 Mapping t	2	
0061.COMP	10	10:54	03:20:36.0	+08:01:32	300	100	3.0	#141 Mapping t	2	
0062.03204378+1003110	1020	10:55	03:20:43.8	+10:03:11	300	90	3.0	#141 Mapping t	2	
0063.COMP	10	11:13	03:20:43.8	+10:03:11	300	90	3.0	#141 Mapping t	2	
0064.03210025+4208327	300	11:15	03:21:00.2	+42:08:33	300	90	3.0	#141 Mapping t	2	
0065.COMP	10	11:24	03:21:00.2	+42:08:33	300	90	3.0	#141 Mapping t	2	
0066.03211830+4037379	540	11:25	03:21:18.3	+40:37:38	300	90	3.0	#141 Mapping t	2	
0067.COMP	10	11:35	03:21:18.3	+40:37:38	300	90	3.0	#141 Mapping t	2	
0068.03213424+4043200	300	11:37	03:21:34.2	+40:43:20	300	90	3.0	#141 Mapping t	2	

UT Date 2008-11-05 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0069.COMP	10	11:43	03:21:34.2	+40:43:20	300	90	3.0	#141 Mapping t	2	
0070.03225839+2452076	600	11:45	03:22:58.4	+24:52:08	300	90	3.0	#141 Mapping t	2	
0071.COMP	10	11:55	03:22:58.4	+24:52:08	300	90	3.0	#141 Mapping t	2	
0072.03233759+0918587	780	11:57	03:23:37.6	+09:18:59	300	90	3.0	#141 Mapping t	2	
0073.COMP	10	12:10	03:23:37.6	+09:18:59	300	90	3.0	#141 Mapping t	2	
0074.03240921+0154152	1200	12:12	03:24:09.2	+01:54:15	300	90	3.0	#141 Mapping t	2	
0075.COMP	10	12:33	03:24:09.2	+01:54:15	300	90	3.0	#141 Mapping t	2	
0076.N3227	240	12:35	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0077.N3227	240	12:39	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0078.COMP	10	12:44	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0079.Feige34	120	12:47	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0080.COMP	10	12:50	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0081-0090.BIAS	0	13:07	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0091-0110.FLAT	7	13:13	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0111-0120.DARK	900	15:34	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	

UT Date 2008-11-06 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0008.DARK	900	00:57	14:00:00.0	-25:00:00	300	90	3.0	#56 Spectropho	2	
0009-0018.BIAS	0	01:15	14:00:00.0	-25:00:00	300	90	3.0	#56 Spectropho	2	
0019-0038.FLAT	7	01:23	14:00:00.0	-25:00:00	300	90	3.0	#56 Spectropho	2	
0039.BDp284211	150	01:29	21:51:11.0	+28:51:50	300	110	3.0	#56 Spectropho	2	
0040.COMP	10	01:32	21:51:11.0	+28:51:50	300	110	3.0	#56 Spectropho	2	
0041.BDp284211	110	01:33	21:51:11.0	+28:51:50	300	110	3.0	#56 Spectropho	2	
0042.COMP	10	01:35	21:51:11.0	+28:51:50	300	110	3.0	#56 Spectropho	2	
0043.BDp174708	25	01:39	22:11:31.4	+18:05:34	300	-40	3.0	#56 Spectropho	2	
0044.BDp174708	25	01:39	22:11:31.4	+18:05:34	300	-40	3.0	#56 Spectropho	2	
0045.BDp174708	25	01:40	22:11:31.4	+18:05:34	300	-40	3.0	#56 Spectropho	2	
0046.COMP	10	01:41	22:11:31.4	+18:05:34	300	-40	3.0	#56 Spectropho	2	
0047.3C390.3	300	01:45	18:42:09.0	+79:46:17	300	90	3.0	#6 AGN Monitor	2	
0048.3C390.3	300	01:50	18:42:09.0	+79:46:17	300	90	3.0	#6 AGN Monitor	2	
0049.COMP	10	01:56	18:42:09.0	+79:46:17	300	90	3.0	#6 AGN Monitor	2	
0050.DracoC1	1200	02:01	17:19:58.0	+57:50:06	300	90	3.0	#12 Symbiotic	2	
0051.COMP	10	02:22	17:19:58.0	+57:50:06	300	90	3.0	#12 Symbiotic	2	
0052.RSOph	10	02:24	17:50:13.0	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0053.RSOph	60	02:25	17:50:13.0	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0054.COMP	10	02:26	17:50:13.0	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0055.AS296	30	02:28	18:15:07.0	-00:18:52	300	90	3.0	#12 Symbiotic	2	

UT Date 2008-11-06 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0056.AS296	120	02:29	18:15:07.0	-00:18:52	300	90	3.0	#12 Symbiotic	2	
0057.COMP	10	02:31	18:15:07.0	-00:18:52	300	90	3.0	#12 Symbiotic	2	
0058.V443Her	5	02:33	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0059.V443Her	45	02:33	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0060.V443Her	90	02:35	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0061.COMP	10	02:37	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0062.AS338	90	02:38	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0063.AS338	600	02:40	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0064.COMP	10	02:51	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0065.BFCyg	15	02:52	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0066.BFCyg	15	02:53	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0067.COMP	10	02:54	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0068.CHCyg	5	02:58	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0069.CHCyg	1	02:59	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0070.CHCyg	15	03:00	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0071.COMP	10	03:00	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0072.AS360	60	03:09	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0073.AS360	300	03:11	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0074.COMP	10	03:16	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0075.CICyg	4	03:19	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	

UT Date 2008-11-06 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0076.CICyg	15	03:20	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0077.COMP	10	03:21	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0078.1ES1959p650	300	03:24	19:59:59.8	+65:08:55	300	90	3.0	#6 AGN Monitor	2	
0079.1ES1959p650	300	03:29	19:59:59.8	+65:08:55	300	90	3.0	#6 AGN Monitor	2	
0080.COMP	10	03:37	19:59:59.8	+65:08:55	300	90	3.0	#6 AGN Monitor	2	
0081.BLLac	180	03:46	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	
0082.BLLac	180	03:49	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	
0083.COMP	10	03:53	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	
0084.N7469	120	04:01	23:03:15.7	+08:52:27	300	75	3.0	#6 AGN Monitor	2	
0085.N7469	120	04:03	23:03:15.7	+08:52:27	300	75	3.0	#6 AGN Monitor	2	
0086.COMP	10	04:06	23:03:15.7	+08:52:27	300	75	3.0	#6 AGN Monitor	2	
0087.1ES2344p514	300	04:09	23:47:04.6	+51:42:18	300	90	3.0	#6 AGN Monitor	2	
0088.1ES2344p514	300	04:14	23:47:04.6	+51:42:18	300	90	3.0	#6 AGN Monitor	2	
0089.COMP	10	04:19	23:47:04.6	+51:42:18	300	90	3.0	#6 AGN Monitor	2	
0090.PUVul	1	04:21	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0091.PUVul	10	04:22	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0092.PUVul	60	04:22	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0093.COMP	10	04:24	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0094.ZAnd	1	04:26	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0095.ZAnd	5	04:26	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	

UT Date 2008-11-06 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0096.ZAnd	30	04:27	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0097.COMP	10	04:28	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0098.RAqr	1	04:33	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0099.RAqr	5	04:33	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0100.RAqr	0	04:33	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0101.RAqr	10	04:33	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0102.COMP	10	04:34	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0103.EGAnd	1	04:38	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0104.EGAnd	5	04:39	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0105.EGAnd	10	04:39	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0106.COMP	10	04:40	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0107.IPHASB_3984	900	04:42	22:11:28.9	+58:31:56	300	90	3.0	#157 IPHAS	2	
0108.COMP	10	04:57	22:11:28.9	+58:31:56	300	90	3.0	#157 IPHAS	2	
0109.IPHASB_3985	180	04:59	22:11:35.7	+60:03:11	300	90	3.0	#157 IPHAS	2	
0110.COMP	10	05:05	22:11:35.7	+60:03:11	300	90	3.0	#157 IPHAS	2	
0111.IPHASB_3987	420	05:06	22:11:42.3	+57:58:46	300	90	3.0	#157 IPHAS	2	
0112.COMP	10	05:17	22:11:42.3	+57:58:46	300	90	3.0	#157 IPHAS	2	
0113.IPHASB_3990	960	05:19	22:11:46.9	+60:35:49	300	90	3.0	#157 IPHAS	2	
0114.COMP	10	05:35	22:11:46.9	+60:35:49	300	90	3.0	#157 IPHAS	2	
0115.IPHASB_3991	180	05:37	22:11:50.9	+56:40:20	300	90	3.0	#157 IPHAS	2	

UT Date 2008-11-06 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

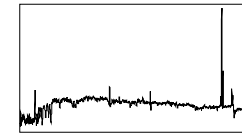
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0116.COMP	10	05:40	22:11:50.9	+56:40:20	300	90	3.0	#157 IPHAS	2	
0117.IPHASB_3992	120	05:42	22:11:59.0	+53:32:36	300	90	3.0	#157 IPHAS	2	
0118.COMP	10	05:45	22:11:59.0	+53:32:36	300	90	3.0	#157 IPHAS	2	
0119.IPHASB_3993	1080	05:47	22:12:04.9	+57:42:15	300	80	3.0	#157 IPHAS	2	
0120.COMP	10	06:06	22:12:04.9	+57:42:15	300	80	3.0	#157 IPHAS	2	
0121.sn2008g1	1800	06:10	01:20:54.8	+04:48:19	300	12	3.0	#2 SN Observat	2	
0122.sn2008g1	1800	06:40	01:20:54.8	+04:48:19	300	12	3.0	#2 SN Observat	2	
0123.COMP	10	07:11	01:20:54.8	+04:48:19	300	12	3.0	#2 SN Observat	2	
0124.3C66A	240	07:14	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0125.3C66A	240	07:18	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0126.COMP	10	07:23	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0127.pg0237p242	1800	07:29	02:40:28.4	+24:22:11	600	90	1.5	#182 Runaway B	4	
0128.pg0237p242	1800	08:00	02:40:28.4	+24:22:11	600	90	1.5	#182 Runaway B	4	
0129.COMP	10	08:30	02:40:28.4	+24:22:11	600	90	1.5	#182 Runaway B	4	
0130-0139.BIAS	0	08:33	02:40:28.4	+24:22:11	600	90	1.5	#182 Runaway B	4	
0140-0149.FLAT	15	08:37	02:40:28.4	+24:22:11	600	90	1.5	#182 Runaway B	4	
0150.IFS029	1800	08:48	02:18:49.4	+62:21:39	300	90	3.0	#186 IPHAS AGB	2	row=85, VERY RED!
0151.COMP	10	09:19	02:18:49.4	+62:21:39	300	90	3.0	#186 IPHAS AGB	2	
0152.GITau	240	09:24	04:33:34.0	+24:21:18	300	90	3.0	#12 Symbiotic	2	
0153.COMP	10	09:28	04:33:34.0	+24:21:18	300	90	3.0	#12 Symbiotic	2	

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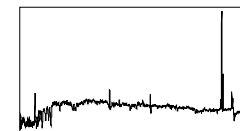
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0154.GKTau	240	09:29	04:33:34.5	+24:21:07	300	90	3.0	#12 Symbiotic	2	
0155.COMP	10	09:34	04:33:34.5	+24:21:07	300	90	3.0	#12 Symbiotic	2	
0156.A00235+16	1200	09:37	02:38:38.9	+16:36:59	300	90	3.0	#6 AGN Monitor	2	
0157.COMP	10	09:58	02:38:38.9	+16:36:59	300	90	3.0	#6 AGN Monitor	2	
0158.LSIp61303	30	10:00	02:40:31.6	+61:13:46	300	90	3.0	#6 AGN Monitor	2	
0159.LSIp61303	30	10:01	02:40:31.6	+61:13:46	300	90	3.0	#6 AGN Monitor	2	
0160.COMP	10	10:02	02:40:31.6	+61:13:46	300	90	3.0	#6 AGN Monitor	2	
0161.BGGem	300	10:04	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0162.COMP	10	10:10	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0163.03253182+4042082	300	10:11	03:25:31.8	+40:42:08	300	90	3.0	#141 Mapping t	2	
0164.COMP	10	10:17	03:25:31.8	+40:42:08	300	90	3.0	#141 Mapping t	2	
0165.03261613+0652405	480	10:19	03:26:16.1	+06:52:40	300	70	3.0	#141 Mapping t	2	
0166.COMP	10	10:29	03:26:16.1	+06:52:40	300	70	3.0	#141 Mapping t	2	
0167.03263267+3710353	1080	10:31	03:26:32.7	+37:10:35	300	70	3.0	#141 Mapping t	2	
0168.COMP	10	10:49	03:26:32.7	+37:10:35	300	70	3.0	#141 Mapping t	2	
0169.03274840+3850197	360	10:51	03:27:48.4	+38:50:20	300	89	3.0	#141 Mapping t	2	
0170.COMP	10	10:57	03:27:48.4	+38:50:20	300	89	3.0	#141 Mapping t	2	
0171.03274858+3234301	900	11:01	03:27:48.6	+32:34:30	300	100	3.0	#141 Mapping t	2	
0172.COMP	10	11:17	03:27:48.6	+32:34:30	300	100	3.0	#141 Mapping t	2	
0173.03275713+4312452	300	11:19	03:27:57.1	+43:12:45	300	90	3.0	#141 Mapping t	2	

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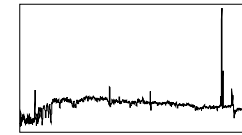
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0174.COMP	10	11:24	03:27:57.1	+43:12:45	300	90	3.0	#141 Mapping t	2	
0175.03281358+3800587	360	11:25	03:28:13.6	+38:00:59	300	90	3.0	#141 Mapping t	2	row=88
0176.COMP	10	11:32	03:28:13.6	+38:00:59	300	90	3.0	#141 Mapping t	2	
0177.03281552+4009347	780	11:33	03:28:15.5	+40:09:35	300	90	3.0	#141 Mapping t	2	
0178.COMP	10	11:47	03:28:15.5	+40:09:35	300	90	3.0	#141 Mapping t	2	
0179.03283697+4028077	540	11:48	03:28:37.0	+40:28:08	300	90	3.0	#141 Mapping t	2	
0180.COMP	10	11:57	03:28:37.0	+40:28:08	300	90	3.0	#141 Mapping t	2	
0181.03295918+3627547	420	11:59	03:29:59.2	+36:27:55	300	90	3.0	#141 Mapping t	2	
0182.COMP	10	12:06	03:29:59.2	+36:27:55	300	90	3.0	#141 Mapping t	2	
0183.03301135+4300054	360	12:08	03:30:11.3	+43:00:05	300	90	3.0	#141 Mapping t	2	
0184.COMP	10	12:15	03:30:11.3	+43:00:05	300	90	3.0	#2 SN Observat	2	
0185.N3227	240	12:19	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0186.N3227	240	12:24	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0187.COMP	10	12:29	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0188.sn2008gx	1020	12:33	10:15:33.0	+74:12:59	300	50	3.0	#2 SN Observat	2	
0189.COMP	10	12:50	10:15:33.0	+74:12:59	300	50	3.0	#2 SN Observat	2	
0190.Feige34	150	12:52	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0191.COMP	10	12:55	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0192-0201.BIAS	0	12:58	10:39:36.7	+43:06:09	300	90	3.0	#182 Runaway B	2	
0202-0221.FLAT	7	13:08	10:39:36.7	+43:06:09	300	90	3.0	#182 Runaway B	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>
0222-0231.DARK	900	15:30	10:39:36.7	+43:06:09	300	90	3.0	#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>
0001-0002.BIAS	0	21:02	17:30:18.2	+31:30:56	300	90	3.0	#182 Runaway B	2	
0003.COMP	10	21:02	17:30:18.2	+31:30:56	300	90	3.0	#182 Runaway B	2	
0004.COMP	10	21:06	17:30:18.2	+31:30:56	300	90	3.0	#182 Runaway B	2	
0005-0024.BIAS	0	22:39	17:30:18.2	+31:30:56	300	90	3.0	#182 Runaway B	4	
0025-0034.FLAT	4	22:40	17:30:18.2	+31:30:56	300	90	3.0	#182 Runaway B	4	
0035-0044.BIAS	0	22:42	17:30:18.2	+31:30:56	300	90	3.0	#182 Runaway B	2	
0045-0059.FLAT	7	22:47	17:30:18.2	+31:30:56	300	90	3.0	#182 Runaway B	2	
0060-0063.DARK	900	23:36	17:30:18.2	+31:30:56	300	90	3.0	#182 Runaway B	2	
0064.N7331	180	01:13	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0065.N7331	180	01:16	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0066.COMP	10	01:20	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0067.BDp284211	90	01:25	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0068.BDp284211	90	01:27	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0069.BDp284211	90	01:28	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0070.BDp284211	90	01:30	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0071.COMP	10	01:33	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0072.BDp174708	20	01:39	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0073.BDp174708	20	01:40	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0074.COMP	10	01:41	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0075.IPHASB_3998	480	02:04	22:12:14.0	+56:02:55	300	90	3.0	#157 IPHAS	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0076.IPHASB_3998	480	02:12	22:12:14.0	+56:02:55	300	90	3.0	#157 IPHAS	2	
0077.COMP	10	02:21	22:12:14.0	+56:02:55	300	90	3.0	#157 IPHAS	2	
0078.IPHASB_3999	540	02:24	22:12:18.0	+56:49:23	300	90	3.0	#157 IPHAS	2	
0079.IPHASB_3999	540	02:33	22:12:18.0	+56:49:23	300	90	3.0	#157 IPHAS	2	
0080.COMP	10	02:42	22:12:18.0	+56:49:23	300	90	3.0	#157 IPHAS	2	
0081.BFCyg	15	02:45	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0082.BFCyg	15	02:46	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0083.COMP	10	02:46	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0084.CICyg	4	02:48	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0085.COMP	10	02:49	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0086.CICyg	15	02:49	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0087.COMP	10	02:50	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0088.ZAnd	1	02:55	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0089.ZAnd	5	02:55	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0090.ZAnd	30	02:55	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0091.IPHASB_4444	720	03:33	23:47:04.5	+62:31:22	300	90	3.0	#157 IPHAS	2	
0092.IPHASB_4444	720	03:46	23:47:04.5	+62:31:22	300	90	3.0	#157 IPHAS	2	
0093.COMP	10	03:58	23:47:04.5	+62:31:22	300	90	3.0	#157 IPHAS	2	
0094.snr2008ha	1800	04:05	23:34:52.7	+18:13:35	300	90	3.0	#157 IPHAS	2	
0095.COMP	10	04:36	23:34:52.7	+18:13:35	300	90	3.0	#157 IPHAS	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0096.IPHASB_1271	780	04:52	01:39:58.8	+58:46:28	300	90	3.0	#157 IPHAS	2	
0097.COMP	10	05:05	01:39:58.8	+58:46:28	300	90	3.0	#157 IPHAS	2	
0098.IPHASB_1273	780	05:08	01:41:46.6	+58:18:03	300	90	3.0	#157 IPHAS	2	
0099.COMP	10	05:21	01:41:46.6	+58:18:03	300	90	3.0	#157 IPHAS	2	
0100.IPHASB_1274	540	05:23	01:41:53.0	+57:41:33	300	90	3.0	#157 IPHAS	2	
0101.COMP	10	05:32	01:41:53.0	+57:41:33	300	90	3.0	#157 IPHAS	2	
0102.IPHASB_1275	660	05:36	01:42:18.7	+62:47:33	300	90	3.0	#157 IPHAS	2	
0103.COMP	10	05:47	01:42:18.7	+62:47:33	300	90	3.0	#157 IPHAS	2	
0104.IPHASB_1276	780	05:50	01:42:21.3	+64:58:36	300	90	3.0	#157 IPHAS	2	
0105.COMP	10	06:04	01:42:21.3	+64:58:36	300	90	3.0	#157 IPHAS	2	
0106.IPHASB_1277	480	06:06	01:42:44.8	+62:30:56	300	90	3.0	#157 IPHAS	2	
0107.COMP	10	06:14	01:42:44.8	+62:30:56	300	90	3.0	#157 IPHAS	2	
0108.IPHASB_1279	480	06:16	01:43:22.2	+64:01:19	300	90	3.0	#157 IPHAS	2	
0109.COMP	10	06:25	01:43:22.2	+64:01:19	300	90	3.0	#157 IPHAS	2	
0110.IPHASB_1280	540	06:27	01:43:23.3	+59:53:07	300	90	3.0	#157 IPHAS	2	
0111.COMP	10	06:37	01:43:23.3	+59:53:07	300	90	3.0	#157 IPHAS	2	
0112.IPHASB_1281	540	06:39	01:43:37.2	+65:36:07	300	90	3.0	#157 IPHAS	2	
0113.COMP	10	06:49	01:43:37.2	+65:36:07	300	90	3.0	#157 IPHAS	2	
0114.IPHASB_1283	840	06:52	01:44:01.9	+64:01:25	300	90	3.0	#157 IPHAS	2	
0115.COMP	10	07:07	01:44:01.9	+64:01:25	300	90	3.0	#157 IPHAS	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0116.IPHASB_1284	480	07:10	01:44:37.1	+60:34:58	300	90	3.0	#157 IPHAS	2	
0117.COMP	10	07:18	01:44:37.1	+60:34:58	300	90	3.0	#157 IPHAS	2	
0118.IPHASB_1285	540	07:20	01:44:52.2	+60:41:23	300	90	3.0	#157 IPHAS	2	
0119.COMP	10	07:29	01:44:52.2	+60:41:23	300	90	3.0	#157 IPHAS	2	
0120.IPHASB_1286	540	07:32	01:44:58.2	+62:52:46	300	90	3.0	#157 IPHAS	2	
0121.COMP	10	07:42	01:44:58.2	+62:52:46	300	90	3.0	#157 IPHAS	2	
0122.IPHASB_1290	540	07:45	01:46:02.1	+61:15:02	300	90	3.0	#157 IPHAS	2	
0123.COMP	10	07:54	01:46:02.1	+61:15:02	300	90	3.0	#157 IPHAS	2	
0124.IPHASB_1564	600	07:57	02:55:02.4	+60:50:02	300	90	3.0	#157 IPHAS	2	
0125.COMP	10	08:07	02:55:02.4	+60:50:02	300	90	3.0	#157 IPHAS	2	
0126.IPHASB_1570	540	08:10	02:56:10.4	+58:06:30	300	90	3.0	#157 IPHAS	2	
0127.COMP	10	08:20	02:56:10.4	+58:06:30	300	90	3.0	#157 IPHAS	2	
0128.IPHASB_1571	660	08:25	02:56:25.4	+61:07:32	300	90	3.0	#157 IPHAS	2	
0129.COMP	10	08:36	02:56:25.4	+61:07:32	300	90	3.0	#157 IPHAS	2	
0130.IPHASB_1572	720	08:39	02:56:31.5	+59:36:48	300	90	3.0	#157 IPHAS	2	
0131.COMP	10	08:51	02:56:31.5	+59:36:48	300	90	3.0	#157 IPHAS	2	
0132.w5f972	30	08:53	02:55:54.3	+60:23:36	300	90	3.0	#179 OB Stars	2	
0133.COMP	10	08:54	02:55:54.3	+60:23:36	300	90	3.0	#179 OB Stars	2	
0134.w5b6769	10	08:56	02:52:57.6	+60:28:16	300	90	3.0	#179 OB Stars	2	
0135.COMP	10	08:56	02:52:57.6	+60:28:16	300	90	3.0	#179 OB Stars	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0136.w5f571	5	08:58	02:55:29.7	+60:13:59	300	90	3.0	#179 OB Stars	2	
0137.COMP	10	08:58	02:55:29.7	+60:13:59	300	90	3.0	#179 OB Stars	2	
0138.w5f2745	5	08:59	02:57:46.8	+60:19:27	300	90	3.0	#179 OB Stars	2	
0139.COMP	10	08:59	02:57:46.8	+60:19:27	300	90	3.0	#179 OB Stars	2	
0140.w5c2495	10	09:01	02:59:23.2	+60:34:00	300	90	3.0	#179 OB Stars	2	
0141.COMP	10	09:01	02:59:23.2	+60:34:00	300	90	3.0	#179 OB Stars	2	
0142.w5e1747	5	09:03	02:51:41.7	+61:08:46	300	90	3.0	#179 OB Stars	2	
0143.COMP	10	09:03	02:51:41.7	+61:08:46	300	90	3.0	#179 OB Stars	2	
0144.w5b3231	5	09:04	02:51:14.4	+60:23:10	300	90	3.0	#179 OB Stars	2	
0145.COMP	10	09:05	02:51:14.4	+60:23:10	300	90	3.0	#179 OB Stars	2	
0146.w5f2019	5	09:06	02:57:00.7	+60:34:01	300	90	3.0	#179 OB Stars	2	
0147.COMP	10	09:06	02:57:00.7	+60:34:01	300	90	3.0	#179 OB Stars	2	
0148.w5b624	5	09:08	02:49:47.0	+60:35:33	300	90	3.0	#179 OB Stars	2	
0149.COMP	10	09:08	02:49:47.0	+60:35:33	300	90	3.0	#179 OB Stars	2	
0150.w5a3711	5	09:09	02:54:10.7	+60:39:04	300	90	3.0	#179 OB Stars	2	
0151.COMP	10	09:10	02:54:10.7	+60:39:04	300	90	3.0	#179 OB Stars	2	
0152.w5d4227	5	09:11	02:53:03.6	+59:58:02	300	90	3.0	#179 OB Stars	2	
0153.COMP	10	09:11	02:53:03.6	+59:58:02	300	90	3.0	#179 OB Stars	2	
0154.w5a4788	5	09:12	02:54:45.7	+60:22:04	300	90	3.0	#179 OB Stars	2	
0155.COMP	10	09:12	02:54:45.7	+60:22:04	300	90	3.0	#179 OB Stars	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0156.w5f2267	5	09:13	02:57:17.6	+60:23:09	300	90	3.0	#179 OB Stars	2	
0157.COMP	10	09:13	02:57:17.6	+60:23:09	300	90	3.0	#179 OB Stars	2	
0158.w5c2413	5	09:14	02:59:19.9	+60:35:49	300	90	3.0	#179 OB Stars	2	
0159.COMP	10	09:15	02:59:19.9	+60:35:49	300	90	3.0	#179 OB Stars	2	
0160.w5b5826	5	09:16	02:52:28.3	+60:12:40	300	90	3.0	#179 OB Stars	2	
0161.COMP	10	09:16	02:52:28.3	+60:12:40	300	90	3.0	#179 OB Stars	2	
0162.w5d3302	5	09:17	02:52:28.3	+60:12:41	300	90	3.0	#179 OB Stars	2	
0163.COMP	10	09:17	02:52:28.3	+60:12:41	300	90	3.0	#179 OB Stars	2	
0164.w5a5994	5	09:18	02:55:20.5	+60:34:42	300	90	3.0	#179 OB Stars	2	
0165.COMP	10	09:19	02:55:20.5	+60:34:42	300	90	3.0	#179 OB Stars	2	
0166.w5a2428	5	09:20	02:53:28.5	+60:27:35	300	90	3.0	#179 OB Stars	2	
0167.COMP	10	09:20	02:53:28.5	+60:27:35	300	90	3.0	#179 OB Stars	2	
0168.w5c1853	5	09:22	02:58:55.0	+60:45:50	300	90	3.0	#179 OB Stars	2	
0169.COMP	10	09:22	02:58:55.0	+60:45:50	300	90	3.0	#179 OB Stars	2	
0170.w5c4657	5	09:23	03:00:55.9	+60:44:42	300	90	3.0	#179 OB Stars	2	
0171.COMP	10	09:24	03:00:55.9	+60:44:42	300	90	3.0	#179 OB Stars	2	
0172.w5e2762	5	09:25	02:52:59.6	+60:59:34	300	90	3.0	#179 OB Stars	2	
0173.COMP	10	09:25	02:52:59.6	+60:59:34	300	90	3.0	#179 OB Stars	2	
0174.2M040000.61+4059193	420	09:29	04:00:00.6	+40:59:19	300	90	3.0	#141 Mapping t	2	
0175.COMP	10	09:37	04:00:00.6	+40:59:19	300	90	3.0	#141 Mapping t	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0176.2M040000.61+4059193	1800	09:41	04:00:00.6	+40:59:19	300	90	3.0	#141 Mapping t	2	
0177.COMP	10	10:12	04:00:00.6	+40:59:19	300	90	3.0	#141 Mapping t	2	
0178.2M040009.32+3726113	600	10:15	04:00:09.3	+37:26:11	300	90	3.0	#141 Mapping t	2	
0179.COMP	10	10:25	04:00:09.3	+37:26:11	300	90	3.0	#141 Mapping t	2	
0180.2M040020.47+4929290	300	10:28	04:00:20.5	+49:29:29	300	90	3.0	#141 Mapping t	2	
0181.COMP	10	10:33	04:00:20.5	+49:29:29	300	90	3.0	#141 Mapping t	2	
0182.N2211002533	120	10:36	07:55:40.8	+21:09:59	300	90	3.0	#184 M44 Varia	2	
0183.COMP	10	10:39	07:55:40.8	+21:09:59	300	90	3.0	#184 M44 Varia	2	
0184.N2211002533	360	10:40	07:55:40.8	+21:09:59	300	90	3.0	#184 M44 Varia	2	
0185.COMP	10	10:46	07:55:40.8	+21:09:59	300	90	3.0	#184 M44 Varia	2	
0186.N2211012591	30	10:51	07:45:34.9	+19:39:25	300	90	3.0	#184 M44 Varia	2	
0187.N2211012591	120	10:53	07:45:34.9	+19:39:25	300	90	3.0	#184 M44 Varia	2	
0188.N2211111308	300	10:56	07:51:24.7	+13:54:34	300	90	3.0	#184 M44 Varia	2	
0189.COMP	10	11:02	07:51:24.7	+13:54:34	300	90	3.0	#184 M44 Varia	2	
0190.N2213330181	240	11:03	08:00:36.8	+08:43:52	300	90	3.0	#184 M44 Varia	2	
0191.COMP	10	11:08	08:00:36.8	+08:43:52	300	90	3.0	#184 M44 Varia	2	
0192.N2222120359	180	11:09	07:18:14.3	+30:38:08	300	90	3.0	#184 M44 Varia	2	
0193.COMP	10	11:13	07:18:14.3	+30:38:08	300	90	3.0	#184 M44 Varia	2	
0194.N2301103684	300	11:18	08:07:30.6	+37:48:28	300	90	3.0	#184 M44 Varia	2	
0195.COMP	10	11:24	08:07:30.6	+37:48:28	300	90	3.0	#184 M44 Varia	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0196.N2301203450	120	11:27	07:08:59.4	+34:41:27	300	90	3.0	#184 M44 Varia	2	
0197.COMP	10	11:29	07:08:59.4	+34:41:27	300	90	3.0	#184 M44 Varia	2	
0198.N2303211384	120	11:31	07:24:41.5	+40:22:32	300	90	3.0	#184 M44 Varia	2	
0199.COMP	10	11:33	07:24:41.5	+40:22:32	300	90	3.0	#184 M44 Varia	2	
0200.N2303212433	90	11:34	07:23:18.2	+37:12:00	300	90	3.0	#184 M44 Varia	2	
0201.COMP	10	11:36	07:23:18.2	+37:12:00	300	90	3.0	#184 M44 Varia	2	
0202.N2312013218	240	11:38	08:05:53.8	+20:20:54	300	90	3.0	#184 M44 Varia	2	
0203.COMP	10	11:42	08:05:53.8	+20:20:54	300	90	3.0	#184 M44 Varia	2	
0204.N2312023427	120	11:44	08:10:44.9	+23:11:42	300	90	3.0	#184 M44 Varia	2	
0205.COMP	10	11:46	08:10:44.9	+23:11:42	300	90	3.0	#184 M44 Varia	2	
0206.N2312023919	240	11:48	08:14:24.1	+24:31:47	300	90	3.0	#184 M44 Varia	2	
0207.COMP	10	11:52	08:14:24.1	+24:31:47	300	90	3.0	#184 M44 Varia	2	
0208.N23013118	240	11:57	07:35:33.6	+31:50:51	300	90	3.0	#184 M44 Varia	2	
0209.COMP	10	12:01	07:35:33.6	+31:50:51	300	90	3.0	#184 M44 Varia	2	
0210.N2301313237	120	12:02	07:33:17.6	+31:43:33	300	90	3.0	#184 M44 Varia	2	
0211.COMP	10	12:05	07:33:17.6	+31:43:33	300	90	3.0	#184 M44 Varia	2	
0212.N2301313299	120	12:06	07:34:10.8	+31:36:53	300	90	3.0	#184 M44 Varia	2	
0213.COMP	10	12:08	07:34:10.8	+31:36:53	300	90	3.0	#184 M44 Varia	2	
0214.N230321311	120	12:10	07:26:25.8	+37:27:30	300	90	3.0	#184 M44 Varia	2	
0215.COMP	10	12:12	07:26:25.8	+37:27:30	300	90	3.0	#184 M44 Varia	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>
0216.Feige34	180	12:18	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0217.COMP	10	12:22	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0218.N3227	180	12:23	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0219.N3227	180	12:27	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0220.COMP	10	12:30	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0221.N2301032814	300	12:32	07:45:28.5	+28:10:13	300	90	3.0	#184 M44 Varia	2	
0222.COMP	10	12:37	07:45:28.5	+28:10:13	300	90	3.0	#184 M44 Varia	2	
0223.N222232140	120	12:38	07:12:06.0	+29:37:40	300	90	3.0	#184 M44 Varia	2	
0224.COMP	10	12:41	07:12:06.0	+29:37:40	300	90	3.0	#184 M44 Varia	2	
0225.N222213373	240	12:44	07:06:59.5	+31:36:19	300	90	3.0	#184 M44 Varia	2	
0226.COMP	10	12:49	07:06:59.5	+31:36:19	300	90	3.0	#184 M44 Varia	2	
0227.N222213373	240	12:49	07:06:59.5	+31:36:19	300	90	3.0	#184 M44 Varia	2	
0228.COMP	10	12:54	07:06:59.5	+31:36:19	300	90	3.0	#184 M44 Varia	2	
0229-0248.BIAS	0	13:11	07:06:59.5	+31:36:19	300	90	3.0	#56 Spectropho	2	
0249-0263.FLAT	7	13:17	07:06:59.5	+31:36:19	300	90	3.0	#56 Spectropho	2	
0264-0268.DARK	900	14:25	07:06:59.5	+31:36:19	300	90	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	23:07	07:06:59.5	+31:36:19	300	90	3.0	#56 Spectropho	2	
0011-0025.FLAT	7	23:13	07:06:59.5	+31:36:19	300	90	3.0	#56 Spectropho	2	
0026-0030.DARK	900	00:19	07:06:59.5	+31:36:19	300	90	3.0	#56 Spectropho	2	
0031.N7331	180	01:17	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0032.N7331	180	01:20	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0033.COMP	10	01:23	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0034.BDp284211	90	01:28	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0035.BDp284211	90	01:30	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0036.COMP	10	01:32	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0037.BDp174708	20	01:34	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0038.BDp174708	20	01:34	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0039.COMP	10	01:35	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0040.INVL08	1800	01:51	19:54:24.3	+20:52:47	300	110	3.0	#186 IPHAS AGB	2	
0041.COMP	10	02:21	19:54:24.3	+20:52:47	300	110	3.0	#186 IPHAS AGB	2	
0042.INVL08	60	02:31	19:54:24.3	+20:52:47	300	110	3.0	#186 IPHAS AGB	2	
0043.COMP	10	02:33	19:54:24.3	+20:52:47	300	110	3.0	#186 IPHAS AGB	2	
0044.COMP	10	02:33	19:54:24.3	+20:52:47	300	110	3.0	#186 IPHAS AGB	2	
0045.INVL08	1800	02:37	19:54:24.3	+20:52:47	300	110	3.0	#186 IPHAS AGB	2	
0046.INVL08	1800	03:08	19:54:24.3	+20:52:47	300	110	3.0	#186 IPHAS AGB	2	
0047.COMP	10	03:38	19:54:24.3	+20:52:47	300	110	3.0	#186 IPHAS AGB	2	

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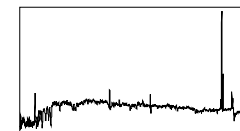
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0048.sn2008ha	1800	03:48	23:34:52.7	+18:13:35	300	0	3.0	#2 SN Observat	2	
0049.sn2008ha	1800	04:18	23:34:52.7	+18:13:35	300	0	3.0	#2 SN Observat	2	
0050.COMP	10	04:49	23:34:52.7	+18:13:35	300	0	3.0	#2 SN Observat	2	
0051.BLLac	180	04:55	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	
0052.BLLac	180	04:58	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	Out of focus
0053.COMP	10	05:01	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	
0054.BLLac	180	05:07	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	
0055.BLLac	180	05:11	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	
0056.COMP	10	05:15	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	
0057.3C66A	300	05:22	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0058.3C66A	300	05:28	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0059.COMP	10	05:33	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0060.AXPer	4	05:35	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0061.AXPer	30	05:35	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0062.AXPer	90	05:36	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0063.COMP	10	05:38	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0064.GITau	240	05:40	04:33:34.0	+24:21:18	300	90	3.0	#12 Symbiotic	2	
0065.COMP	10	05:44	04:33:34.0	+24:21:18	300	90	3.0	#12 Symbiotic	2	
0066.GKTau	240	05:46	04:33:34.5	+24:21:07	300	90	3.0	#12 Symbiotic	2	
0067.COMP	10	05:50	04:33:34.5	+24:21:07	300	90	3.0	#12 Symbiotic	2	

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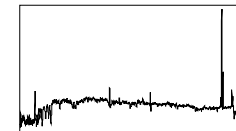
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0068.IPHASB_1361	720	05:52	02:05:04.1	+63:02:16	300	90	3.0	#157 IPHAS	2	
0069.COMP	10	06:05	02:05:04.1	+63:02:16	300	90	3.0	#157 IPHAS	2	
0070.IPHASB_1363	780	06:07	02:06:18.6	+64:49:45	300	90	3.0	#157 IPHAS	2	
0071.COMP	10	06:21	02:06:18.6	+64:49:45	300	90	3.0	#157 IPHAS	2	
0072.IPHASB_1364	720	06:23	02:06:49.3	+64:58:27	300	90	3.0	#157 IPHAS	2	The fainter source at pixel 75
0073.COMP	10	06:36	02:06:49.3	+64:58:27	300	90	3.0	#157 IPHAS	2	
0074.IPHASB_1365	720	06:39	02:07:31.1	+63:45:20	300	90	3.0	#157 IPHAS	2	
0075.COMP	10	06:51	02:07:31.1	+63:45:20	300	90	3.0	#157 IPHAS	2	
0076.IPHASB_1366	720	06:53	02:07:34.2	+62:36:01	300	90	3.0	#157 IPHAS	2	
0077.COMP	10	07:07	02:07:34.2	+62:36:01	300	90	3.0	#157 IPHAS	2	
0078.IPHASB_1367	840	07:08	02:07:53.5	+64:41:49	300	90	3.0	#157 IPHAS	2	
0079.COMP	10	07:27	02:07:53.5	+64:41:49	300	90	3.0	#157 IPHAS	2	
0080.IPHASB_1367	960	07:28	02:07:53.5	+64:41:49	300	90	3.0	#157 IPHAS	2	very very faint! - target at pixel 75
0081.COMP	10	07:45	02:07:53.5	+64:41:49	300	90	3.0	#157 IPHAS	2	
0082.IPHASB_1368	540	07:47	02:08:17.7	+61:42:20	300	90	3.0	#157 IPHAS	2	
0083.COMP	10	07:57	02:08:17.7	+61:42:20	300	90	3.0	#157 IPHAS	2	
0084.IPHASB_1369	720	07:59	02:08:26.3	+62:57:46	300	90	3.0	#157 IPHAS	2	
0085.COMP	10	08:11	02:08:26.3	+62:57:46	300	90	3.0	#157 IPHAS	2	
0086.IPHASB_1370	1200	08:13	02:08:33.9	+58:55:48	300	90	3.0	#157 IPHAS	2	
0087.COMP	10	08:35	02:08:33.9	+58:55:48	300	90	3.0	#157 IPHAS	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0088.IPHASB_1505	1500	08:42	02:41:11.9	+60:51:25	300	90	3.0	#157 IPHAS	2	
0089.COMP	10	09:07	02:41:11.9	+60:51:25	300	90	3.0	#157 IPHAS	2	
0090.IPHASB_1502	1500	09:09	02:40:55.0	+63:00:10	300	90	3.0	#157 IPHAS	2	
0091.COMP	10	09:35	02:40:55.0	+63:00:10	300	90	3.0	#157 IPHAS	2	
0092.IPHASB_1515	600	09:37	02:43:39.3	+62:23:29	300	90	3.0	#157 IPHAS	2	
0093.COMP	10	09:47	02:43:39.3	+62:23:29	300	90	3.0	#157 IPHAS	2	
0094.IPHASB_1521	1200	09:51	02:44:30.4	+60:48:29	300	90	3.0	#157 IPHAS	2	
0095.COMP	10	10:12	02:44:30.4	+60:48:29	300	90	3.0	#157 IPHAS	2	
0096.IPHASB_1523	1500	10:15	02:44:54.0	+63:56:08	300	90	3.0	#157 IPHAS	2	
0097.COMP	10	10:41	02:44:54.0	+63:56:08	300	90	3.0	#157 IPHAS	2	
0098.IPHASB_1524	600	10:46	02:45:05.6	+64:51:28	300	90	3.0	#157 IPHAS	2	
0099.COMP	10	10:56	02:45:05.6	+64:51:28	300	90	3.0	#157 IPHAS	2	
0100.IPHASB_1525	1500	10:59	02:45:06.1	+61:14:09	300	90	3.0	#157 IPHAS	2	
0101.COMP	10	11:24	02:45:06.1	+61:14:09	300	90	3.0	#157 IPHAS	2	
0102.BGGem	300	11:27	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0103.COMP	10	11:33	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0104.BXMon	15	11:34	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0105.BXMon	180	11:35	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0106.COMP	10	11:39	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0107.SS129	300	11:41	07:32:45.0	-26:49:16	300	90	3.0	#12 Symbiotic	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0108.SS129	300	11:46	07:32:45.0	-26:49:16	300	90	3.0	#12 Symbiotic	2	
0109.COMP	10	11:51	07:32:45.0	-26:49:16	300	90	3.0	#12 Symbiotic	2	
0110.N3227	180	11:54	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0111.N3227	180	11:57	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0112.COMP	10	12:00	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0113.Feige34	180	12:02	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0114.COMP	10	12:05	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0115.MRK421	240	12:07	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0116.MRK421	240	12:11	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0117.COMP	10	12:15	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0118.N4051	150	12:18	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0119.N4051	150	12:20	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0120.COMP	10	12:23	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0121.N4151	30	12:25	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0122.N4151	30	12:26	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0123.N4151	90	12:26	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0124.COMP	10	12:28	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0125.WCom	300	12:30	12:21:31.7	+28:13:59	300	90	3.0	#6 AGN Monitor	2	
0126.WCom	300	12:36	12:21:31.7	+28:13:59	300	90	3.0	#6 AGN Monitor	2	
0127.COMP	10	12:41	12:21:31.7	+28:13:59	300	90	3.0	#6 AGN Monitor	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0128.N2311302285	240	12:44	09:29:43.1	+20:49:28	300	90	3.0	#184 M44 Varia	2	
0129.COMP	10	12:50	09:29:43.1	+20:49:28	300	90	3.0	#184 M44 Varia	2	
0130-0139.BIAS	0	13:10	09:29:43.1	+20:49:28	300	90	3.0	#56 Spectropho	2	
0140-0154.FLAT	7	13:15	09:29:43.1	+20:49:28	300	90	3.0	#56 Spectropho	2	
0155-0159.DARK	900	14:19	09:29:43.1	+20:49:28	300	90	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	00:02	09:29:43.1	+20:49:28	300	90	3.0	#56 Spectropho	2	
0006-0015.BIAS	0	00:20	09:29:43.1	+20:49:28	300	90	3.0	#56 Spectropho	2	
0016-0030.FLAT	7	00:25	09:29:43.1	+20:49:28	300	90	3.0	#56 Spectropho	2	
0031.HD19445	10	08:07	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0032.HD19445	10	08:07	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0033.COMP	10	08:07	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0034.HD19445	10	08:16	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0035.HD19445	10	08:16	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0036.COMP	10	08:17	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0037.225m280	300	08:19	00:44:29.8	+41:21:25	300	90	3.0	#57 Velocity S	2	
0038.COMP	10	08:24	00:44:29.8	+41:21:25	300	90	3.0	#57 Velocity S	2	
0039.EGAnd	1	08:26	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0040.EGAnd	5	08:26	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0041.EGAnd	10	08:27	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0042.COMP	10	08:27	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0043.IPHASB_1374	600	08:41	02:09:17.9	+61:30:45	300	90	3.0	#157 IPHAS	2	
0044.COMP	10	08:52	02:09:17.9	+61:30:45	300	90	3.0	#157 IPHAS	2	
0045.IPHASB_1375	720	08:54	02:09:18.8	+57:33:33	300	90	3.0	#157 IPHAS	2	
0046.COMP	10	09:06	02:09:18.8	+57:33:33	300	90	3.0	#157 IPHAS	2	
0047.IPHASB_1376	1200	09:08	02:09:45.2	+59:52:52	300	90	3.0	#157 IPHAS	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0048.COMP	10	09:28	02:09:45.2	+59:52:52	300	90	3.0	#157 IPHAS	2	
0049.IPHASB_1381	600	09:31	02:10:11.1	+65:22:30	300	90	3.0	#157 IPHAS	2	
0050.COMP	10	09:41	02:10:11.1	+65:22:30	300	90	3.0	#157 IPHAS	2	
0051.IPHASB_1388	1200	09:48	02:12:02.0	+61:32:30	300	90	3.0	#157 IPHAS	2	
0052.COMP	10	10:08	02:12:02.0	+61:32:30	300	90	3.0	#157 IPHAS	2	
0053.IPHASB_1387	1200	10:10	02:11:59.1	+61:56:40	300	90	3.0	#157 IPHAS	2	
0054.COMP	10	10:31	02:11:59.1	+61:56:40	300	90	3.0	#157 IPHAS	2	
0055.IPHASB_1384	1500	10:33	02:11:21.7	+62:47:08	300	90	3.0	#157 IPHAS	2	
0056.COMP	10	10:58	02:11:21.7	+62:47:08	300	90	3.0	#157 IPHAS	2	
0057.N2312000199	360	11:07	07:54:08.6	+24:10:34	300	90	3.0	#184 M44 Varia	2	
0058.COMP	10	11:13	07:54:08.6	+24:10:34	300	90	3.0	#184 M44 Varia	2	
0059.N231200197	600	11:14	07:58:26.2	+22:22:00	300	90	3.0	#184 M44 Varia	2	
0060.COMP	10	11:25	07:58:26.2	+22:22:00	300	90	3.0	#184 M44 Varia	2	
0061.N23120215340	300	11:27	08:10:28.9	+24:01:52	300	90	3.0	#184 M44 Varia	2	
0062.COMP	10	11:32	08:10:28.9	+24:01:52	300	90	3.0	#184 M44 Varia	2	
0063.N2312103415	300	11:34	08:21:22.8	+14:00:15	300	90	3.0	#184 M44 Varia	2	
0064.COMP	10	11:39	08:21:22.8	+14:00:15	300	90	3.0	#184 M44 Varia	2	
0065.N2312323529	420	11:42	08:14:35.7	+19:01:34	300	90	3.0	#184 M44 Varia	2	
0066.COMP	10	11:50	08:14:35.7	+19:01:34	300	90	3.0	#184 M44 Varia	2	
0067.N2313131457	900	11:51	08:40:48.1	+15:24:52	300	90	3.0	#184 M44 Varia	2	

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0068.COMP	10	12:07	08:40:48.1	+15:24:52	300	90	3.0	#184 M44 Varia	2	
0069.N2313201275	600	12:08	09:27:01.1	+14:12:09	300	90	3.0	#184 M44 Varia	2	
0070.COMP	10	12:19	09:27:01.1	+14:12:09	300	90	3.0	#184 M44 Varia	2	
0071.N3227	180	12:20	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0072.N3227	180	12:24	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0073.COMP	10	12:27	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0074.Feige34	180	12:29	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0075.Feige34	180	12:32	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0076.COMP	10	12:36	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0077-0086.BIAS	0	12:56	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0087-0101.FLAT	7	13:02	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0102-0106.DARK	900	14:07	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.BIAS	0	23:15	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0011-0025.FLAT	7	23:20	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0026-0030.DARK	900	00:26	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0031.BDp284211	90	01:27	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0032.BDp284211	90	01:28	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0033.COMP	10	01:31	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0034.BDp174708	20	01:33	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0035.BDp174708	20	01:34	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0036.COMP	10	01:34	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0037.N7331	180	01:36	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0038.N7331	180	01:39	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0039.COMP	10	01:43	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0040.BFCyg	15	01:44	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0041.BFCyg	15	01:45	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0042.COMP	10	01:45	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0043.CICyg	4	01:46	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0044.CICyg	15	01:47	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0045.COMP	10	01:47	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0046.ZAnd	1	01:49	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0047.ZAnd	5	01:49	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	

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0048.ZAnd	30	01:50	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0049.COMP	10	01:51	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0050.BLLac	180	01:52	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	
0051.BLLac	180	01:55	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	
0052.COMP	10	01:59	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	
0053.CHCyg	1	02:01	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0054.CHCyg	5	02:01	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0055.CHCyg	30	02:01	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0056.COMP	10	02:02	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0057.AS360	60	02:04	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0058.AS360	300	02:06	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0059.COMP	10	02:11	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0060.PUVul	1	02:12	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0061.PUVul	10	02:13	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0062.PUVul	60	02:13	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0063.COMP	10	02:15	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0064.RAqr	1	02:16	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0065.RAqr	5	02:16	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0066.RAqr	10	02:17	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0067.COMP	10	02:17	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0068.1ES2344p514	300	02:24	23:47:04.6	+51:42:18	300	90	3.0	#6 AGN Monitor	2	
0069.1ES2344p514	300	02:29	23:47:04.6	+51:42:18	300	90	3.0	#6 AGN Monitor	2	
0070.COMP	10	02:35	23:47:04.6	+51:42:18	300	90	3.0	#6 AGN Monitor	2	
0071.sn2008ha	1800	02:41	23:34:52.7	+18:13:35	300	0	3.0	#2 SN Observat	2	bright star at pix 75, SN at pix 65
0072.sn2008ha	1800	03:11	23:34:52.7	+18:13:35	300	0	3.0	#2 SN Observat	2	bright star at pix 73, SN at pix 60
0073.COMP	10	03:41	23:34:52.7	+18:13:35	300	0	3.0	#2 SN Observat	2	
0074.IPHASB_3995	600	03:49	22:12:07.6	+57:45:16	300	90	3.0	#157 IPHAS	2	
0075.COMP	10	04:00	22:12:07.6	+57:45:16	300	90	3.0	#157 IPHAS	2	
0076.IPHASB_4000	600	04:01	22:12:19.0	+55:40:41	300	90	3.0	#157 IPHAS	2	
0077.COMP	10	04:11	22:12:19.0	+55:40:41	300	90	3.0	#157 IPHAS	2	
0078.IPHASB_4001	1500	04:13	22:12:27.6	+55:43:42	300	90	3.0	#157 IPHAS	2	
0079.COMP	10	04:39	22:12:27.6	+55:43:42	300	90	3.0	#157 IPHAS	2	
0080.IPHASB_4007	600	04:40	22:12:45.1	+57:14:40	300	90	3.0	#157 IPHAS	2	
0081.COMP	10	04:51	22:12:45.1	+57:14:40	300	90	3.0	#157 IPHAS	2	
0082.IPHASB_4445	900	04:55	23:47:19.9	+61:25:52	300	90	3.0	#157 IPHAS	2	
0083.COMP	10	05:10	23:47:19.9	+61:25:52	300	90	3.0	#157 IPHAS	2	
0084.IPHASB_1050	1800	05:15	00:11:34.3	+61:46:15	300	90	3.0	#157 IPHAS	2	
0085.COMP	10	05:45	00:11:34.3	+61:46:15	300	90	3.0	#157 IPHAS	2	
0086.IPHASB_1373	1800	05:52	02:08:59.7	+63:55:36	300	90	3.0	#157 IPHAS	2	
0087.COMP	10	06:23	02:08:59.7	+63:55:36	300	90	3.0	#157 IPHAS	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0088.IPHASB_1372	1800	06:26	02:08:50.8	+62:32:47	300	90	3.0	#157 IPHAS	2	
0089.COMP	10	06:57	02:08:50.8	+62:32:47	300	90	3.0	#157 IPHAS	2	
0090.2M040327.68+5114132	1200	07:24	04:03:27.7	+51:14:13	300	90	3.0	#141 Mapping t	2	
0091.w5c4120	60	07:53	03:00:32.7	+60:34:09	300	90	3.0	#179 OB Stars	2	
0092.COMP	10	08:10	02:49:49.8	+61:09:01	300	90	3.0	#179 OB Stars	2	
0093.w5e448	60	08:11	02:49:49.8	+61:09:01	300	90	3.0	#179 OB Stars	2	
0094.COMP	10	08:12	02:49:49.8	+61:09:01	300	90	3.0	#179 OB Stars	2	
0095.w5a4324	120	08:14	02:54:29.9	+60:44:06	300	90	3.0	#179 OB Stars	2	
0096.COMP	10	08:16	02:54:29.9	+60:44:06	300	90	3.0	#179 OB Stars	2	
0097.w5d3059	60	08:17	02:52:15.6	+60:04:52	300	90	3.0	#179 OB Stars	2	
0098.COMP	10	08:19	02:52:15.6	+60:04:52	300	90	3.0	#179 OB Stars	2	
0099.w5f3544	60	08:20	02:58:21.9	+60:16:47	300	90	3.0	#179 OB Stars	2	
0100.COMP	10	08:21	02:58:21.9	+60:16:47	300	90	3.0	#179 OB Stars	2	
0101.w5d932	60	08:23	02:50:34.6	+59:55:00	300	90	3.0	#179 OB Stars	2	
0102.COMP	10	08:24	02:50:34.6	+59:55:00	300	90	3.0	#179 OB Stars	2	
0103.w5f2764	60	08:25	02:57:47.5	+60:11:26	300	90	3.0	#179 OB Stars	2	
0104.COMP	10	08:26	02:57:47.5	+60:11:26	300	90	3.0	#179 OB Stars	2	
0105.w5c2446	90	08:27	02:59:21.2	+60:25:22	300	90	3.0	#179 OB Stars	2	
0106.COMP	10	08:29	02:59:21.2	+60:25:22	300	90	3.0	#179 OB Stars	2	
0107.w5e510	60	08:30	02:49:54.4	+61:02:09	300	90	3.0	#179 OB Stars	2	

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0108.COMP	10	08:32	02:49:54.4	+61:02:09	300	90	3.0	#179 OB Stars	2	
0109.w5d1833	90	08:32	02:51:19.1	+60:08:05	300	90	3.0	#179 OB Stars	2	
0110.COMP	10	08:34	02:51:19.1	+60:08:05	300	90	3.0	#179 OB Stars	2	
0111.w5e81	90	08:35	02:49:21.9	+61:05:11	300	90	3.0	#179 OB Stars	2	
0112.COMP	10	08:37	02:49:21.9	+61:05:11	300	90	3.0	#179 OB Stars	2	
0113.w5b5077	90	08:38	02:52:05.8	+60:23:42	300	90	3.0	#179 OB Stars	2	
0114.COMP	10	08:40	02:52:05.8	+60:23:42	300	90	3.0	#179 OB Stars	2	
0115.w5f2302	90	08:41	02:57:20.9	+60:32:23	300	90	3.0	#179 OB Stars	2	
0116.COMP	10	08:43	02:57:20.9	+60:32:23	300	90	3.0	#179 OB Stars	2	
0117.w5d3468	90	08:44	02:52:35.4	+60:06:33	300	90	3.0	#179 OB Stars	2	
0118.COMP	10	08:45	02:52:35.4	+60:06:33	300	90	3.0	#179 OB Stars	2	
0119.w5d1930	60	08:46	02:51:23.8	+59:56:15	300	90	3.0	#179 OB Stars	2	
0120.COMP	10	08:48	02:51:23.8	+59:56:15	300	90	3.0	#179 OB Stars	2	
0121.w5c3111	60	08:48	02:59:46.8	+60:30:23	300	90	3.0	#179 OB Stars	2	
0122.COMP	10	08:50	02:59:46.8	+60:30:23	300	90	3.0	#179 OB Stars	2	
0123.w5c1618	60	08:51	02:58:45.1	+60:24:47	300	90	3.0	#179 OB Stars	2	
0124.COMP	10	08:52	02:58:45.1	+60:24:47	300	90	3.0	#179 OB Stars	2	
0125.w5a5521	90	08:53	02:55:07.2	+60:30:52	300	90	3.0	#179 OB Stars	2	
0126.COMP	10	08:55	02:55:07.2	+60:30:52	300	90	3.0	#179 OB Stars	2	
0127.w5f2919	90	08:57	02:57:55.5	+60:32:23	300	90	3.0	#179 OB Stars	2	

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0128.COMP	10	08:58	02:57:55.5	+60:32:23	300	90	3.0	#179 OB Stars	2	
0129.w5c536	90	08:59	02:57:55.5	+60:32:23	300	90	3.0	#179 OB Stars	2	
0130.COMP	10	09:01	02:57:55.5	+60:32:23	300	90	3.0	#179 OB Stars	2	
0131.w5c3899	90	09:02	03:00:23.4	+60:21:09	300	90	3.0	#179 OB Stars	2	
0132.COMP	10	09:04	03:00:23.4	+60:21:09	300	90	3.0	#179 OB Stars	2	
0133.w5c2172	90	09:05	02:59:10.7	+60:39:25	300	90	3.0	#179 OB Stars	2	
0134.COMP	10	09:07	02:59:10.7	+60:39:25	300	90	3.0	#179 OB Stars	2	
0135.w5d4274	60	09:08	02:53:05.2	+59:59:05	300	90	3.0	#179 OB Stars	2	
0136.COMP	10	09:09	02:53:05.2	+59:59:05	300	90	3.0	#179 OB Stars	2	
0137.w5a5364	90	09:10	02:55:02.6	+60:37:09	300	90	3.0	#179 OB Stars	2	
0138.COMP	10	09:12	02:55:02.6	+60:37:09	300	90	3.0	#179 OB Stars	2	
0139.w5d4554	90	09:13	02:53:15.3	+60:01:38	300	90	3.0	#179 OB Stars	2	
0140.COMP	10	09:15	02:53:15.3	+60:01:38	300	90	3.0	#179 OB Stars	2	
0141.w5c3274	90	09:16	02:59:53.6	+60:26:00	300	90	3.0	#179 OB Stars	2	
0142.COMP	10	09:18	02:59:53.6	+60:26:00	300	90	3.0	#179 OB Stars	2	
0143.w5d2922	90	09:19	02:52:09.8	+59:51:20	300	90	3.0	#179 OB Stars	2	
0144.COMP	10	09:21	02:52:09.8	+59:51:20	300	90	3.0	#179 OB Stars	2	
0145.w5e71	90	09:22	02:49:21.4	+61:00:08	300	90	3.0	#179 OB Stars	2	
0146.COMP	10	09:23	02:49:21.4	+61:00:08	300	90	3.0	#179 OB Stars	2	
0147.w5c3774	90	09:25	03:00:17.9	+60:21:17	300	90	3.0	#179 OB Stars	2	

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0148.COMP	10	09:27	03:00:17.9	+60:21:17	300	90	3.0	#179 OB Stars	2	
0149.w5c3851	90	09:28	03:00:21.0	+60:34:23	300	90	3.0	#179 OB Stars	2	
0150.COMP	10	09:29	03:00:21.0	+60:34:23	300	90	3.0	#179 OB Stars	2	
0151.w5d341	90	09:30	02:50:06.0	+60:16:23	300	90	3.0	#179 OB Stars	2	
0152.COMP	10	09:32	02:50:06.0	+60:16:23	300	90	3.0	#179 OB Stars	2	
0153.w5b1053	90	09:34	02:50:06.0	+60:16:22	300	90	3.0	#179 OB Stars	2	
0154.COMP	10	09:36	02:50:06.0	+60:16:22	300	90	3.0	#179 OB Stars	2	
0155.w5f2070	90	09:37	02:57:04.2	+60:20:50	300	90	3.0	#179 OB Stars	2	
0156.COMP	10	09:39	02:57:04.2	+60:20:50	300	90	3.0	#179 OB Stars	2	
0157.w5a2651	90	09:40	02:53:35.8	+60:28:31	300	90	3.0	#179 OB Stars	2	
0158.COMP	10	09:41	02:53:35.8	+60:28:31	300	90	3.0	#179 OB Stars	2	
0159.w5c2816	90	09:42	02:59:35.4	+60:25:25	300	90	3.0	#179 OB Stars	2	
0160.COMP	10	09:44	02:59:35.4	+60:25:25	300	90	3.0	#179 OB Stars	2	
0161.w5f3631	90	09:45	02:58:26.1	+60:23:44	300	90	3.0	#179 OB Stars	2	
0162.COMP	10	09:47	02:58:26.1	+60:23:44	300	90	3.0	#179 OB Stars	2	
0163.w5e637	90	09:48	02:50:03.9	+60:55:12	300	90	3.0	#179 OB Stars	2	
0164.COMP	10	09:50	02:50:03.9	+60:55:12	300	90	3.0	#179 OB Stars	2	
0165.w5a4374	90	09:51	02:54:31.4	+60:21:54	300	90	3.0	#179 OB Stars	2	
0166.COMP	10	09:53	02:54:31.4	+60:21:54	300	90	3.0	#179 OB Stars	2	
0167.w5c1224	90	09:53	02:58:26.2	+60:23:44	300	90	3.0	#179 OB Stars	2	

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0168.COMP	10	09:55	02:58:26.2	+60:23:44	300	90	3.0	#179 OB Stars	2	
0169.w5d3722	90	09:57	02:52:44.7	+60:00:13	300	90	3.0	#179 OB Stars	2	
0170.COMP	10	09:59	02:52:44.7	+60:00:13	300	90	3.0	#179 OB Stars	2	
0171.w5c68	90	10:00	02:57:33.3	+60:45:15	300	90	3.0	#179 OB Stars	2	
0172.COMP	10	10:01	02:57:33.3	+60:45:15	300	90	3.0	#179 OB Stars	2	
0173.w5b4728	90	10:03	02:51:54.0	+60:21:54	300	90	3.0	#179 OB Stars	2	
0174.COMP	10	10:05	02:51:54.0	+60:21:54	300	90	3.0	#179 OB Stars	2	
0175.N2211002533	600	10:15	07:55:40.8	+21:09:59	300	90	3.0	#184 M44 Varia	2	
0176.COMP	10	10:26	07:55:40.8	+21:09:59	300	90	3.0	#184 M44 Varia	2	
0177.N2211111308	600	10:29	07:51:24.7	+13:54:34	300	90	3.0	#184 M44 Varia	2	
0178.COMP	10	10:40	07:51:24.7	+13:54:34	300	90	3.0	#184 M44 Varia	2	
0179.N2213330181	600	10:41	08:00:36.8	+08:43:52	300	90	3.0	#184 M44 Varia	2	
0180.COMP	10	10:52	08:00:36.8	+08:43:52	300	90	3.0	#184 M44 Varia	2	
0181.N2222120359	600	10:53	07:18:14.3	+30:38:08	300	90	3.0	#184 M44 Varia	2	
0182.COMP	10	11:03	07:18:14.3	+30:38:08	300	90	3.0	#184 M44 Varia	2	
0183.N2301103684	600	11:04	08:07:30.6	+37:48:28	300	90	3.0	#184 M44 Varia	2	
0184.COMP	10	11:15	08:07:30.6	+37:48:28	300	90	3.0	#184 M44 Varia	2	
0185.N2301203450	300	11:16	07:08:59.4	+34:41:27	300	90	3.0	#184 M44 Varia	2	
0186.COMP	10	11:21	07:08:59.4	+34:41:27	300	90	3.0	#184 M44 Varia	2	
0187.N2303211384	300	11:22	07:24:41.5	+40:22:32	300	90	3.0	#184 M44 Varia	2	

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0188.COMP	10	11:27	07:24:41.5	+40:22:32	300	90	3.0	#184 M44 Varia	2	
0189.N2303212433	180	11:29	07:23:18.2	+37:12:00	300	90	3.0	#184 M44 Varia	2	
0190.COMP	10	11:32	07:23:18.2	+37:12:00	300	90	3.0	#184 M44 Varia	2	
0191.N2312023427	300	11:37	08:10:44.9	+23:11:42	300	90	3.0	#184 M44 Varia	2	
0192.COMP	10	11:42	08:10:44.9	+23:11:42	300	90	3.0	#184 M44 Varia	2	
0193.N2312013218	600	11:44	08:05:53.8	+20:20:54	300	90	3.0	#184 M44 Varia	2	
0194.COMP	10	11:54	08:05:53.8	+20:20:54	300	90	3.0	#184 M44 Varia	2	
0195.N2312023919	600	11:55	08:14:24.1	+24:31:47	300	90	3.0	#184 M44 Varia	2	
0196.COMP	10	12:05	08:14:24.1	+24:31:47	300	90	3.0	#184 M44 Varia	2	
0197.N222213373	300	12:07	07:06:59.5	+31:36:19	300	90	3.0	#184 M44 Varia	2	
0198.COMP	10	12:12	07:06:59.5	+31:36:19	300	90	3.0	#184 M44 Varia	2	
0199.N222232140	600	12:14	07:12:06.0	+29:37:40	300	90	3.0	#184 M44 Varia	2	
0200.COMP	10	12:24	07:12:06.0	+29:37:40	300	90	3.0	#184 M44 Varia	2	
0201.N2301032814	900	12:26	07:45:28.5	+28:10:13	300	90	3.0	#184 M44 Varia	2	
0202.COMP	10	12:41	07:45:28.5	+28:10:13	300	90	3.0	#184 M44 Varia	2	
0203.NSV5285	900	12:50	11:39:50.5	+45:58:19	300	90	3.0	#6 AGN Monitor	2	
0204.COMP	10	13:05	11:39:50.5	+45:58:19	300	90	3.0	#6 AGN Monitor	2	
0205.N3227	180	13:10	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0206.N3227	180	13:13	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0207.COMP	10	13:21	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	

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0208.Feige34	180	13:26	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0209.Feige34	180	13:29	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0210.COMP	10	13:32	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0211-0220.BIAS	0	13:45	10:39:36.7	+43:06:09	300	90	3.0	#57 Velocity S	2	
0221-0235.FLAT	7	13:51	10:39:36.7	+43:06:09	300	90	3.0	#57 Velocity S	2	
0236-0240.DARK	900	14:54	10:39:36.7	+43:06:09	300	90	3.0	#57 Velocity S	2	

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0001-0005.DARK	900	00:26	10:39:36.7	+43:06:09	300	90	3.0	#57 Velocity S	2	
0006-0015.BIAS	0	00:44	10:39:36.7	+43:06:09	300	90	3.0	#57 Velocity S	2	
0016-0030.FLAT	7	00:49	10:39:36.7	+43:06:09	300	90	3.0	#57 Velocity S	2	
0031.N7331	180	01:20	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0032.N7331	180	01:23	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0033.COMP	10	01:27	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0034.BDp284211	90	01:29	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0035.BDp284211	90	01:31	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0036.COMP	10	01:32	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0037.BDp174708	20	01:34	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0038.BDp174708	20	01:34	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0039.COMP	10	01:35	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0040.INVL08	1800	01:52	19:54:24.3	+20:52:47	300	110	3.0	#186 IPHAS AGB	2	
0041.COMP	10	02:23	19:54:24.3	+20:52:47	300	110	3.0	#186 IPHAS AGB	2	
0042.INVL08	1800	02:24	19:54:24.3	+20:52:47	300	110	3.0	#186 IPHAS AGB	2	
0043.COMP	10	02:54	19:54:24.3	+20:52:47	300	110	3.0	#186 IPHAS AGB	2	
0044.sn2008hh	1800	03:02	01:26:03.7	+11:26:27	300	0	3.0	#2 SN Observat	2	
0045.COMP	10	03:32	01:26:03.7	+11:26:27	300	0	3.0	#2 SN Observat	2	
0046.sn2008hh	1800	03:33	01:26:03.7	+11:26:27	300	0	3.0	#2 SN Observat	2	
0047.COMP	10	04:04	01:26:03.7	+11:26:27	300	0	3.0	#2 SN Observat	2	

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0048.w5b6232	180	04:21	02:52:40.3	+60:11:36	300	90	3.0	#179 OB Stars	2	
0049.COMP	10	04:25	02:52:40.3	+60:11:36	300	90	3.0	#179 OB Stars	2	
0050.w5b6232	1200	04:26	02:52:40.3	+60:11:36	300	90	3.0	#179 OB Stars	2	
0051.COMP	10	04:46	02:52:40.3	+60:11:36	300	90	3.0	#179 OB Stars	2	
0052.w5e511	1200	06:34	02:49:54.5	+60:51:50	300	90	3.0	#179 OB Stars	2	
0053.COMP	10	06:55	02:49:54.5	+60:51:50	300	90	3.0	#179 OB Stars	2	
0054.w5d3593	600	06:56	02:52:40.3	+60:11:37	300	90	3.0	#179 OB Stars	2	
0055.COMP	10	07:14	02:52:40.3	+60:11:37	300	90	3.0	#179 OB Stars	2	
0056.w5f1164	900	07:26	02:56:06.6	+60:16:22	300	90	3.0	#179 OB Stars	2	
0057.COMP	10	07:42	02:56:06.6	+60:16:22	300	90	3.0	#179 OB Stars	2	
0058.w5d1288	900	07:43	02:50:53.2	+59:59:40	300	90	3.0	#179 OB Stars	2	
0059.COMP	10	07:59	02:50:53.2	+59:59:40	300	90	3.0	#179 OB Stars	2	
0060.w5d3867	600	08:09	02:52:49.9	+60:09:02	300	90	3.0	#179 OB Stars	2	
0061.COMP	10	08:19	02:52:49.9	+60:09:02	300	90	3.0	#179 OB Stars	2	
0062.w5f1430	900	08:23	02:56:22.6	+60:30:29	300	90	3.0	#179 OB Stars	2	
0063.COMP	10	08:38	02:56:22.6	+60:30:29	300	90	3.0	#179 OB Stars	2	
0064.w5d4215	600	08:40	02:53:03.2	+60:01:21	300	90	3.0	#179 OB Stars	2	
0065.COMP	10	08:51	02:53:03.2	+60:01:21	300	90	3.0	#179 OB Stars	2	
0066.w5a5409	600	08:53	02:55:03.9	+60:38:28	300	90	3.0	#179 OB Stars	2	
0067.COMP	10	09:03	02:55:03.9	+60:38:28	300	90	3.0	#179 OB Stars	2	

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0068.w5f320	600	09:05	02:55:14.5	+60:16:49	300	90	3.0	#179 OB Stars	2	
0069.COMP	10	09:16	02:55:14.5	+60:16:49	300	90	3.0	#179 OB Stars	2	
0070.w5d494	600	09:17	02:50:13.4	+60:14:09	300	90	3.0	#179 OB Stars	2	
0071.COMP	10	09:35	02:50:13.4	+60:14:09	300	90	3.0	#179 OB Stars	2	
0072.w5d494	900	09:38	02:50:13.4	+60:14:09	300	90	3.0	#179 OB Stars	2	
0073.COMP	10	09:54	02:50:13.4	+60:14:09	300	90	3.0	#179 OB Stars	2	
0074.w5a5340	900	09:56	02:55:02.2	+60:31:09	300	90	3.0	#179 OB Stars	2	
0075.COMP	10	10:12	02:55:02.2	+60:31:09	300	90	3.0	#179 OB Stars	2	
0076.w5a5340	900	10:13	02:55:02.2	+60:31:09	300	90	3.0	#179 OB Stars	2	
0077.COMP	10	10:28	02:55:02.2	+60:31:09	300	90	3.0	#179 OB Stars	2	
0078.N23013118	900	10:31	07:35:33.6	+31:50:51	300	90	3.0	#184 M44 Varia	2	
0079.COMP	10	10:46	07:35:33.6	+31:50:51	300	90	3.0	#184 M44 Varia	2	
0080.N2301313237	600	10:49	07:33:17.6	+31:43:33	300	90	3.0	#184 M44 Varia	2	
0081.COMP	10	10:59	07:33:17.6	+31:43:33	300	90	3.0	#184 M44 Varia	2	
0082.N2301313299	600	11:00	07:34:10.8	+31:36:53	300	90	3.0	#184 M44 Varia	2	
0083.COMP	10	11:10	07:34:10.8	+31:36:53	300	90	3.0	#184 M44 Varia	2	
0084.N230321311	600	11:12	07:26:25.8	+37:27:30	300	90	3.0	#184 M44 Varia	2	
0085.COMP	10	11:22	07:26:25.8	+37:27:30	300	90	3.0	#184 M44 Varia	2	
0086.N2311302285	600	11:24	09:29:43.1	+20:49:28	300	90	3.0	#184 M44 Varia	2	
0087.COMP	10	11:35	09:29:43.1	+20:49:28	300	90	3.0	#184 M44 Varia	2	

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0088.N2312000199	600	11:36	07:54:08.6	+24:10:34	300	90	3.0	#184 M44 Varia	2	
0089.COMP	10	11:46	07:54:08.6	+24:10:34	300	90	3.0	#184 M44 Varia	2	
0090.N231200197	600	11:49	07:58:26.2	+22:22:00	300	90	3.0	#184 M44 Varia	2	
0091.COMP	10	11:59	07:58:26.2	+22:22:00	300	90	3.0	#184 M44 Varia	2	
0092.N2312103415	600	12:02	08:21:22.8	+14:00:15	300	90	3.0	#184 M44 Varia	2	
0093.COMP	10	12:12	08:21:22.8	+14:00:15	300	90	3.0	#184 M44 Varia	2	
0094.N3227	180	12:15	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0095.N3227	180	12:18	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0096.COMP	10	12:22	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0097.N3226	240	12:25	10:23:27.0	+19:53:55	300	90	3.0	#185 NGC3227 M	2	
0098.N3226	240	12:29	10:23:27.0	+19:53:55	300	90	3.0	#185 NGC3227 M	2	
0099.COMP	10	12:33	10:23:27.0	+19:53:55	300	90	3.0	#185 NGC3227 M	2	
0100.Feige34	180	12:37	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0101.Feige34	180	12:40	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0102.COMP	10	12:43	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0103-0112.BIAS	0	12:55	11:39:50.5	+45:58:19	300	90	3.0	#57 Velocity S	2	
0113-0127.FLAT	7	13:01	11:39:50.5	+45:58:19	300	90	3.0	#57 Velocity S	2	
0128-0132.DARK	900	14:13	11:39:50.5	+45:58:19	300	90	3.0	#57 Velocity S	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	22:36	11:39:50.5	+45:58:19	300	90	3.0	#57 Velocity S	2	
0011-0025.FLAT	7	22:42	11:39:50.5	+45:58:19	300	90	3.0	#57 Velocity S	2	
0026.COMP	10	22:45	11:39:50.5	+45:58:19	300	90	3.0	#57 Velocity S	2	
0027-0031.DARK	900	23:49	11:39:50.5	+45:58:19	300	90	3.0	#57 Velocity S	2	
0032.BDp174708	45	01:21	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0033.BDp174708	45	01:23	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0034.BDp174708	45	01:24	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0035.COMP	10	01:26	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0036.BDp284211	90	01:40	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0037.BDp284211	90	01:42	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0038.COMP	10	01:44	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0039.S1636.53+4154	600	01:48	20:16:36.5	+41:54:12	300	90	3.0	#183 Young Sta	2	
0040.COMP	10	01:59	20:16:36.5	+41:54:12	300	90	3.0	#183 Young Sta	2	
0041.S1703.90+4206	600	02:01	20:17:03.9	+42:06:07	300	90	3.0	#183 Young Sta	2	
0042.COMP	10	02:12	20:17:03.9	+42:06:07	300	90	3.0	#183 Young Sta	2	
0043.S1709.84+3920	600	02:23	20:17:09.8	+39:20:44	300	90	3.0	#183 Young Sta	2	
0044.COMP	10	02:33	20:17:09.8	+39:20:44	300	90	3.0	#183 Young Sta	2	
0045.S1709.84+3920	900	02:33	20:17:09.8	+39:20:44	300	90	3.0	#183 Young Sta	2	
0046.COMP	10	02:49	20:17:09.8	+39:20:44	300	90	3.0	#183 Young Sta	2	
0047.S1726.71+4150	360	02:52	20:17:26.7	+41:50:47	300	90	3.0	#183 Young Sta	2	

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0048.COMP	10	02:58	20:17:26.7	+41:50:47	300	90	3.0	#183 Young Sta	2	
0049.S1728.24+4104	900	03:08	20:17:28.2	+41:04:02	300	90	3.0	#183 Young Sta	2	
0050.COMP	10	03:23	20:17:28.2	+41:04:02	300	90	3.0	#183 Young Sta	2	
0051.sn2008hi	1200	03:36	00:26:42.0	-03:35:56	300	3	3.0	#2 SN Observat	2	
0052.COMP	10	03:56	00:26:42.0	-03:35:56	300	3	3.0	#2 SN Observat	2	Thin clouds
0053.225m280	240	04:36	00:44:29.8	+41:21:25	300	90	3.0	#57 Velocity S	2	Clear
0054.COMP	10	04:41	00:44:29.8	+41:21:25	300	90	3.0	#57 Velocity S	2	
0055.225m280	240	04:42	00:44:29.8	+41:21:25	300	90	3.0	#57 Velocity S	2	
0056.COMP	10	04:46	00:44:29.8	+41:21:25	300	90	3.0	#57 Velocity S	2	
0057.IPHASB_1293	1200	05:03	01:46:34.1	+62:33:17	300	90	3.0	#157 IPHAS	2	
0058.COMP	10	05:24	01:46:34.1	+62:33:17	300	90	3.0	#157 IPHAS	2	
0059.IPHASB_1292	480	05:27	01:46:24.4	+61:10:37	300	90	3.0	#157 IPHAS	2	
0060.COMP	10	05:35	01:46:24.4	+61:10:37	300	90	3.0	#157 IPHAS	2	
0061.IPHASB_1294	1200	05:39	01:46:57.4	+63:00:32	300	90	3.0	#157 IPHAS	2	
0062.COMP	10	06:00	01:46:57.4	+63:00:32	300	90	3.0	#157 IPHAS	2	
0063.IPHASB_1295	360	06:11	01:46:59.6	+61:12:30	300	90	3.0	#157 IPHAS	2	Extra star in slit around pixel 100
0064.COMP	10	06:17	01:46:59.6	+61:12:30	300	90	3.0	#157 IPHAS	2	
0065.IPHASB_1291	360	06:20	01:46:20.4	+64:48:03	300	90	3.0	#157 IPHAS	2	
0066.COMP	10	06:26	01:46:20.4	+64:48:03	300	90	3.0	#157 IPHAS	2	
0067.IPHASB_1297	300	06:29	01:48:07.1	+63:16:13	300	90	3.0	#157 IPHAS	2	

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0068.COMP	10	06:34	01:48:07.1	+63:16:13	300	90	3.0	#157 IPHAS	2	
0069.IPHASB_1298	300	06:36	01:48:43.4	+64:28:54	300	90	3.0	#157 IPHAS	2	
0070.COMP	10	06:42	01:48:43.4	+64:28:54	300	90	3.0	#157 IPHAS	2	
0071.IPHASB_1299	360	06:44	01:49:05.2	+62:49:12	300	90	3.0	#157 IPHAS	2	
0072.COMP	10	06:51	01:49:05.2	+62:49:12	300	90	3.0	#157 IPHAS	2	
0073.IPHASB_1301	1200	06:53	01:50:01.2	+64:22:20	300	90	3.0	#157 IPHAS	2	
0074.COMP	10	07:13	01:50:01.2	+64:22:20	300	90	3.0	#157 IPHAS	2	
0075.IPHASB_1302	360	07:15	01:50:22.9	+65:27:43	300	90	3.0	#157 IPHAS	2	
0076.COMP	10	07:21	01:50:22.9	+65:27:43	300	90	3.0	#157 IPHAS	2	
0077.IPHASB_1303	360	07:24	01:50:25.7	+60:22:45	300	90	3.0	#157 IPHAS	2	
0078.COMP	10	07:31	01:50:25.7	+60:22:45	300	90	3.0	#157 IPHAS	2	
0079.IPHASB_1305	1200	07:32	01:50:30.7	+63:41:33	300	90	3.0	#157 IPHAS	2	
0080.COMP	10	07:53	01:50:30.7	+63:41:33	300	90	3.0	#157 IPHAS	2	
0081.IPHASB_1306	600	07:54	01:50:37.7	+64:44:47	300	90	3.0	#157 IPHAS	2	
0082.COMP	10	08:05	01:50:37.7	+64:44:47	300	90	3.0	#157 IPHAS	2	
0083.IPHASB_1307	1020	08:17	01:50:40.9	+63:45:27	300	90	3.0	#157 IPHAS	2	
0084.COMP	10	08:40	01:50:40.9	+63:45:27	300	90	3.0	#157 IPHAS	2	
0085.2M063022.87+1810231	1200	08:52	06:30:22.9	+18:10:23	300	90	3.0	#141 Mapping t	2	Extra star around pixel 30
0086.COMP	10	09:12	06:30:22.9	+18:10:23	300	90	3.0	#141 Mapping t	2	
0087.2M063040.34+1818398	1500	09:19	06:30:40.3	+18:18:40	300	90	3.0	#141 Mapping t	2	

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0088.COMP	10	09:44	06:30:40.3	+18:18:40	300	90	3.0	#141 Mapping t	2	
0089.2M063213.08+1804002	1500	09:50	06:32:13.1	+18:04:00	300	90	3.0	#141 Mapping t	2	
0090.COMP	10	10:16	06:32:13.1	+18:04:00	300	90	3.0	#141 Mapping t	2	
0091.2M070044.16+1036497	1020	10:28	07:00:44.2	+10:36:50	300	90	3.0	#141 Mapping t	2	
0092.COMP	10	10:45	07:00:44.2	+10:36:50	300	90	3.0	#141 Mapping t	2	
0093.N2313012736	240	11:00	08:52:30.9	+20:27:57	300	90	3.0	#184 M44 Varia	2	
0094.COMP	10	11:05	08:52:30.9	+20:27:57	300	90	3.0	#184 M44 Varia	2	
0095.N2313012747	240	11:07	08:52:37.4	+20:26:58	300	90	3.0	#184 M44 Varia	2	
0096.COMP	10	11:11	08:52:37.4	+20:26:58	300	90	3.0	#184 M44 Varia	2	
0097.N2313013421	240	11:13	08:52:56.9	+20:17:52	300	90	3.0	#184 M44 Varia	2	
0098.COMP	10	11:17	08:52:56.9	+20:17:52	300	90	3.0	#184 M44 Varia	2	
0099.N2313131599	180	11:19	08:35:18.1	+15:15:29	300	90	3.0	#184 M44 Varia	2	
0100.COMP	10	11:22	08:35:18.1	+15:15:29	300	90	3.0	#184 M44 Varia	2	
0101.N2332020710	300	11:24	08:03:31.4	+30:25:45	300	90	3.0	#184 M44 Varia	2	
0102.COMP	10	11:30	08:03:31.4	+30:25:45	300	90	3.0	#184 M44 Varia	2	
0103.N2332223592	240	11:32	08:26:33.2	+33:21:13	300	90	3.0	#184 M44 Varia	2	
0104.COMP	10	11:36	08:26:33.2	+33:21:13	300	90	3.0	#184 M44 Varia	2	
0105.N2332303433	270	11:38	08:30:06.4	+30:41:43	300	90	3.0	#184 M44 Varia	2	
0106.COMP	10	11:43	08:30:06.4	+30:41:43	300	90	3.0	#184 M44 Varia	2	
0107.N2332330316	150	11:51	08:15:13.4	+29:03:37	300	90	3.0	#184 M44 Varia	2	

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0108.COMP	10	11:54	08:15:13.4	+29:03:37	300	90	3.0	#184 M44 Varia	2	
0109.N2333022602	150	11:56	08:48:12.5	+37:40:09	300	90	3.0	#184 M44 Varia	2	
0110.COMP	10	11:59	08:48:12.5	+37:40:09	300	90	3.0	#184 M44 Varia	2	
0111.N221223394	60	12:02	07:41:19.8	+08:22:48	300	90	3.0	#184 M44 Varia	2	
0112.COMP	10	12:03	07:41:19.8	+08:22:48	300	90	3.0	#184 M44 Varia	2	
0113.N2312200194	60	12:06	08:55:21.0	+24:22:59	300	90	3.0	#184 M44 Varia	2	
0114.COMP	10	12:07	08:55:21.0	+24:22:59	300	90	3.0	#184 M44 Varia	2	
0115.N2312220160	45	12:13	08:40:05.0	+19:43:45	300	90	3.0	#184 M44 Varia	2	
0116.COMP	10	12:15	08:40:05.0	+19:43:45	300	90	3.0	#184 M44 Varia	2	
0117.N231333146	45	12:24	08:52:55.6	+15:48:59	300	90	3.0	#184 M44 Varia	2	
0118.COMP	10	12:25	08:52:55.6	+15:48:59	300	90	3.0	#184 M44 Varia	2	
0119.N3227	180	12:28	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0120.N3227	180	12:32	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0121.COMP	10	12:35	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0122.N3227	180	12:36	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0123.N3227	180	12:39	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0124.COMP	10	12:43	10:23:30.6	+19:51:54	300	90	3.0	#56 Spectropho	2	
0125.Feige34	180	12:44	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0126.COMP	10	12:48	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0127-0136.BIAS	0	12:58	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	



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0137-0151.FLAT	7	13:03	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0152-0156.DARK	900	14:17	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.BIAS	0	22:15	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0011-0025.FLAT	7	22:21	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0026.COMP	10	22:22	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0027-0031.DARK	900	23:25	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0032.BDp174708	60	01:25	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	Thin cloud cover
0033.BDp174708	60	01:26	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0034.BDp174708	60	01:27	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0035.COMP	10	01:29	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0036.BDp284211	105	01:31	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0037.BDp284211	105	01:33	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0038.COMP	10	01:35	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0039.BLLac	300	01:43	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	
0040.BLLac	300	01:48	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	
0041.COMP	10	01:54	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	
0042.BFCyg	45	01:56	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0043.BFCyg	45	01:58	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0044.COMP	10	01:59	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0045.CICyg	4	02:00	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0046.CICyg	15	02:01	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0047.CICyg	30	02:02	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0048.COMP	10	02:03	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0049.N7331	240	02:05	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0050.COMP	10	02:09	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0051.sn2008ha	1800	02:51	23:34:52.7	+18:13:35	300	90	3.0	#2 SN Observat	2	
0052.COMP	10	03:21	23:34:52.7	+18:13:35	300	90	3.0	#2 SN Observat	2	
0053.sn2008ha	1800	03:32	23:34:52.7	+18:13:35	300	90	3.0	#2 SN Observat	2	
0054.COMP	10	04:02	23:34:52.7	+18:13:35	300	90	3.0	#2 SN Observat	2	
0055.IPHASB_1308	480	04:25	01:51:05.7	+61:16:03	300	90	3.0	#157 IPHAS	2	
0056.COMP	10	04:34	01:51:05.7	+61:16:03	300	90	3.0	#157 IPHAS	2	
0057.IPHASB_1309	1200	04:37	01:51:09.1	+64:14:22	300	90	3.0	#157 IPHAS	2	
0058.COMP	10	04:57	01:51:09.1	+64:14:22	300	90	3.0	#157 IPHAS	2	
0059.IPHASB_1312	1020	04:59	01:52:21.9	+63:57:40	300	90	3.0	#157 IPHAS	2	
0060.COMP	10	05:17	01:52:21.9	+63:57:40	300	90	3.0	#157 IPHAS	2	
0061.IPHASB_1313	1200	05:18	01:52:26.3	+63:18:40	300	90	3.0	#157 IPHAS	2	
0062.COMP	10	05:39	01:52:26.3	+63:18:40	300	90	3.0	#157 IPHAS	2	
0063.IPHASB_1314	900	05:41	01:53:07.2	+65:01:10	300	90	3.0	#157 IPHAS	2	
0064.COMP	10	05:57	01:53:07.2	+65:01:10	300	90	3.0	#157 IPHAS	2	
0065.ZAnd	1	06:03	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0066.ZAnd	5	06:03	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0067.ZAnd	10	06:04	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	

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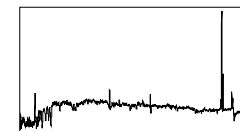
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0068.ZAnd	30	06:04	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0069.COMP	10	06:05	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0070.3C66A	420	06:07	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	Thicker clouds coming in
0071.COMP	10	06:15	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0072.w5d1709	600	06:21	02:51:13.2	+59:55:10	300	90	3.0	#179 OB Stars	2	
0073.COMP	10	06:31	02:51:13.2	+59:55:10	300	90	3.0	#179 OB Stars	2	
0074.w5b1237	600	06:33	02:50:13.4	+60:14:09	300	90	3.0	#179 OB Stars	2	
0075.COMP	10	06:43	02:50:13.4	+60:14:09	300	90	3.0	#179 OB Stars	2	
0076.w5b5080	600	06:45	02:52:05.8	+60:19:19	300	90	3.0	#179 OB Stars	2	
0077.COMP	10	06:56	02:52:05.8	+60:19:19	300	90	3.0	#179 OB Stars	2	
0078.w5b226	420	06:58	02:49:29.1	+60:24:49	300	90	3.0	#179 OB Stars	2	
0079.COMP	10	07:06	02:49:29.1	+60:24:49	300	90	3.0	#179 OB Stars	2	
0080.w5c1391	240	07:08	02:58:34.4	+60:30:26	300	90	3.0	#179 OB Stars	2	
0081.COMP	10	07:12	02:58:34.4	+60:30:26	300	90	3.0	#179 OB Stars	2	
0082.w5a4978	240	07:16	02:54:51.4	+60:39:25	300	90	3.0	#179 OB Stars	2	
0083.COMP	10	07:20	02:54:51.4	+60:39:25	300	90	3.0	#179 OB Stars	2	
0084.w5d784	240	07:23	02:50:27.4	+60:09:23	300	90	3.0	#179 OB Stars	2	
0085.COMP	10	07:27	02:50:27.4	+60:09:23	300	90	3.0	#179 OB Stars	2	
0086.w5b576	240	07:29	02:49:44.7	+60:25:38	300	90	3.0	#179 OB Stars	2	
0087.COMP	10	07:34	02:49:44.7	+60:25:38	300	90	3.0	#179 OB Stars	2	

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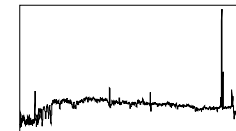
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0088.w5f2127	240	07:36	02:57:08.0	+60:31:16	300	90	3.0	#179 OB Stars	2	
0089.COMP	10	07:40	02:57:08.0	+60:31:16	300	90	3.0	#179 OB Stars	2	
0090.w5f2942	240	07:42	02:57:56.3	+60:15:05	300	90	3.0	#179 OB Stars	2	
0091.COMP	10	07:46	02:57:56.3	+60:15:05	300	90	3.0	#179 OB Stars	2	
0092.w5e227	300	07:48	02:49:33.3	+60:59:06	300	90	3.0	#179 OB Stars	2	
0093.COMP	10	07:54	02:49:33.3	+60:59:06	300	90	3.0	#179 OB Stars	2	
0094.w5d1550	600	07:56	02:51:06.0	+60:13:19	300	90	3.0	#179 OB Stars	2	
0095.COMP	10	08:06	02:51:06.0	+60:13:19	300	90	3.0	#179 OB Stars	2	
0096.w5e632	600	08:09	02:50:03.7	+61:08:32	300	90	3.0	#179 OB Stars	2	
0097.COMP	10	08:19	02:50:03.7	+61:08:32	300	90	3.0	#179 OB Stars	2	
0098-0107.BIAS	0	12:36	02:50:49.4	+60:55:48	300	90	3.0	#56 Spectropho	2	
0108-0122.FLAT	7	12:41	02:50:49.4	+60:55:48	300	90	3.0	#56 Spectropho	2	
0123-0127.DARK	900	13:59	02:50:49.4	+60:55:48	300	90	3.0	#56 Spectropho	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.BIAS	0	22:36	02:50:49.4	+60:55:48	300	90	3.0	#56 Spectropho	2	
0011-0025.FLAT	7	22:42	02:50:49.4	+60:55:48	300	90	3.0	#56 Spectropho	2	
0026-0030.DARK	900	23:55	02:50:49.4	+60:55:48	300	90	3.0	#56 Spectropho	2	
0031.BDp174708	45	02:09	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0032.BDp174708	45	02:10	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0033.BDp174708	45	02:11	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0034.COMP	10	02:12	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	Cleared up!
0035.BDp284211	90	02:14	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0036.BDp284211	90	02:15	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0037.COMP	10	02:17	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0038.N7331	180	02:20	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0039.COMP	10	02:23	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	Clouds are back
0040.BLLac	600	02:38	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	
0041.COMP	10	02:49	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	
0042.w5b2813	300	06:30	02:51:06.0	+60:13:18	300	90	3.0	#179 OB Stars	2	
0043.COMP	10	06:35	02:51:06.0	+60:13:18	300	90	3.0	#179 OB Stars	2	
0044.w5c2481	120	06:37	02:59:22.5	+60:30:21	300	90	3.0	#179 OB Stars	2	
0045.COMP	10	06:40	02:59:22.5	+60:30:21	300	90	3.0	#179 OB Stars	2	
0046.IPHASB_1315	600	06:43	01:53:29.1	+64:31:28	300	90	3.0	#157 IPHAS	2	
0047.COMP	10	06:53	01:53:29.1	+64:31:28	300	90	3.0	#157 IPHAS	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0048.IPHASB_1317	720	06:54	01:54:27.2	+61:22:05	300	90	3.0	#157 IPHAS	2	
0049.COMP	10	07:07	01:54:27.2	+61:22:05	300	90	3.0	#157 IPHAS	2	
0050.IPHASB_1318	1320	07:09	01:55:10.4	+63:21:08	300	90	3.0	#157 IPHAS	2	
0051.COMP	10	07:31	01:55:10.4	+63:21:08	300	90	3.0	#157 IPHAS	2	
0052.IPHASB_1318	1800	07:46	01:55:10.4	+63:21:08	300	90	3.0	#157 IPHAS	2	
0053.COMP	10	08:18	01:55:10.4	+63:21:08	300	90	3.0	#157 IPHAS	2	
0054.w5b4535	600	08:22	02:51:48.2	+60:22:35	300	90	3.0	#179 OB Stars	2	
0055.COMP	10	08:32	02:51:48.2	+60:22:35	300	90	3.0	#179 OB Stars	2	
0056.w5b5373	300	08:34	02:52:14.4	+60:14:14	300	90	3.0	#179 OB Stars	2	
0057.COMP	10	08:42	02:52:14.4	+60:14:14	300	90	3.0	#179 OB Stars	2	
0058.w5e1199	240	08:43	02:50:49.4	+60:55:48	300	90	3.0	#179 OB Stars	2	
0059.COMP	10	08:47	02:50:49.4	+60:55:48	300	90	3.0	#179 OB Stars	2	
0060.N2332130659	600	09:21	08:35:22.2	+27:36:11	300	90	3.0	#184 M44 Varia	2	
0061.COMP	10	09:32	08:35:22.2	+27:36:11	300	90	3.0	#184 M44 Varia	2	
0062.N2332233398	600	09:34	08:17:23.8	+34:54:13	300	90	3.0	#184 M44 Varia	2	
0063.COMP	10	09:44	08:17:23.8	+34:54:13	300	90	3.0	#184 M44 Varia	2	
0064.N23323031839	600	09:47	08:28:34.2	+32:03:58	300	90	3.0	#184 M44 Varia	2	
0065.COMP	10	09:58	08:28:34.2	+32:03:58	300	90	3.0	#184 M44 Varia	2	
0066.N23323031839	1800	09:59	08:28:34.2	+32:03:58	300	90	3.0	#184 M44 Varia	2	
0067.COMP	10	10:30	08:28:34.2	+32:03:58	300	90	3.0	#184 M44 Varia	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0068.N2211030482	900	10:39	07:53:43.4	+19:16:23	300	90	3.0	#184 M44 Varia	2	
0069.COMP	10	10:55	07:53:43.4	+19:16:23	300	90	3.0	#184 M44 Varia	2	
0070-0079.BIAS	0	12:36	07:53:43.4	+19:16:23	300	90	3.0	#157 IPHAS	2	
0080-0094.FLAT	7	12:41	07:53:43.4	+19:16:23	300	90	3.0	#157 IPHAS	2	
0095-0099.DARK	900	13:58	07:53:43.4	+19:16:23	300	90	3.0	#157 IPHAS	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.BIAS	0	23:13	07:53:43.4	+19:16:23	300	90	3.0	#157 IPHAS	2	
0011-0025.FLAT	7	23:18	07:53:43.4	+19:16:23	300	90	3.0	#157 IPHAS	2	
0026-0030.DARK	900	00:29	07:53:43.4	+19:16:23	300	90	3.0	#157 IPHAS	2	
0031.BIAS	0	07:13	04:14:49.1	+31:29:05	300	90	3.0	#157 IPHAS	2	
0032.BIAS	0	07:13	04:14:49.1	+31:29:05	300	90	3.0	#157 IPHAS	1	
0033.BIAS	1	07:15	04:14:49.1	+31:29:05	300	90	3.0	#157 IPHAS	2	
0034.BIAS	0	07:15	04:14:49.1	+31:29:05	300	90	3.0	#157 IPHAS	1	
0035.COMP	10	07:16	04:14:49.1	+31:29:05	300	90	3.0	#157 IPHAS	2	
0036-0045.BIAS	0	12:48	04:14:49.1	+31:29:05	300	90	3.0	#157 IPHAS	2	
0046-0060.FLAT	7	12:54	04:14:49.1	+31:29:05	300	90	3.0	#157 IPHAS	2	
0061.DARK	900	12:56	04:14:49.1	+31:29:05	300	90	3.0	#157 IPHAS	2	
0062.DARK	900	13:11	04:14:49.1	+31:29:05	300	90	3.0	#157 IPHAS	2	Opened chamber door during exposure
0063-0065.DARK	900	13:57	04:14:49.1	+31:29:05	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
0001-0010.BIAS	0	00:13	04:14:49.1	+31:29:05	300	90	3.0	#157 IPHAS	2	
0011-0025.FLAT	7	00:19	04:14:49.1	+31:29:05	300	90	3.0	#157 IPHAS	2	
0026-0030.DARK	900	01:21	04:14:49.1	+31:29:05	300	90	3.0	#157 IPHAS	2	
0031.N2222313237	120	11:00	07:16:34.0	+25:59:41	300	90	3.0	#184 M44 Varia	2	N2222313237
0032.COMP	0	01:21	07:16:34.0	+25:59:41	300	90	3.0	#184 M44 Varia	2	
0033.N2301011390	600	11:06	07:45:27.4	+30:46:40	300	90	3.0	#184 M44 Varia	2	
0034.COMP	0	11:02	07:45:27.4	+30:46:40	300	90	3.0	#184 M44 Varia	2	
0035.N230122360	300	11:18	07:24:52.3	+35:31:24	300	90	3.0	#184 M44 Varia	2	
0036.COMP	0	11:16	07:24:52.3	+35:31:24	300	90	3.0	#184 M44 Varia	2	
0037.COMP	0	11:16	08:42:11.4	+31:32:36	300	90	3.0	#184 M44 Varia	2	
0038.COMP	0	11:16	08:42:11.4	+31:32:36	300	90	3.0	#184 M44 Varia	2	
0039.N2302201128	60	11:41	08:20:34.8	+43:26:25	300	90	3.0	#184 M44 Varia	2	
0040.COMP	0	11:24	08:20:34.8	+43:26:25	300	90	3.0	#184 M44 Varia	2	
0041.N2302201128	180	11:43	08:20:34.8	+43:26:25	300	90	3.0	#184 M44 Varia	2	N2302201128
0042.COMP	0	11:42	08:20:34.8	+43:26:25	300	90	3.0	#184 M44 Varia	2	COMP
0043.N230222336	180	11:49	07:58:26.8	+44:52:35	300	90	3.0	#184 M44 Varia	2	N230222336
0044.COMP	0	11:46	07:58:26.8	+44:52:35	300	90	3.0	#184 M44 Varia	2	
0045.N2302230271	120	11:56	08:11:13.2	+45:47:43	300	90	3.0	#184 M44 Varia	2	
0046.COMP	0	11:53	08:11:13.2	+45:47:43	300	90	3.0	#184 M44 Varia	2	
0047.N3227	180	12:11	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	N3227

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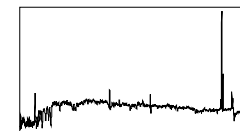
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0048.N3227	180	12:15	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	N3227
0049.COMP	0	11:53	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0050.N3226	180	12:20	10:23:27.0	+19:53:55	300	90	3.0	#185 NGC3227 M	2	
0051.N3226	180	12:23	10:23:27.0	+19:53:55	300	90	3.0	#185 NGC3227 M	2	
0052.COMP	0	12:18	10:23:27.0	+19:53:55	300	90	3.0	#185 NGC3227 M	2	
0053.Feige34	180	12:29	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0054.COMP	0	12:26	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0055.HD84937	20	12:38	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	HD84937
0056.HD84937	20	12:39	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	HD84937
0057.COMP	0	12:26	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0058.N3377	180	12:42	10:47:42.4	+13:59:08	300	90	3.0	#57 Velocity S	2	
0059.N3377	180	12:46	10:47:42.4	+13:59:08	300	90	3.0	#57 Velocity S	2	N3377
0060.COMP	0	12:42	10:47:42.4	+13:59:08	300	90	3.0	#57 Velocity S	2	
0061-0070.BIAS	0	13:07	10:47:42.4	+13:59:08	300	90	3.0	#157 IPHAS	2	
0071-0085.FLAT	7	13:12	10:47:42.4	+13:59:08	300	90	3.0	#157 IPHAS	2	
0086-0090.DARK	900	14:24	10:47:42.4	+13:59:08	300	90	3.0	#157 IPHAS	2	

UT Date 2008-11-29 Observers A VazColl. Focus 1350 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.BIAS	0	22:11	14:20:10.8	+31:33:11	300	90	3.0	#157 IPHAS	2	
0011-0025.FLAT	7	22:17	14:20:10.8	+31:33:11	300	90	3.0	#157 IPHAS	2	
0026-0030.DARK	900	23:30	14:20:10.8	+31:33:11	300	90	3.0	#157 IPHAS	2	
0031-0040.BIAS	0	12:22	14:20:10.8	+31:33:11	300	90	3.0	#157 IPHAS	2	
0041-0055.FLAT	7	12:28	14:20:10.8	+31:33:11	300	90	3.0	#157 IPHAS	2	
0056-0060.DARK	900	13:47	14:20:10.8	+31:33:11	300	90	3.0	#157 IPHAS	2	

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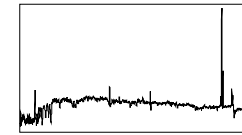
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0004-0014.BIAS	0	00:51	14:20:10.8	+31:33:11	300	90	3.0	#157 IPHAS	2	
0015-0029.FLAT	7	00:57	14:20:10.8	+31:33:11	300	90	3.0	#157 IPHAS	2	
0030.S1728.24+4104	480	01:31	20:17:28.2	+41:04:02	300	90	3.0	#183 Young Sta	2	
0031.COMP	10	01:40	20:17:28.2	+41:04:02	300	90	3.0	#183 Young Sta	2	
0032.S1729.21+4002	600	01:43	20:17:29.2	+40:02:15	300	90	3.0	#183 Young Sta	2	
0033.COMP	10	01:54	20:17:29.2	+40:02:15	300	90	3.0	#183 Young Sta	2	
0034.S1740.45+3921	600	02:00	20:17:40.5	+39:21:19	300	90	3.0	#183 Young Sta	2	
0035.COMP	10	02:11	20:17:40.5	+39:21:19	300	90	3.0	#183 Young Sta	2	
0036.BFCyg	2	02:35	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0037.BFCyg	15	02:35	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0038.COMP	10	02:36	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0039.CICyg	4	02:38	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0040.CICyg	15	02:38	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0041.COMP	10	02:39	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0042.BDp174708	20	02:49	22:11:31.4	+18:05:34	300	56	3.0	#56 Spectropho	2	
0043.BDp174708	20	02:49	22:11:31.4	+18:05:34	300	56	3.0	#56 Spectropho	2	
0044.COMP	10	02:50	22:11:31.4	+18:05:34	300	56	3.0	#56 Spectropho	2	
0045.BDp284211	90	02:53	21:51:11.0	+28:51:50	300	76	3.0	#56 Spectropho	2	
0046.BDp284211	90	02:55	21:51:11.0	+28:51:50	300	76	3.0	#56 Spectropho	2	
0047.COMP	10	02:57	21:51:11.0	+28:51:50	300	76	3.0	#56 Spectropho	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0048.ZAnd	1	03:04	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0049.ZAnd	5	03:05	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0050.ZAnd	30	03:05	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0051.COMP	10	03:07	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0052.S1740.60+3951	900	03:12	20:17:40.6	+39:51:02	300	90	3.0	#183 Young Sta	2	
0053.COMP	10	03:30	20:17:40.6	+39:51:02	300	90	3.0	#183 Young Sta	2	
0054.S1742.00+3919	900	03:33	20:17:42.0	+39:19:59	300	90	3.0	#183 Young Sta	2	
0055.COMP	10	03:49	20:17:42.0	+39:19:59	300	90	3.0	#183 Young Sta	2	
0056.sn2008ha	1800	04:03	23:34:52.7	+18:13:35	300	55	3.0	#2 SN Observat	2	
0057.sn2008ha	1800	04:34	23:34:52.7	+18:13:35	300	55	3.0	#2 SN Observat	2	
0058.COMP	10	05:05	23:34:52.7	+18:13:35	300	55	3.0	#2 SN Observat	2	
0059.225m280	240	05:20	00:44:29.8	+41:21:25	300	90	3.0	#57 Velocity S	2	
0060.COMP	10	05:25	00:44:29.8	+41:21:25	300	90	3.0	#57 Velocity S	2	
0061.IPHASB_1319	720	05:33	01:55:20.6	+61:17:53	300	90	3.0	#157 IPHAS	2	
0062.COMP	10	05:45	01:55:20.6	+61:17:53	300	90	3.0	#157 IPHAS	2	
0063.IPHASB_1320	780	05:58	01:55:24.8	+61:58:36	300	90	3.0	#157 IPHAS	2	
0064.COMP	10	06:13	01:55:24.8	+61:58:36	300	90	3.0	#157 IPHAS	2	
0065.IPHASB_1321	780	06:24	01:55:26.1	+62:50:56	300	90	3.0	#157 IPHAS	2	
0066.COMP	10	06:38	01:55:26.1	+62:50:56	300	90	3.0	#157 IPHAS	2	
0067.IPHASB_1109	780	06:59	00:33:51.3	+61:37:43	300	90	3.0	#157 IPHAS	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0068.COMP	10	07:13	00:33:51.3	+61:37:43	300	90	3.0	#157 IPHAS	2	
0069.IPHASB.1110	780	07:14	00:34:21.4	+60:12:18	300	90	3.0	#157 IPHAS	2	
0070.COMP	10	07:28	00:34:21.4	+60:12:18	300	90	3.0	#157 IPHAS	2	
0071.sn2008hm	1800	07:53	03:27:10.9	+46:56:40	300	90	3.0	#2 SN Observat	2	
0072.COMP	10	08:24	03:27:10.9	+46:56:40	300	90	3.0	#2 SN Observat	2	
0073.N230301115	300	08:31	07:45:06.3	+43:06:39	300	90	3.0	#184 M44 Varia	2	
0074.COMP	10	08:37	07:45:06.3	+43:06:39	300	90	3.0	#184 M44 Varia	2	
0075.N23032033592	240	08:42	07:07:03.0	+37:01:48	300	90	3.0	#184 M44 Varia	2	
0076.COMP	10	08:47	07:07:03.0	+37:01:48	300	90	3.0	#184 M44 Varia	2	
0077.N23032121038	20	08:50	07:24:32.9	+37:35:38	300	90	3.0	#184 M44 Varia	2	
0078.COMP	10	08:51	07:24:32.9	+37:35:38	300	90	3.0	#184 M44 Varia	2	
0079.N23032131180	60	08:59	07:25:33.4	+37:45:28	300	90	3.0	#184 M44 Varia	2	
0080.COMP	10	09:01	07:25:33.4	+37:45:28	300	90	3.0	#184 M44 Varia	2	
0081.N230322065	60	09:04	07:08:21.9	+42:34:48	300	90	3.0	#184 M44 Varia	2	
0082.COMP	10	09:06	07:08:21.9	+42:34:48	300	90	3.0	#184 M44 Varia	2	
0083.N2303230300	60	09:09	07:16:48.1	+39:39:02	300	90	3.0	#184 M44 Varia	2	
0084.COMP	10	09:10	07:16:48.1	+39:39:02	300	90	3.0	#184 M44 Varia	2	
0085.N230331272	24	09:15	07:28:30.6	+40:58:16	300	90	3.0	#184 M44 Varia	2	
0086.COMP	10	09:16	07:28:30.6	+40:58:16	300	90	3.0	#184 M44 Varia	2	
0087.N2303331574	90	09:19	07:31:44.9	+44:19:09	300	90	3.0	#184 M44 Varia	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0088.COMP	10	09:22	07:31:44.9	+44:19:09	300	90	3.0	#184 M44 Varia	2	
0089.N2312232636	70	09:31	08:42:22.0	+23:35:52	300	90	3.0	#184 M44 Varia	2	
0090.COMP	10	09:33	08:42:22.0	+23:35:52	300	90	3.0	#184 M44 Varia	2	
0091.sn2008hn	1800	10:10	08:14:14.2	+21:21:38	300	90	3.0	#2 SN Observat	2	
0092.COMP	10	10:42	08:14:14.2	+21:21:38	300	90	3.0	#2 SN Observat	2	
0093.N3227	180	10:45	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0094.N3227	180	10:49	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0095.COMP	10	10:53	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0096.N3226	180	10:55	10:23:27.0	+19:53:55	300	90	3.0	#185 NGC3227 M	2	
0097.N3226	180	11:00	10:23:27.0	+19:53:55	300	90	3.0	#185 NGC3227 M	2	
0098.COMP	10	11:04	10:23:27.0	+19:53:55	300	90	3.0	#185 NGC3227 M	2	
0099.N2313012776	30	11:09	08:53:55.0	+20:55:06	300	90	3.0	#184 M44 Varia	2	
0100.COMP	10	11:10	08:53:55.0	+20:55:06	300	90	3.0	#184 M44 Varia	2	
0101.N2313033662	20	11:13	08:57:47.7	+20:28:29	300	90	3.0	#184 M44 Varia	2	
0102.COMP	10	11:15	08:57:47.7	+20:28:29	300	90	3.0	#184 M44 Varia	2	
0103.N2313130580	300	11:17	08:45:22.3	+15:16:29	300	90	3.0	#184 M44 Varia	2	
0104.COMP	10	11:23	08:45:22.3	+15:16:29	300	90	3.0	#184 M44 Varia	2	
0105.N2332002345	180	11:26	07:52:29.1	+27:09:16	300	90	3.0	#184 M44 Varia	2	
0106.COMP	10	11:29	07:52:29.1	+27:09:16	300	90	3.0	#184 M44 Varia	2	
0107.N2332330349	120	11:31	08:20:04.1	+28:58:51	300	90	3.0	#184 M44 Varia	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0108.COMP	10	11:34	08:20:04.1	+28:58:51	300	90	3.0	#184 M44 Varia	2	
0109.N233301130	30	11:37	08:47:23.4	+36:27:26	300	90	3.0	#184 M44 Varia	2	
0110.COMP	10	11:38	08:47:23.4	+36:27:26	300	90	3.0	#184 M44 Varia	2	
0111.N233301130	12	11:39	08:47:23.4	+36:27:26	300	90	3.0	#184 M44 Varia	2	
0112.COMP	10	11:40	08:47:23.4	+36:27:26	300	90	3.0	#184 M44 Varia	2	
0113.N2333120543	15	11:43	08:44:54.6	+31:07:42	300	90	3.0	#184 M44 Varia	2	
0114.COMP	10	11:45	08:44:54.6	+31:07:42	300	90	3.0	#184 M44 Varia	2	
0115.N2211310119	240	11:48	08:03:16.1	+18:01:46	300	90	3.0	#184 M44 Varia	2	
0116.COMP	10	11:57	08:03:16.1	+18:01:46	300	90	3.0	#184 M44 Varia	2	
0117.N2230021221	360	12:00	07:43:01.4	+20:17:17	300	90	3.0	#184 M44 Varia	2	
0118.COMP	10	12:07	07:43:01.4	+20:17:17	300	90	3.0	#184 M44 Varia	2	
0119.N2312021221	540	12:20	08:09:55.6	+24:04:48	300	90	3.0	#184 M44 Varia	2	
0120.COMP	10	12:30	08:09:55.6	+24:04:48	300	90	3.0	#184 M44 Varia	2	
0121.Feige34	180	12:43	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0122.COMP	10	12:48	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0123.N2302230285	240	12:59	08:13:31.4	+45:45:16	300	90	3.0	#184 M44 Varia	2	
0124.COMP	10	13:04	08:13:31.4	+45:45:16	300	90	3.0	#184 M44 Varia	2	
0125.N2312030371	600	13:11	08:08:55.3	+22:04:25	300	90	3.0	#184 M44 Varia	2	
0126.COMP	10	13:23	08:08:55.3	+22:04:25	300	90	3.0	#184 M44 Varia	2	
0127-0136.BIAS	0	13:35	08:08:55.3	+22:04:25	300	90	3.0	#184 M44 Varia	2	



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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0137-0151.FLAT	7	13:41	08:08:55.3	+22:04:25	300	90	3.0	#184 M44 Varia	2	
0152-0166.DARK	900	17:21	08:08:55.3	+22:04:25	300	90	3.0	#184 M44 Varia	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001.COMP	10	00:20	08:08:55.3	+22:04:25	300	90	3.0	#184 M44 Varia	2	
0002-0011.BIAS	0	00:24	08:08:55.3	+22:04:25	300	90	3.0	#184 M44 Varia	2	
0012-0026.FLAT	7	00:29	08:08:55.3	+22:04:25	300	90	3.0	#184 M44 Varia	2	
0027.BDp174708	45	02:06	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0028.BDp174708	45	02:07	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0029.BDp174708	45	02:08	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0030.COMP	10	02:09	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0031.BDp284211	90	02:16	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0032.BDp284211	90	02:18	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0033.COMP	10	02:20	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0034.sn2008ha	1800	02:35	23:34:52.7	+18:13:35	300	65	3.0	#2 SN Observat	2	
0035.sn2008ha	1800	03:07	23:34:52.7	+18:13:35	300	65	3.0	#2 SN Observat	2	
0036.COMP	10	03:38	23:34:52.7	+18:13:35	300	65	3.0	#2 SN Observat	2	
0037.an2008hj	1800	04:01	00:04:01.9	-11:10:07	300	21	3.0	#2 SN Observat	2	
0038.COMP	10	04:32	00:04:01.9	-11:10:07	300	21	3.0	#2 SN Observat	2	
0039.w5d3032	120	04:59	02:52:14.5	+60:14:14	300	90	3.0	#179 OB Stars	2	
0040.COMP	10	05:02	02:52:14.5	+60:14:14	300	90	3.0	#179 OB Stars	2	
0041.w5c4310	90	05:05	03:00:41.2	+60:41:22	300	90	3.0	#179 OB Stars	2	
0042.COMP	10	05:06	03:00:41.2	+60:41:22	300	90	3.0	#179 OB Stars	2	
0043.w5d1095	90	05:09	02:50:43.6	+59:52:26	300	90	3.0	#179 OB Stars	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>
0044.COMP	10	05:10	02:50:43.6	+59:52:26	300	90	3.0	#179 OB Stars	2	
0045.w5b2126	90	05:14	02:50:45.5	+60:17:34	300	90	3.0	#179 OB Stars	2	
0046.COMP	10	05:16	02:50:45.5	+60:17:34	300	90	3.0	#179 OB Stars	2	
0047.w5f3662	90	05:18	02:58:27.9	+60:25:24	300	90	3.0	#179 OB Stars	2	
0048.COMP	10	05:20	02:58:27.9	+60:25:24	300	90	3.0	#179 OB Stars	2	
0049.w5f3355	90	05:23	02:58:14.0	+60:22:16	300	90	3.0	#179 OB Stars	2	
0050.COMP	10	05:24	02:58:14.0	+60:22:16	300	90	3.0	#179 OB Stars	2	
0051.225m280	240	05:32	00:44:29.8	+41:21:25	300	90	3.0	#57 Velocity S	2	
0052.COMP	10	05:36	00:44:29.8	+41:21:25	300	90	3.0	#57 Velocity S	2	
0053.w5d3365	90	05:41	02:52:31.4	+59:51:19	300	90	3.0	#179 OB Stars	2	
0054.COMP	10	05:43	02:52:31.4	+59:51:19	300	90	3.0	#179 OB Stars	2	
0055.w5a4701	90	05:45	02:54:42.9	+60:31:31	300	90	3.0	#179 OB Stars	2	
0056.COMP	10	05:47	02:54:42.9	+60:31:31	300	90	3.0	#179 OB Stars	2	
0057.w5c959	90	05:49	02:58:14.0	+60:22:16	300	90	3.0	#179 OB Stars	2	
0058.COMP	10	05:50	02:58:14.0	+60:22:16	300	90	3.0	#179 OB Stars	2	
0059.w5b1762	90	05:54	02:50:33.1	+60:29:00	300	90	3.0	#179 OB Stars	2	
0060.COMP	10	05:55	02:50:33.1	+60:29:00	300	90	3.0	#179 OB Stars	2	
0061.w5c2559	90	06:01	02:59:25.8	+60:34:16	300	90	3.0	#179 OB Stars	2	
0062.COMP	10	06:03	02:59:25.8	+60:34:16	300	90	3.0	#179 OB Stars	2	
0063.IPHASB.1176	480	06:10	00:59:30.3	+61:38:55	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
0064.COMP	10	06:19	00:59:30.3	+61:38:55	300	90	3.0	#157 IPHAS	2	
0065.IPHASB_1174	480	06:22	00:58:59.2	+63:26:03	300	90	3.0	#157 IPHAS	2	
0066.COMP	10	06:30	00:58:59.2	+63:26:03	300	90	3.0	#157 IPHAS	2	
0067.IPHASB_1173	480	06:33	00:58:37.6	+66:34:56	300	90	3.0	#157 IPHAS	2	
0068.COMP	10	06:41	00:58:37.6	+66:34:56	300	90	3.0	#157 IPHAS	2	
0069.IPHASB_1172	600	06:44	00:58:09.9	+62:44:13	300	90	3.0	#157 IPHAS	2	
0070.COMP	10	06:54	00:58:09.9	+62:44:13	300	90	3.0	#157 IPHAS	2	
0071.IPHASB_1171	480	06:57	00:57:43.7	+64:02:35	300	90	3.0	#157 IPHAS	2	
0072.COMP	10	07:05	00:57:43.7	+64:02:35	300	90	3.0	#157 IPHAS	2	
0073.sn2008hm	1800	07:48	03:27:10.9	+46:56:40	300	-50	3.0	#2 SN Observat	2	
0074.COMP	10	08:18	03:27:10.9	+46:56:40	300	-50	3.0	#2 SN Observat	2	
0075.2M054313.57+1328280	1800	09:17	05:43:13.6	+13:28:28	300	90	3.0	#141 Mapping t	2	
0076.COMP	10	09:48	05:43:13.6	+13:28:28	300	90	3.0	#141 Mapping t	2	
0077.2M054317.77+3138489	1800	09:53	05:43:17.8	+31:38:49	300	90	3.0	#141 Mapping t	2	
0078.COMP	10	10:23	05:43:17.8	+31:38:49	300	90	3.0	#141 Mapping t	2	
0079.N2312203148	90	10:27	08:51:40.3	+24:20:24	300	90	3.0	#184 M44 Varia	2	
0080.COMP	10	10:29	08:51:40.3	+24:20:24	300	90	3.0	#184 M44 Varia	2	
0081.N2312302826	270	10:31	08:32:01.4	+18:42:56	300	90	3.0	#184 M44 Varia	2	
0082.COMP	10	10:36	08:32:01.4	+18:42:56	300	90	3.0	#184 M44 Varia	2	
0083.N2313102557	270	10:39	08:36:34.1	+14:13:47	300	90	3.0	#184 M44 Varia	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>
0084.COMP	10	10:44	08:36:34.1	+14:13:47	300	90	3.0	#184 M44 Varia	2	
0085.N2313311495	270	10:46	09:05:41.5	+18:07:04	300	90	3.0	#184 M44 Varia	2	
0086.COMP	10	10:51	09:05:41.5	+18:07:04	300	90	3.0	#184 M44 Varia	2	
0087.N2332033658	270	10:53	08:03:28.8	+26:41:41	300	90	3.0	#185 NGC3227 M	2	
0088.COMP	10	10:58	08:03:28.8	+26:41:41	300	90	3.0	#185 NGC3227 M	2	
0089.N2332231362	330	11:00	08:23:16.2	+36:00:52	300	90	3.0	#184 M44 Varia	2	
0090.COMP	10	11:07	08:23:16.2	+36:00:52	300	90	3.0	#184 M44 Varia	2	
0091.N2332302402	330	11:10	08:33:09.2	+30:02:52	300	90	3.0	#184 M44 Varia	2	
0092.COMP	10	11:16	08:33:09.2	+30:02:52	300	90	3.0	#184 M44 Varia	2	
0093.N2332303150	330	11:19	08:30:00.2	+31:28:28	300	90	3.0	#184 M44 Varia	2	
0094.COMP	10	11:25	08:30:00.2	+31:28:28	300	90	3.0	#184 M44 Varia	2	
0095.N2332321331	330	11:26	08:27:49.7	+28:08:30	300	90	3.0	#184 M44 Varia	2	
0096.COMP	10	11:32	08:27:49.7	+28:08:30	300	90	3.0	#184 M44 Varia	2	
0097.N2210230129	90	11:34	08:24:06.7	+02:56:38	300	90	3.0	#184 M44 Varia	2	
0098.COMP	10	11:37	08:24:06.7	+02:56:38	300	90	3.0	#184 M44 Varia	2	
0099.N2210231163	90	11:38	08:19:50.1	+02:54:58	300	90	3.0	#184 M44 Varia	2	
0100.COMP	10	11:40	08:19:50.1	+02:54:58	300	90	3.0	#184 M44 Varia	2	
0101.N2211132197	45	11:43	07:46:18.7	+13:13:01	300	90	3.0	#184 M44 Varia	2	
0102.COMP	10	11:45	07:46:18.7	+13:13:01	300	90	3.0	#184 M44 Varia	2	
0103.N2312221477	45	11:47	08:47:40.8	+21:22:43	300	90	3.0	#184 M44 Varia	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0104.COMP	10	11:48	08:47:40.8	+21:22:43	300	90	3.0	#184 M44 Varia	2	
0105.N2312302437	60	11:50	08:27:40.3	+19:15:44	300	90	3.0	#184 M44 Varia	2	
0106.COMP	10	11:52	08:27:40.3	+19:15:44	300	90	3.0	#184 M44 Varia	2	
0107.N2332103681	300	11:54	08:51:19.4	+25:33:25	300	90	3.0	#184 M44 Varia	2	
0108.COMP	10	12:00	08:51:19.4	+25:33:25	300	90	3.0	#184 M44 Varia	2	
0109.N233212116	20	12:02	08:32:51.1	+25:19:01	300	90	3.0	#184 M44 Varia	2	
0110.COMP	10	12:02	08:32:51.1	+25:19:01	300	90	3.0	#184 M44 Varia	2	
0111.N3227	180	12:11	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0112.N3227	180	12:14	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0113.COMP	10	12:18	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0114.Feige34	180	12:22	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0115.COMP	10	12:25	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0116.2M090443.69+1956081	1200	12:30	09:04:43.7	+19:56:08	300	90	3.0	#141 Mapping t	2	
0117.COMP	10	12:51	09:04:43.7	+19:56:08	300	90	3.0	#141 Mapping t	2	
0118.2M090815.98+1028437	1200	12:54	09:08:16.0	+10:28:44	300	65	3.0	#141 Mapping t	2	
0119.COMP	10	13:14	09:08:16.0	+10:28:44	300	65	3.0	#141 Mapping t	2	
0120-0129.BIAS	0	13:22	09:08:16.0	+10:28:44	300	90	3.0	#184 M44 Varia	2	
0130-0144.FLAT	7	13:27	09:08:16.0	+10:28:44	300	90	3.0	#184 M44 Varia	2	
0145-0149.DARK	900	14:41	09:08:16.0	+10:28:44	300	90	3.0	#184 M44 Varia	2	