

UT Date 2008-10-02 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	02:03	19:23:47.6	+31:29:21	300	90	3.0	#157 IPHAS	2	
0002-0010.BIAS	0	02:19	18:58:56.6	+32:41:22	300	90	3.0	#157 IPHAS	2	
0011-0030.FLAT	7	02:25	18:58:56.6	+32:41:22	300	90	3.0	#157 IPHAS	2	
0031.BDp284211	120	02:53	21:51:11.0	+28:51:50	300	104	3.0	#56 Spectropho	2	awesome seeing!
0032.COMP	10	02:55	21:51:11.0	+28:51:50	300	104	3.0	#56 Spectropho	2	
0033.BDp174708	40	02:59	22:11:31.4	+18:05:34	300	110	3.0	#56 Spectropho	2	
0034.COMP	10	03:00	22:11:31.4	+18:05:34	300	110	3.0	#56 Spectropho	2	
0035.IFS024	780	03:03	20:07:59.6	+39:02:11	300	90	3.0	#186 IPHAS AGB	2	
0036.COMP	10	03:18	20:07:59.6	+39:02:11	300	90	3.0	#186 IPHAS AGB	2	
0037.IFC031	600	03:19	20:07:14.2	+39:00:06	300	90	3.0	#186 IPHAS AGB	2	
0038.COMP	10	03:30	20:07:14.2	+39:00:06	300	90	3.0	#186 IPHAS AGB	2	
0039.IFS025	1320	03:32	20:07:28.9	+39:03:28	300	90	3.0	#186 IPHAS AGB	2	chip warming
0040.COMP	10	03:54	20:07:28.9	+39:03:28	300	90	3.0	#186 IPHAS AGB	2	
0041.BIAS	0	04:11	20:07:28.9	+39:03:28	300	90	3.0	#186 IPHAS AGB	2	
0042.IFS025	1320	04:12	20:07:28.9	+39:03:28	300	90	3.0	#186 IPHAS AGB	2	bad
0043.BIAS	0	06:41	23:54:21.2	+31:27:26	300	90	3.0	#186 IPHAS AGB	2	
0044.fast3	1500	06:44	00:00:00.0	+00:00:00	300	90	3.0	#186 IPHAS AGB	2	bad
0045-0054.DARK	900	12:03	00:00:00.0	+00:00:00	300	90	3.0	#186 IPHAS AGB	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0002.DARK	900	01:21	17:43:53.6	+31:30:38	300	90	3.0	#186 IPHAS AGB	2	
0003-0012.BIAS	0	01:38	17:43:53.6	+31:30:38	300	90	3.0	#186 IPHAS AGB	2	
0013-0032.FLAT	7	01:44	17:43:53.6	+31:30:38	300	90	3.0	#186 IPHAS AGB	2	
0033.HTR159-008	10	01:59	22:02:52.2	+47:17:14	300	30	3.0	#99 Other	2	For D. Latham
0034.HTR159-008B	60	02:05	22:02:52.2	+47:17:14	300	105	3.0	#99 Other	2	
0035.HTR159-008A	10	02:08	22:02:52.2	+47:17:14	300	105	3.0	#99 Other	2	
0036.COMP	10	02:12	22:02:52.2	+47:17:14	300	105	3.0	#99 Other	2	
0037.S3957.81+4300	1200	02:15	20:39:57.8	+43:00:02	300	90	3.0	#183 Young Sta	2	
0038.COMP	12	02:36	20:39:57.8	+43:00:02	300	90	3.0	#183 Young Sta	2	
0039.YYHer	10	02:39	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0040.YYHer	60	02:39	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0041.COMP	10	02:40	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0042.AS296	30	02:44	18:15:07.0	-00:18:52	300	90	3.0	#12 Symbiotic	2	
0043.AS296	120	02:45	18:15:07.0	-00:18:52	300	90	3.0	#12 Symbiotic	2	
0044.COMP	10	02:47	18:15:07.0	-00:18:52	300	90	3.0	#12 Symbiotic	2	
0045.Hen1674	120	02:51	18:20:19.1	-26:22:46	300	90	3.0	#12 Symbiotic	2	row=76
0046.Hen1674	600	02:56	18:20:19.1	-26:22:46	300	90	3.0	#12 Symbiotic	2	
0047.COMP	10	03:07	18:20:19.1	-26:22:46	300	90	3.0	#12 Symbiotic	2	
0048.AS316	30	03:09	18:42:33.0	-21:17:47	300	90	3.0	#12 Symbiotic	2	
0049.AS316	300	03:10	18:42:33.0	-21:17:47	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>
0050.COMP	10	03:16	18:42:33.0	-21:17:47	300	90	3.0	#12 Symbiotic	2	
0051.AS327	30	03:17	18:53:17.0	-24:22:59	300	90	3.0	#12 Symbiotic	2	
0052.AS327	300	03:18	18:53:17.0	-24:22:59	300	90	3.0	#12 Symbiotic	2	
0053.COMP	10	03:23	18:53:17.0	-24:22:59	300	90	3.0	#12 Symbiotic	2	
0054.V919Sgr	15	03:26	19:03:45.0	-16:59:56	300	90	3.0	#12 Symbiotic	2	
0055.V919Sgr	30	03:26	19:03:45.0	-16:59:56	300	90	3.0	#12 Symbiotic	2	
0056.COMP	10	03:27	19:03:45.0	-16:59:56	300	90	3.0	#12 Symbiotic	2	
0057.V443Her	5	03:29	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0058.V443Her	45	03:30	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0059.V443Her	90	03:31	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0060.COMP	10	03:33	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0061.AS338	90	03:34	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0062.AS338	600	03:36	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0063.COMP	10	03:46	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0064.BFCyg	15	03:52	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0065.BFCyg	15	03:53	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0066.COMP	10	03:54	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0067.CHCyg	1	03:55	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0068.CHCyg	5	03:56	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0069.CHCyg	30	03:56	19:24:33.0	+50:14:30	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>
0070.COMP	10	03:57	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0071.AS360	60	04:00	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0072.AS360	300	04:02	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0073.COMP	10	04:07	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0074.CICyg	4	04:09	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0075.CICyg	15	04:09	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0076.COMP	10	04:10	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0077.PUVul	1	04:12	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0078.PUVul	10	04:12	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0079.PUVul	60	04:12	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0080.COMP	10	04:14	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0081.S3923.89+4208	1200	04:16	20:39:23.9	+42:08:39	300	90	3.0	#183 Young Sta	2	
0082.COMP	10	04:36	20:39:23.9	+42:08:39	300	90	3.0	#183 Young Sta	2	
0083.S4330.13+4255	1200	04:41	20:43:30.1	+42:55:33	300	90	3.0	#183 Young Sta	2	
0084.COMP	10	05:02	20:43:30.1	+42:55:33	300	90	3.0	#183 Young Sta	2	
0085.S4308.86+4246	1080	05:03	20:43:08.9	+42:46:08	300	90	3.0	#183 Young Sta	2	
0086.COMP	10	05:22	20:43:08.9	+42:46:08	300	90	3.0	#183 Young Sta	2	
0087.S3639.87+4250	960	05:23	20:36:39.9	+42:50:07	300	90	3.0	#183 Young Sta	2	
0088.COMP	10	05:40	20:36:39.9	+42:50:07	300	90	3.0	#56 Spectropho	2	
0089.BDp284211	90	05:42	21:51:11.0	+28:51:50	300	76	3.0	#56 Spectropho	2	

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0090.COMP	10	05:44	21:51:11.0	+28:51:50	300	76	3.0	#56 Spectropho	2	
0091.BDp174708	25	05:46	22:11:31.4	+18:05:34	300	49	3.0	#56 Spectropho	2	
0092.COMP	10	05:47	22:11:31.4	+18:05:34	300	49	3.0	#56 Spectropho	2	
0093.M31	60	05:50	00:42:44.3	+41:16:09	300	90	3.0	#57 Velocity S	2	
0094.COMP	10	05:51	00:42:44.3	+41:16:09	300	90	3.0	#57 Velocity S	2	
0095.IFS025	1800	05:53	20:07:28.9	+39:03:28	300	90	3.0	#186 IPHAS AGB	2	
0096.COMP	10	06:24	20:07:28.9	+39:03:28	300	90	3.0	#186 IPHAS AGB	2	
0097.IFS026	1500	06:25	20:07:05.8	+39:01:57	300	90	3.0	#186 IPHAS AGB	2	row=80
0098.COMP	10	06:54	20:07:05.8	+39:01:57	300	90	3.0	#186 IPHAS AGB	2	
0099.IPHASB_3905	180	06:56	22:02:46.3	+52:35:51	300	90	3.0	#157 IPHAS	2	
0100.COMP	10	06:59	22:02:46.3	+52:35:51	300	90	3.0	#157 IPHAS	2	
0101.IPHASB_3907	300	07:01	22:03:12.1	+59:33:25	300	90	3.0	#157 IPHAS	2	
0102.COMP	10	07:06	22:03:12.1	+59:33:25	300	90	3.0	#157 IPHAS	2	
0103.IPHASB_3909	180	07:08	22:03:27.1	+59:43:44	300	90	3.0	#157 IPHAS	2	
0104.COMP	10	07:11	22:03:27.1	+59:43:44	300	90	3.0	#157 IPHAS	2	
0105.IPHASB_3910	180	07:12	22:03:30.1	+58:28:04	300	90	3.0	#157 IPHAS	2	
0106.COMP	10	07:16	22:03:30.1	+58:28:04	300	90	3.0	#157 IPHAS	2	
0107.IPHASB_3911	270	07:17	22:03:32.7	+59:35:31	300	90	3.0	#157 IPHAS	2	
0108.COMP	10	07:22	22:03:32.7	+59:35:31	300	90	3.0	#157 IPHAS	2	
0109.IPHASB_3913	180	07:23	22:03:52.6	+56:06:26	300	90	3.0	#157 IPHAS	2	

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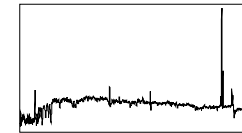
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0110.COMP	10	07:26	22:03:52.6	+56:06:26	300	90	3.0	#157 IPHAS	2	
0111.IPHASB_3914	120	07:28	22:03:56.6	+59:18:30	300	90	3.0	#157 IPHAS	2	
0112.COMP	10	07:30	22:03:56.6	+59:18:30	300	90	3.0	#157 IPHAS	2	
0113.IPHASB_3916	210	07:31	22:04:08.2	+56:02:47	300	90	3.0	#157 IPHAS	2	
0114.COMP	10	07:35	22:04:08.2	+56:02:47	300	90	3.0	#157 IPHAS	2	
0115.IPHASB_3917	420	07:36	22:04:19.3	+55:08:27	300	90	3.0	#157 IPHAS	2	
0116.COMP	10	07:44	22:04:19.3	+55:08:27	300	90	3.0	#157 IPHAS	2	
0117.IPHASB_3920	240	07:45	22:04:26.6	+57:51:43	300	90	3.0	#157 IPHAS	2	
0118.COMP	10	07:50	22:04:26.6	+57:51:43	300	90	3.0	#157 IPHAS	2	
0119.IPHASB_3921	420	07:51	22:04:28.0	+57:55:25	300	75	3.0	#157 IPHAS	2	
0120.COMP	10	07:59	22:04:28.0	+57:55:25	300	75	3.0	#157 IPHAS	2	
0121.SDSS0132-0027	1200	08:17	01:32:35.3	-00:27:05	300	90	3.0	#165 Quasar Br	2	
0122.SDSS0132-0027	1200	08:37	01:32:35.3	-00:27:05	300	90	3.0	#165 Quasar Br	2	
0123.SDSS0132-0027	1200	08:57	01:32:35.3	-00:27:05	300	90	3.0	#165 Quasar Br	2	
0124.COMP	10	09:18	01:32:35.3	-00:27:05	300	90	3.0	#165 Quasar Br	2	
0125.sn2008gb	1800	09:32	02:57:57.1	+46:51:57	300	-6	3.0	#2 SN Observat	2	
0126.COMP	10	10:03	02:57:57.1	+46:51:57	300	-6	3.0	#2 SN Observat	2	
0127.EGAnd	1	10:07	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0128.EGAnd	5	10:07	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0129.EGAnd	10	10:08	00:44:37.0	+40:40:47	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>
0130.COMP	10	10:08	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0131.AXPer	4	10:11	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0132.AXPer	30	10:11	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0133.AXPer	90	10:12	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0134.COMP	5	10:14	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0135.GITau	240	10:16	04:33:34.0	+24:21:18	300	90	3.0	#12 Symbiotic	2	
0136.COMP	10	10:20	04:33:34.0	+24:21:18	300	90	3.0	#12 Symbiotic	2	
0137.GKTau	240	10:21	04:33:34.5	+24:21:07	300	90	3.0	#12 Symbiotic	2	
0138.COMP	10	10:26	04:33:34.5	+24:21:07	300	90	3.0	#12 Symbiotic	2	
0139.A00235+16	1200	10:29	02:38:38.9	+16:36:59	300	90	3.0	#6 AGN Monitor	2	
0140.COMP	10	10:50	02:38:38.9	+16:36:59	300	90	3.0	#6 AGN Monitor	2	
0141.3C66A	900	10:52	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0142.COMP	10	11:08	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0143.03111130-1114336	300	11:10	03:11:11.3	-11:14:34	300	90	3.0	#141 Mapping t	2	
0144.COMP	10	11:16	03:11:11.3	-11:14:34	300	90	3.0	#141 Mapping t	2	
0145.03115938-0453286	1500	11:18	03:11:59.4	-04:53:29	300	20	3.0	#141 Mapping t	2	
0146.COMP	10	11:43	03:11:59.4	-04:53:29	300	20	3.0	#141 Mapping t	2	
0147.03113956+3522261	360	11:46	03:11:39.6	+35:22:26	300	90	3.0	#141 Mapping t	2	
0148.COMP	10	11:53	03:11:39.6	+35:22:26	300	90	3.0	#141 Mapping t	2	
0149.03113987+3417371	180	11:54	03:11:39.9	+34:17:37	300	90	3.0	#141 Mapping t	2	

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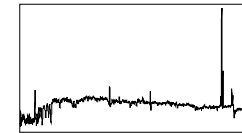
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0150.COMP	10	11:58	03:11:39.9	+34:17:37	300	90	3.0	#141 Mapping t	2	
0151.03114342+4322561	210	11:59	03:11:43.4	+43:22:56	300	90	3.0	#141 Mapping t	2	
0152.COMP	10	12:03	03:11:43.4	+43:22:56	300	90	3.0	#141 Mapping t	2	
0153.03114614+0517532	720	12:05	03:11:46.1	+05:17:53	300	90	3.0	#141 Mapping t	2	
0154.COMP	10	12:17	03:11:46.1	+05:17:53	300	90	3.0	#141 Mapping t	2	
0155.BGGem	300	12:19	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0156.COMP	10	12:25	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0157.BXMon	15	12:28	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0158.BXMon	180	12:28	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0159.COMP	10	12:32	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0160.Hiltner600	90	12:33	06:45:13.4	+02:08:15	300	90	3.0	#56 Spectropho	2	
0161.COMP	10	12:35	06:45:13.4	+02:08:15	300	90	3.0	#56 Spectropho	2	
0162-0168.sky	2	13:12	06:22:57.6	+22:30:50	300	90	3.0	#57 Velocity S	2	
0169.COMP	10	13:13	06:22:57.6	+22:30:50	300	90	3.0	#57 Velocity S	2	
0170-0179.BIAS	0	13:16	06:22:57.6	+22:30:50	300	90	3.0	#57 Velocity S	2	
0180-0199.FLAT	7	13:23	06:22:57.6	+22:30:50	300	90	3.0	#57 Velocity S	2	
0200-0214.DARK	900	16:59	06:22:57.6	+22:30:50	300	90	3.0	#57 Velocity S	2	



UT Date 2008-10-10 Observers M Calkins

Coll. 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>
.	0	1:21	19:16:07.7	+31:29:26	300	90	3.0			no data taken, cloudy night

UT Date 2008-10-11 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.FLAT	10	01:21	19:16:07.7	+31:29:26	300	90	3.0	#57 Velocity S	2	

UT Date 2008-10-21 Observers Sumin TangColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	00:36	19:11:06.2	+31:29:30	300	90	3.0	#57 Velocity S	2	
0002.FLAT	10	00:37	19:11:06.2	+31:29:30	300	90	3.0	#57 Velocity S	2	
0003.COMP	5	00:39	19:11:06.2	+31:29:30	300	90	3.0	#57 Velocity S	2	
0004.COMP	5	00:42	19:11:06.2	+31:29:30	300	90	3.0	#57 Velocity S	2	
0005-0014.BIAS	0	01:19	19:11:06.2	+31:29:30	300	90	3.0	#57 Velocity S	2	
0015-0029.FLAT	7	01:25	19:11:06.2	+31:29:30	300	90	3.0	#57 Velocity S	2	
0030.DARK	900	01:26	19:11:06.2	+31:29:30	300	90	3.0	#57 Velocity S	2	
0031.COMP	7	01:43	19:11:06.2	+31:29:30	300	90	3.0	#57 Velocity S	2	
0032.BDp284211	90	02:32	21:51:11.0	+28:51:50	300	109	3.0	#56 Spectropho	2	
0033.COMP	10	02:35	21:51:11.0	+28:51:50	300	109	3.0	#56 Spectropho	2	
0034.BDp174708	20	02:47	22:11:31.4	+18:05:34	300	-20	3.0	#56 Spectropho	2	
0035.COMP	10	02:48	22:11:31.4	+18:05:34	300	-20	3.0	#56 Spectropho	2	
0036.AS338	90	02:58	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0037.AS338	600	03:00	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0038.COMP	10	03:10	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0039.BFCyg	15	03:14	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0040.BFCyg	15	03:15	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0041.COMP	10	03:16	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0042.SDSS2136+0041	1200	03:22	21:36:38.6	+00:41:54	300	90	3.0	#165 Quasar Br	2	
0043.SDSS2136+0041	1200	03:42	21:36:38.6	+00:41:54	300	90	3.0	#165 Quasar Br	2	

UT Date 2008-10-21 Observers Sumin TangColl. 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>
0044.SDSS2136+0041	1200	04:03	21:36:38.6	+00:41:54	300	90	3.0	#165 Quasar Br	2	
0045.COMP	10	04:24	21:36:38.6	+00:41:54	300	90	3.0	#165 Quasar Br	2	
0046.sn2008gj	1800	04:33	22:36:28.6	+21:37:55	300	28	3.0	#2 SN Observat	2	
0047.COMP	10	05:04	22:36:28.6	+21:37:55	300	28	3.0	#2 SN Observat	2	
0048.IPHASB_3923	240	05:16	22:04:32.1	+54:03:11	300	90	3.0	#157 IPHAS	2	
0049.COMP	10	05:21	22:04:32.1	+54:03:11	300	90	3.0	#157 IPHAS	2	
0050.IPHASB_3925	420	05:25	22:04:33.5	+57:38:34	300	90	3.0	#157 IPHAS	2	
0051.COMP	10	05:33	22:04:33.5	+57:38:34	300	90	3.0	#157 IPHAS	2	
0052.IPHASB_3927	480	05:35	22:04:53.2	+57:01:08	300	90	3.0	#157 IPHAS	2	
0053.COMP	10	05:44	22:04:53.2	+57:01:08	300	90	3.0	#157 IPHAS	2	
0054.IPHASB_3928	420	05:46	22:05:08.2	+55:30:36	300	90	3.0	#157 IPHAS	2	
0055.COMP	10	05:54	22:05:08.2	+55:30:36	300	90	3.0	#157 IPHAS	2	
0056.SDSS2313+0034	1200	05:59	23:13:24.5	+00:34:45	300	90	3.0	#165 Quasar Br	2	
0057.SDSS2313+0034	1200	06:19	23:13:24.5	+00:34:45	300	90	3.0	#165 Quasar Br	2	
0058.SDSS2313+0034	1200	06:39	23:13:24.5	+00:34:45	300	90	3.0	#165 Quasar Br	2	
0059.COMP	10	07:00	23:13:24.5	+00:34:45	300	90	3.0	#165 Quasar Br	2	
0060.SDSS0132-0027	1200	07:05	01:32:35.3	-00:27:05	300	90	3.0	#165 Quasar Br	2	
0061.SDSS0132-0027	1200	07:26	01:32:35.3	-00:27:05	300	90	3.0	#165 Quasar Br	2	
0062.SDSS0132-0027	1200	07:46	01:32:35.3	-00:27:05	300	90	3.0	#165 Quasar Br	2	
0063.COMP	10	08:07	01:32:35.3	-00:27:05	300	90	3.0	#165 Quasar Br	2	

UT Date 2008-10-21 Observers Sumin TangColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0064.3C66A	300	08:11	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0065.3C66A	300	08:16	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0066.COMP	10	08:22	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0067.sn2008gb	1800	08:31	02:57:57.1	+46:51:57	300	-6	3.0	#2 SN Observat	2	
0068.COMP	10	09:02	02:57:57.1	+46:51:57	300	-6	3.0	#2 SN Observat	2	
0069.02394577+4713295	660	09:08	02:39:45.8	+47:13:29	300	89	3.0	#141 Mapping t	2	
0070.COMP	10	09:19	02:39:45.8	+47:13:29	300	89	3.0	#141 Mapping t	2	
0071.04023827+3617429	1020	09:22	04:02:38.3	+36:17:43	300	89	3.0	#141 Mapping t	2	
0072.COMP	10	09:40	04:02:38.3	+36:17:43	300	89	3.0	#141 Mapping t	2	
0073.04030348+1515062	900	09:43	04:03:03.5	+15:15:06	300	89	3.0	#141 Mapping t	2	
0074.COMP	10	09:59	04:03:03.5	+15:15:06	300	89	3.0	#141 Mapping t	2	
0075.04033995+1528549	720	10:01	04:03:39.9	+15:28:55	300	89	3.0	#141 Mapping t	2	
0076.COMP	10	10:14	04:03:39.9	+15:28:55	300	89	3.0	#141 Mapping t	2	
0077.04045924+1622373	1500	10:16	04:04:59.2	+16:22:37	300	89	3.0	#141 Mapping t	2	
0078.COMP	10	10:42	04:04:59.2	+16:22:37	300	89	3.0	#141 Mapping t	2	
0079.04050074+2523524	780	10:45	04:05:00.7	+25:23:52	300	75	3.0	#141 Mapping t	2	
0080.COMP	10	10:59	04:05:00.7	+25:23:52	300	75	3.0	#141 Mapping t	2	
0081.04050083+7647397	1500	11:04	04:05:00.8	+76:47:40	300	90	3.0	#141 Mapping t	2	
0082.COMP	10	11:30	04:05:00.8	+76:47:40	300	90	3.0	#141 Mapping t	2	
0083.FU_Ori	20	11:34	05:45:22.4	+09:04:12	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
0084.FU_Ori	20	11:35	05:45:22.4	+09:04:12	300	90	3.0	#184 M44 Varia	2	
0085.COMP	10	11:36	05:45:22.4	+09:04:12	300	90	3.0	#184 M44 Varia	2	
0086.N2313102243	20	11:42	08:30:38.3	+14:07:09	300	90	3.0	#184 M44 Varia	2	
0087.N2313102243	100	11:44	08:30:38.3	+14:07:09	300	90	3.0	#184 M44 Varia	2	
0088.N2313102243	100	11:48	08:30:38.3	+14:07:09	300	90	3.0	#184 M44 Varia	2	
0089.COMP	10	11:50	08:30:38.3	+14:07:09	300	90	3.0	#184 M44 Varia	2	
0090.SU_Tau	20	11:53	05:49:03.7	+19:04:22	300	90	3.0	#184 M44 Varia	2	
0091.SU_Tau	20	11:53	05:49:03.7	+19:04:22	300	90	3.0	#184 M44 Varia	2	
0092.COMP	10	11:54	05:49:03.7	+19:04:22	300	90	3.0	#184 M44 Varia	2	
0093.N2312200194	20	11:57	08:55:21.0	+24:22:59	300	90	3.0	#184 M44 Varia	2	
0094.N2312200194	20	11:58	08:55:21.0	+24:22:59	300	90	3.0	#184 M44 Varia	2	
0095.COMP	10	11:59	08:55:21.0	+24:22:59	300	90	3.0	#184 M44 Varia	2	
0096.05382893+0104084	1320	12:07	05:38:28.9	+01:04:08	300	90	3.0	#141 Mapping t	2	
0097.COMP	10	12:29	05:38:28.9	+01:04:08	300	90	3.0	#141 Mapping t	2	
0098.HD52071	5	12:31	07:00:58.2	+27:09:27	300	90	3.0	#57 Velocity S	2	
0099.COMP	10	12:32	07:00:58.2	+27:09:27	300	90	3.0	#57 Velocity S	2	
0100-0109.BIAS	0	12:42	06:03:31.0	+27:41:50	300	90	3.0	#165 Quasar Br	2	
0110-0149.FLAT	7	12:56	06:03:31.0	+27:41:50	300	90	3.0	#165 Quasar Br	2	
0150-0159.DARK	900	15:18	06:03:31.0	+27:41:50	300	90	3.0	#165 Quasar Br	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	19:36	14:10:01.4	+31:33:04	300	90	3.0	#165 Quasar Br	2	
0002.FLAT	10	19:36	14:10:01.4	+31:33:04	300	90	3.0	#165 Quasar Br	2	
0003.COMP	5	20:30	14:10:01.4	+31:33:04	300	90	3.0	#165 Quasar Br	2	
0004-0008.DARK	900	00:30	14:10:01.4	+31:33:04	300	90	3.0	#165 Quasar Br	2	
0009-0018.BIAS	0	00:48	14:10:01.4	+31:33:04	300	90	3.0	#165 Quasar Br	2	
0019-0033.FLAT	7	00:56	14:10:01.4	+31:33:04	300	90	3.0	#165 Quasar Br	2	
0034.FLAT	7	01:05	14:10:01.4	+31:33:04	300	90	3.0	#165 Quasar Br	2	I forgot to turn on the incand lamp, failed
0035-0048.FLAT	7	01:09	14:10:01.4	+31:33:04	300	90	3.0	#165 Quasar Br	2	
0049.CICyg	4	01:44	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	row=85
0050.CICyg	15	01:44	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	row=85
0051.COMP	10	01:47	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0052.BDp174708	45	02:43	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	row=66
0053.BDp174708	45	02:44	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	row=66
0054.BDp174708	45	02:45	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	row=66
0055.COMP	10	02:47	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	row=66
0056.BDp284211	120	02:49	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	row=66
0057.BDp284211	120	02:51	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	row=65
0058.COMP	10	02:56	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0059.S3714.92+4216	1500	03:04	20:37:14.9	+42:16:27	300	90	3.0	#183 Young Sta	2	row=89
0060.COMP	10	03:29	20:37:14.9	+42:16:27	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
0061.ZAnd	1	03:37	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	row=87
0062.ZAnd	5	03:38	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	row=79
0063.ZAnd	30	03:40	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	row=78
0064.COMP	10	03:41	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0065.S3859.17+4205	1600	03:48	20:38:59.2	+42:05:19	300	80	3.0	#183 Young Sta	2	
0066.COMP	10	04:16	20:38:59.2	+42:05:19	300	80	3.0	#183 Young Sta	2	
0067.SDSS2215-0045	1200	04:26	22:15:11.9	-00:45:50	300	90	3.0	#165 Quasar Br	2	out of focus
0068.COMP	10	04:52	22:15:11.9	-00:45:50	300	90	3.0	#165 Quasar Br	2	
0069.IPHASB_3930	300	04:59	22:05:31.4	+51:33:13	300	90	3.0	#157 IPHAS	2	
0070.COMP	10	05:06	22:05:31.4	+51:33:13	300	90	3.0	#157 IPHAS	2	
0071.IPHASB_3929	400	05:08	22:05:18.2	+54:02:47	300	90	3.0	#157 IPHAS	2	
0072.COMP	10	05:16	22:05:18.2	+54:02:47	300	90	3.0	#157 IPHAS	2	
0073.IPHASB_3933	450	05:19	22:05:47.7	+52:53:54	300	80	3.0	#157 IPHAS	2	windy & out of focus, failed
0074.COMP	10	05:28	22:05:47.7	+52:53:54	300	80	3.0	#157 IPHAS	2	
0075.M32	30	05:53	00:42:41.8	+40:51:55	300	90	3.0	#57 Velocity S	2	
0076.COMP	10	05:54	00:42:41.8	+40:51:55	300	90	3.0	#57 Velocity S	2	
0077.IPHASB_3933	450	06:01	22:05:47.7	+52:53:54	300	80	3.0	#157 IPHAS	2	
0078.COMP	10	06:10	22:05:47.7	+52:53:54	300	80	3.0	#157 IPHAS	2	
0079.SDSS0045+1438	1200	06:14	00:45:27.7	+14:38:16	300	90	3.0	#165 Quasar Br	2	
0080.COMP	10	06:35	00:45:27.7	+14:38:16	300	90	3.0	#165 Quasar Br	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>
0081.1ES2344p514	400	07:02	23:47:04.6	+51:42:18	300	90	3.0	#6 AGN Monitor	2	
0082.1ES2344p514	400	07:09	23:47:04.6	+51:42:18	300	90	3.0	#6 AGN Monitor	2	
0083.COMP	10	07:16	23:47:04.6	+51:42:18	300	90	3.0	#6 AGN Monitor	2	
0084.IPHASB_1389	200	07:27	02:13:10.8	+57:24:07	300	90	3.0	#157 IPHAS	2	
0085.COMP	10	07:31	02:13:10.8	+57:24:07	300	90	3.0	#157 IPHAS	2	
0086.IPHASB_1391	400	07:34	02:13:26.0	+62:20:43	300	90	3.0	#157 IPHAS	2	
0087.COMP	10	07:41	02:13:26.0	+62:20:43	300	90	3.0	#157 IPHAS	2	
0088.IPHASB_1392	360	07:44	02:13:31.7	+56:19:01	300	90	3.0	#157 IPHAS	2	
0089.COMP	10	07:50	02:13:31.7	+56:19:01	300	90	3.0	#157 IPHAS	2	
0090.IPHASB_1394	300	07:53	02:13:36.5	+60:18:29	300	90	3.0	#157 IPHAS	2	
0091.COMP	10	07:59	02:13:36.5	+60:18:29	300	90	3.0	#157 IPHAS	2	
0092.IPHASB_1400	160	08:01	02:15:33.0	+62:32:37	300	90	3.0	#157 IPHAS	2	
0093.COMP	10	08:04	02:15:33.0	+62:32:37	300	90	3.0	#157 IPHAS	2	
0094.IPHASB_1402	200	08:06	02:15:44.4	+58:24:57	300	90	3.0	#157 IPHAS	2	
0095.COMP	10	08:10	02:15:44.4	+58:24:57	300	90	3.0	#157 IPHAS	2	
0096.IPHASB_1403	750	08:12	02:16:30.5	+60:57:59	300	90	3.0	#157 IPHAS	2	
0097.COMP	10	08:25	02:16:30.5	+60:57:59	300	90	3.0	#157 IPHAS	2	
0098.IPHASB_1404	600	08:28	02:16:47.4	+64:28:13	300	90	3.0	#157 IPHAS	2	
0099.COMP	10	08:41	02:16:47.4	+64:28:13	300	90	3.0	#157 IPHAS	2	
0100.IPHASB_1405	900	08:44	02:17:02.5	+65:27:07	300	90	3.0	#157 IPHAS	2	

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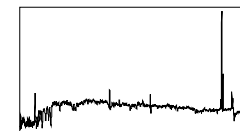
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0101.COMP	10	09:00	02:17:02.5	+65:27:07	300	90	3.0	#157 IPHAS	2	
0102.IPHASB_1407	480	09:01	02:17:20.4	+59:29:22	300	90	3.0	#157 IPHAS	2	
0103.COMP	10	09:10	02:17:20.4	+59:29:22	300	90	3.0	#157 IPHAS	2	
0104.IPHASB_1409	280	09:12	02:17:44.4	+64:43:35	300	90	3.0	#157 IPHAS	2	
0105.COMP	10	09:17	02:17:44.4	+64:43:35	300	90	3.0	#157 IPHAS	2	
0106.IPHASB_1411	700	09:19	02:17:47.8	+64:34:20	300	90	3.0	#157 IPHAS	2	
0107.COMP	10	09:31	02:17:47.8	+64:34:20	300	90	3.0	#157 IPHAS	2	
0108.IPHASB_1413	500	09:34	02:18:09.8	+63:52:55	300	70	3.0	#157 IPHAS	2	
0109.COMP	10	09:43	02:18:09.8	+63:52:55	300	70	3.0	#157 IPHAS	2	I forgot to turn off the TV gain here, and did another comp(don
0110.COMP	10	09:44	02:18:09.8	+63:52:55	300	70	3.0	#157 IPHAS	2	know whether I should)
0111.IPHASB_1415	600	09:50	02:18:48.0	+60:55:16	300	108	3.0	#157 IPHAS	2	
0112.COMP	10	10:01	02:18:48.0	+60:55:16	300	108	3.0	#157 IPHAS	2	
0113.04352004+1829302	1200	10:15	04:35:20.0	+18:29:30	300	90	3.0	#141 Mapping t	2	
0114.COMP	10	10:35	04:35:20.0	+18:29:30	300	90	3.0	#141 Mapping t	2	
0115.04364270+2117160	1200	10:47	04:36:42.7	+21:17:16	300	90	3.0	#141 Mapping t	2	
0116.COMP	10	11:07	04:36:42.7	+21:17:16	300	90	3.0	#141 Mapping t	2	
0117.04373157+2114389	1800	11:11	04:37:31.6	+21:14:39	300	90	3.0	#141 Mapping t	2	
0118.COMP	10	11:42	04:37:31.6	+21:14:39	300	90	3.0	#141 Mapping t	2	
0119.N2211021132	100	11:46	07:57:31.1	+20:17:29	300	90	3.0	#184 M44 varia	2	
0119.N2211021132q.ms	100	11:46	07:57:31.1	+20:17:29	300	90	3.0	#184 M44 varia	1	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0120.COMP	10	11:49	07:57:31.1	+20:17:29	300	90	3.0	#184 M44 varia	2	
0121.FU_Ori	20	11:53	05:45:22.4	+09:04:12	300	90	3.0	#184 M44 varia	2	
0122.COMP	10	11:54	05:45:22.4	+09:04:12	300	90	3.0	#184 M44 varia	2	
0123.N2211330177	100	11:56	07:54:45.9	+16:41:43	300	90	3.0	#184 M44 varia	2	
0124.COMP	10	11:58	07:54:45.9	+16:41:43	300	90	3.0	#184 M44 varia	2	
0125.SU_Tau	20	12:00	05:49:03.7	+19:04:22	300	90	3.0	#184 M44 varia	2	
0126.COMP	10	12:01	05:49:03.7	+19:04:22	300	90	3.0	#184 M44 varia	2	
0127.N2312012252	500	12:05	07:59:14.5	+20:38:27	300	90	3.0	#184 M44 varia	2	
0128.COMP	10	12:13	07:59:14.5	+20:38:27	300	90	3.0	#184 M44 varia	2	
0129.U_Gem	300	12:16	07:55:05.2	+22:00:04	300	90	3.0	#184 M44 varia	2	
0130.COMP	10	12:22	07:55:05.2	+22:00:04	300	90	3.0	#184 M44 varia	2	
0131.N2230021221_F	180	12:25	07:43:01.4	+20:17:17	300	90	3.0	#184 M44 varia	2	
0132.COMP	10	12:29	07:43:01.4	+20:17:17	300	90	3.0	#184 M44 varia	2	
0133-0142.BIAS	0	12:39	03:08:10.1	+40:57:20	300	90	3.0	#184 M44 varia	2	
0143-0162.FLAT	7	12:46	03:08:10.1	+40:57:20	300	90	3.0	#184 M44 varia	2	
0163-0167.DARK	900	13:50	03:08:10.1	+40:57:20	300	90	3.0	#184 M44 varia	2	

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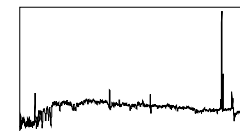
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0005.DARK	900	00:17	03:08:10.1	+40:57:20	300	90	3.0	#184 M44 varia	2	
0006-0015.BIAS	0	00:35	03:08:10.1	+40:57:20	300	90	3.0	#184 M44 varia	2	
0016-0030.FLAT	7	00:39	03:08:10.1	+40:57:20	300	90	3.0	#184 M44 varia	2	
0031.CHCyg	1	01:34	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0032.COMP	10	01:36	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0033.CHCyg	1	01:42	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0034.CHCyg	5	01:42	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0035.CHCyg	30	01:43	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0036.COMP	10	01:44	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0037.AS360	60	01:52	19:45:49.0	+18:36:49	300	0	3.0	#12 Symbiotic	2	
0038.AS360	60	01:56	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0039.PUVu1	1	02:08	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0040.PUVu1	10	02:08	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0041.PUVu1	60	02:09	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0042.COMP	10	02:10	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0043.AS360	60	02:12	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0044.AS360	300	02:14	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0045.COMP	10	02:19	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0046.S3641.82+4249	1500	02:22	20:36:41.8	+42:49:34	300	90	3.0	#183 Young Sta	2	
0047.COMP	10	02:48	20:36:41.8	+42:49:34	300	90	3.0	#183 Young Sta	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0048.S3615.46+4204	1500	02:51	20:36:15.5	+42:04:10	300	90	3.0	#183 Young Sta	2	
0049.COMP	10	03:17	20:36:15.5	+42:04:10	300	90	3.0	#183 Young Sta	2	
0050.BDp284211	120	03:19	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0051.BDp284211	120	03:21	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0052.COMP	10	03:23	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0053.BDp174708	45	03:25	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0054.BDp174708	45	03:26	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0055.BDp174708	45	03:27	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0056.COMP	10	03:28	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0057.S4234.46+4256	1500	03:53	20:42:34.5	+42:56:29	300	90	3.0	#183 Young Sta	2	
0058.COMP	10	04:19	20:42:34.5	+42:56:29	300	90	3.0	#183 Young Sta	2	
0059.SDSS2215-0045	1200	04:23	22:15:11.9	-00:45:50	300	90	3.0	#165 Quasar Br	2	
0060.SDSS2215-0045	1200	04:43	22:15:11.9	-00:45:50	300	90	3.0	#165 Quasar Br	2	
0061.SDSS2215-0045	1200	05:03	22:15:11.9	-00:45:50	300	90	3.0	#165 Quasar Br	2	
0062.COMP	10	05:25	22:15:11.9	-00:45:50	300	90	3.0	#165 Quasar Br	2	
0063.3C66A	240	05:30	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0064.3C66A	240	05:34	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0065.COMP	10	05:39	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0066.sn200820081022	1800	06:15	23:14:12.4	-02:46:52	300	27	3.0	#2 SN Observat	2	
0067.COMP	10	06:46	23:14:12.4	-02:46:52	300	27	3.0	#2 SN Observat	2	

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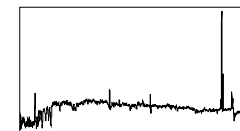
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0068.sn2008g1	1200	07:20	01:20:54.8	+04:48:19	300	17	3.0	#2 SN Observat	2	
0069.sn2008g1	1200	07:40	01:20:54.8	+04:48:19	300	17	3.0	#2 SN Observat	2	
0070.COMP	10	08:01	01:20:54.8	+04:48:19	300	17	3.0	#2 SN Observat	2	
0071.SDSS0045+1438	1200	08:13	00:45:27.7	+14:38:16	300	90	3.0	#165 Quasar Br	2	
0072.SDSS0045+1438	1200	08:33	00:45:27.7	+14:38:16	300	90	3.0	#165 Quasar Br	2	
0073.SDSS0045+1438	1200	08:53	00:45:27.7	+14:38:16	300	90	3.0	#165 Quasar Br	2	
0074.COMP	10	09:14	00:45:27.7	+14:38:16	300	90	3.0	#165 Quasar Br	2	
0075.IPHASB_1528	260	09:26	02:46:56.0	+56:39:25	300	90	3.0	#157 IPHAS	2	
0076.COMP	10	09:30	02:46:56.0	+56:39:25	300	90	3.0	#157 IPHAS	2	
0077.IPHASB_1529	260	09:32	02:47:28.3	+57:00:08	300	90	3.0	#157 IPHAS	2	
0078.COMP	10	09:37	02:47:28.3	+57:00:08	300	90	3.0	#157 IPHAS	2	
0079.IPHASB_1530	200	09:39	02:47:35.6	+61:55:31	300	90	3.0	#157 IPHAS	2	
0080.COMP	10	09:43	02:47:35.6	+61:55:31	300	90	3.0	#157 IPHAS	2	
0081.IPHASB_1531	540	09:45	02:47:58.7	+63:01:57	300	90	3.0	#157 IPHAS	2	
0082.COMP	10	09:55	02:47:58.7	+63:01:57	300	90	3.0	#157 IPHAS	2	
0083.IPHASB_1532	800	09:57	02:48:38.0	+63:01:53	300	90	3.0	#157 IPHAS	2	
0084.COMP	10	10:11	02:48:38.0	+63:01:53	300	90	3.0	#157 IPHAS	2	
0085.IPHASB_1533	200	10:13	02:49:28.5	+59:52:48	300	90	3.0	#157 IPHAS	2	
0086.COMP	10	10:17	02:49:28.5	+59:52:48	300	90	3.0	#157 IPHAS	2	
0087.IPHASB_1534	750	10:19	02:49:40.2	+58:15:57	300	109	3.0	#157 IPHAS	2	

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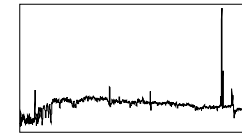
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0088.COMP	10	10:33	02:49:40.2	+58:15:57	300	109	3.0	#157 IPHAS	2	
0089.IPHASB_1539	650	10:34	02:50:58.7	+56:48:04	300	90	3.0	#157 IPHAS	2	
0090.COMP	10	10:45	02:50:58.7	+56:48:04	300	90	3.0	#157 IPHAS	2	
0091.IPHASB_1540	900	10:48	02:50:59.1	+61:56:49	300	90	3.0	#157 IPHAS	2	
0092.COMP	10	11:04	02:50:59.1	+61:56:49	300	90	3.0	#157 IPHAS	2	
0093.IPHASB_1537	750	11:06	02:50:16.7	+62:44:36	300	90	3.0	#157 IPHAS	2	
0094.COMP	10	11:19	02:50:16.7	+62:44:36	300	90	3.0	#157 IPHAS	2	
0095.IPHASB_1540	1000	11:21	02:50:59.1	+61:56:49	300	90	3.0	#157 IPHAS	2	
0096.COMP	10	11:38	02:50:59.1	+61:56:49	300	90	3.0	#157 IPHAS	2	
0097.N231210187	100	11:57	08:28:32.8	+14:51:59	300	90	3.0	#184 M44 Varia	2	
0098.COMP	10	12:00	08:28:32.8	+14:51:59	300	90	3.0	#184 M44 Varia	2	
0099.N2313102243	100	12:02	08:30:38.3	+14:07:09	300	90	3.0	#184 M44 Varia	2	
0100.COMP	10	12:04	08:30:38.3	+14:07:09	300	90	3.0	#184 M44 Varia	2	
0101.N2332320494	400	12:06	08:22:20.4	+26:40:32	300	90	3.0	#184 M44 Varia	2	
0102.COMP	10	12:13	08:22:20.4	+26:40:32	300	90	3.0	#184 M44 Varia	2	
0103.N2211203117	400	12:16	08:18:16.2	+12:54:19	300	90	3.0	#184 M44 Varia	2	
0104.COMP	10	12:23	08:18:16.2	+12:54:19	300	90	3.0	#184 M44 Varia	2	
0105.N2332310904	600	12:25	08:06:09.1	+32:03:33	300	90	3.0	#184 M44 Varia	2	
0106.COMP	10	12:36	08:06:09.1	+32:03:33	300	90	3.0	#184 M44 Varia	2	
0107.HD52071	5	12:38	07:00:58.2	+27:09:27	300	90	3.0	#57 Velocity S	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0108.COMP	10	12:38	07:00:58.2	+27:09:27	300	90	3.0	#57 Velocity S	2	
0109-0118.BIAS	0	12:45	07:00:58.2	+27:09:27	300	90	3.0	#165 Quasar Br	2	
0119-0133.FLAT	7	12:51	07:00:58.2	+27:09:27	300	90	3.0	#165 Quasar Br	2	
0134-0138.DARK	900	13:54	07:00:58.2	+27:09:27	300	90	3.0	#165 Quasar Br	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	20:04	14:50:10.1	+31:32:45	300	90	3.0	#165 Quasar Br	2	
0002-0006.DARK	900	00:09	14:50:10.1	+31:32:45	300	90	3.0	#165 Quasar Br	2	
0007-0016.BIAS	0	00:26	14:50:10.1	+31:32:45	300	90	3.0	#165 Quasar Br	2	
0017-0031.FLAT	7	00:31	14:50:10.1	+31:32:45	300	90	3.0	#165 Quasar Br	2	
0032.BFCyg	15	01:32	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0033.BFCyg	15	01:32	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0034.COMP	10	01:33	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0035.AS360	300	01:37	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0036.AS360	60	01:43	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0037.COMP	10	01:44	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0038.1ES1959p650	300	01:58	19:59:59.8	+65:08:55	300	90	3.0	#6 AGN Monitor	2	
0039.1ES1959p650	600	02:04	19:59:59.8	+65:08:55	300	90	3.0	#6 AGN Monitor	2	
0040.COMP	10	02:15	19:59:59.8	+65:08:55	300	90	3.0	#6 AGN Monitor	2	
0041.S3900.40+4223	1500	02:19	20:39:00.4	+42:23:10	300	90	3.0	#183 Young Sta	2	
0042.COMP	10	02:47	20:39:00.4	+42:23:10	300	90	3.0	#183 Young Sta	2	
0043.S3715.49+4219	1500	02:49	20:37:15.5	+42:19:16	300	90	3.0	#183 Young Sta	2	
0044.COMP	10	03:15	20:37:15.5	+42:19:16	300	90	3.0	#183 Young Sta	2	
0045.BDp284211	120	03:44	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	bad focus
0046.BDp284211	120	03:46	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	bad focus
0047.COMP	10	03:49	21:51:11.0	+28:51:50	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
0048.BDp174708	45	03:51	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	bad focus
0049.BDp174708	45	03:52	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	bad focus
0050.BDp174708	45	03:53	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	bad focus
0051.COMP	10	03:58	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0052.BLLac	180	04:01	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	
0053.BLLac	180	04:04	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	
0054.COMP	10	04:10	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	
0055.1ES2344p514	360	04:22	23:47:04.6	+51:42:18	300	90	3.0	#6 AGN Monitor	2	
0056.1ES2344p514	360	04:28	23:47:04.6	+51:42:18	300	90	3.0	#6 AGN Monitor	2	
0057.COMP	10	04:35	23:47:04.6	+51:42:18	300	90	3.0	#6 AGN Monitor	2	
0058.N7331	180	04:38	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0059.COMP	10	04:42	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0060.RAqr	1	04:46	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0061.RAqr	5	04:46	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0062.RAqr	10	04:46	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0063.COMP	10	04:47	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0064.IPHASB_4420	300	04:53	23:36:50.8	+58:57:39	300	90	3.0	#157 IPHAS	2	
0065.COMP	10	04:58	23:36:50.8	+58:57:39	300	90	3.0	#157 IPHAS	2	
0066.IPHASB_4421	500	05:00	23:39:20.8	+64:48:58	300	90	3.0	#157 IPHAS	2	
0067.COMP	10	05:10	23:39:20.8	+64:48:58	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.IPHASB_4422	600	05:11	23:40:51.8	+63:53:06	300	90	3.0	#157 IPHAS	2	
0069.COMP	10	05:22	23:40:51.8	+63:53:06	300	90	3.0	#157 IPHAS	2	
0070.IPHASB_4423	550	05:45	23:41:25.2	+65:40:43	300	90	3.0	#157 IPHAS	2	
0071.COMP	10	05:55	23:41:25.2	+65:40:43	300	90	3.0	#157 IPHAS	2	
0072.IPHASB_4426	300	05:56	23:43:23.8	+62:01:52	300	90	3.0	#157 IPHAS	2	
0073.COMP	10	06:02	23:43:23.8	+62:01:52	300	90	3.0	#157 IPHAS	2	
0074.IPHASB_4429	240	06:04	23:44:09.3	+62:39:44	300	90	3.0	#157 IPHAS	2	
0075.COMP	10	06:09	23:44:09.3	+62:39:44	300	90	3.0	#157 IPHAS	2	
0076.IPHASB_4430	400	06:11	23:44:18.0	+59:25:17	300	90	3.0	#157 IPHAS	2	
0077.COMP	10	06:18	23:44:18.0	+59:25:17	300	90	3.0	#157 IPHAS	2	
0078.IPHASB_4432	600	06:19	23:45:05.0	+65:20:53	300	90	3.0	#157 IPHAS	2	
0079.COMP	10	06:30	23:45:05.0	+65:20:53	300	90	3.0	#157 IPHAS	2	
0080.IPHASB_1237	150	06:33	01:24:16.8	+63:30:12	300	90	3.0	#157 IPHAS	2	
0081.COMP	10	06:36	01:24:16.8	+63:30:12	300	90	3.0	#157 IPHAS	2	
0082.IPHASB_1267	600	06:39	01:38:34.3	+63:48:41	300	90	3.0	#157 IPHAS	2	
0083.COMP	10	06:50	01:38:34.3	+63:48:41	300	90	3.0	#157 IPHAS	2	
0084.IPHASB_1240	200	06:52	01:25:40.5	+62:30:26	300	90	3.0	#157 IPHAS	2	
0085.COMP	10	06:56	01:25:40.5	+62:30:26	300	90	3.0	#157 IPHAS	2	
0086.IPHASB_1241	400	06:57	01:26:09.3	+65:16:18	300	90	3.0	#157 IPHAS	2	
0087.COMP	10	07:04	01:26:09.3	+65:16:18	300	90	3.0	#157 IPHAS	2	

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0088.IPHASB_1242	300	07:06	01:27:03.2	+63:43:33	300	90	3.0	#157 IPHAS	2	
0089.COMP	10	07:12	01:27:03.2	+63:43:33	300	90	3.0	#157 IPHAS	2	
0090.IPHASB_1244	400	07:14	01:27:51.3	+65:51:04	300	90	3.0	#157 IPHAS	2	
0091.COMP	10	07:22	01:27:51.3	+65:51:04	300	90	3.0	#157 IPHAS	2	
0092.IPHASB_1245	1200	07:26	01:28:12.1	+63:43:49	300	90	3.0	#157 IPHAS	2	
0093.COMP	10	07:51	01:28:12.1	+63:43:49	300	90	3.0	#157 IPHAS	2	
0094.IPHASB_1247	200	07:57	01:28:21.1	+63:57:54	300	90	3.0	#157 IPHAS	2	
0095.COMP	10	08:01	01:28:21.1	+63:57:54	300	90	3.0	#157 IPHAS	2	
0096.IPHASB_1248	270	08:03	01:30:00.2	+63:10:45	300	90	3.0	#157 IPHAS	2	
0097.COMP	10	08:08	01:30:00.2	+63:10:45	300	90	3.0	#157 IPHAS	2	
0098.IPHASB_1250	330	08:10	01:31:04.4	+60:23:37	300	110	3.0	#157 IPHAS	2	
0099.COMP	10	08:16	01:31:04.4	+60:23:37	300	110	3.0	#157 IPHAS	2	
0100.IPHASB_1590	280	08:20	02:59:50.8	+58:23:33	300	90	3.0	#157 IPHAS	2	
0101.COMP	10	08:27	02:59:50.8	+58:23:33	300	90	3.0	#157 IPHAS	2	
0102.IPHASB_1589	750	08:29	02:59:46.5	+60:29:07	300	90	3.0	#157 IPHAS	2	
0103.COMP	10	08:43	02:59:46.5	+60:29:07	300	90	3.0	#157 IPHAS	2	
0104.IPHASB_1587	250	08:45	02:59:35.0	+60:32:07	300	90	3.0	#157 IPHAS	2	
0105.COMP	10	08:50	02:59:35.0	+60:32:07	300	90	3.0	#157 IPHAS	2	
0106.IPHASB_1585	1000	08:51	02:59:04.9	+62:14:59	300	90	3.0	#157 IPHAS	2	
0107.COMP	10	09:09	02:59:04.9	+62:14:59	300	90	3.0	#157 IPHAS	2	

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0108.IPHASB_1582	190	09:11	02:58:33.6	+57:23:30	300	90	3.0	#157 IPHAS	2	
0109.COMP	10	09:14	02:58:33.6	+57:23:30	300	90	3.0	#157 IPHAS	2	
0110.IPHASB_1577	190	09:16	02:57:37.8	+62:47:03	300	90	3.0	#157 IPHAS	2	
0111.COMP	10	09:20	02:57:37.8	+62:47:03	300	90	3.0	#157 IPHAS	2	
0112.IPHASB_1577	500	09:21	02:57:37.8	+62:47:03	300	90	3.0	#157 IPHAS	2	
0113.COMP	10	09:30	02:57:37.8	+62:47:03	300	90	3.0	#157 IPHAS	2	
0114.IPHASB_1574	400	09:32	02:57:00.5	+57:57:43	300	90	3.0	#157 IPHAS	2	
0115.COMP	10	09:39	02:57:00.5	+57:57:43	300	90	3.0	#157 IPHAS	2	
0116.04483368+1147343	900	09:46	04:48:33.7	+11:47:34	300	90	3.0	#141 Mapping t	2	
0117.COMP	10	10:02	04:48:33.7	+11:47:34	300	90	3.0	#141 Mapping t	2	
0118.04494035+2038216	1400	10:04	04:49:40.3	+20:38:22	300	90	3.0	#141 Mapping t	2	
0119.COMP	10	10:32	04:49:40.3	+20:38:22	300	90	3.0	#141 Mapping t	2	
0120.04353970+2057048	750	10:35	04:35:39.7	+20:57:05	300	90	3.0	#141 Mapping t	2	
0121.COMP	10	10:49	04:35:39.7	+20:57:05	300	90	3.0	#141 Mapping t	2	
0122.04502586+1305562	1000	10:51	04:50:25.9	+13:05:56	300	90	3.0	#141 Mapping t	2	
0123.COMP	10	11:09	04:50:25.9	+13:05:56	300	90	3.0	#141 Mapping t	2	
0124.04511970+1514459	900	11:12	04:51:19.7	+15:14:46	300	90	3.0	#141 Mapping t	2	
0125.COMP	10	11:28	04:51:19.7	+15:14:46	300	90	3.0	#141 Mapping t	2	
0126.N23130106547	1500	11:34	08:48:02.9	+19:13:39	300	90	3.0	#184 M44 Varia	2	
0127.COMP	10	12:00	08:48:02.9	+19:13:39	300	90	3.0	#184 M44 Varia	2	

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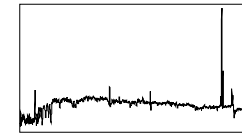
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0128.N2211002533_EB	600	12:02	07:55:40.8	+21:09:59	300	90	3.0	#184 M44 Varia	2	
0129.COMP	10	12:12	07:55:40.8	+21:09:59	300	90	3.0	#184 M44 Varia	2	
0130.N2301103684_EB	300	12:15	08:07:30.6	+37:48:28	300	90	3.0	#184 M44 Varia	2	
0131.COMP	10	12:21	08:07:30.6	+37:48:28	300	90	3.0	#184 M44 Varia	2	
0132.Algol	1	12:23	03:08:10.1	+40:57:20	300	90	3.0	#184 M44 Varia	2	
0133.Algol	0	12:24	03:08:10.1	+40:57:20	300	90	3.0	#184 M44 Varia	2	
0134.COMP	10	12:25	03:08:10.1	+40:57:20	300	90	3.0	#184 M44 Varia	2	
0135.N2211330177	300	12:27	07:54:45.9	+16:41:43	300	90	3.0	#184 M44 Varia	2	
0136.COMP	10	12:32	07:54:45.9	+16:41:43	300	90	3.0	#184 M44 Varia	2	
0137.SU_Tau	45	12:34	05:49:03.7	+19:04:22	300	90	3.0	#184 M44 Varia	2	
0138.COMP	10	12:35	05:49:03.7	+19:04:22	300	90	3.0	#184 M44 Varia	2	
0139.N2332033658_F	300	12:37	08:03:28.8	+26:41:41	300	90	3.0	#184 M44 Varia	2	
0140.COMP	10	12:43	08:03:28.8	+26:41:41	300	90	3.0	#184 M44 Varia	2	
0141-0150.BIAS	0	12:51	08:03:28.8	+26:41:41	300	90	3.0	#165 Quasar Br	2	
0151-0165.FLAT	7	12:58	08:03:28.8	+26:41:41	300	90	3.0	#165 Quasar Br	2	
0166-0170.DARK	900	14:04	08:03:28.8	+26:41:41	300	90	3.0	#165 Quasar Br	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>
0001-0005.DARK	900	01:08	17:00:00.0	-25:00:00	300	90	3.0	#165 Quasar Br	2	
0006-0015.BIAS	0	01:25	17:00:00.0	-25:00:00	300	90	3.0	#165 Quasar Br	2	
0016-0030.FLAT	7	01:30	17:00:00.0	-25:00:00	300	90	3.0	#165 Quasar Br	2	
0031.CICyg	4	01:37	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0032.CICyg	15	01:38	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0033.COMP	10	01:40	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0034.S4416.44+4257	1500	01:45	20:44:16.4	+42:57:05	300	90	3.0	#183 Young Sta	2	
0035.COMP	10	02:11	20:44:16.4	+42:57:05	300	90	3.0	#183 Young Sta	2	
0036.S3837.67+4205	1500	02:15	20:38:37.7	+42:05:02	300	90	3.0	#183 Young Sta	2	
0037.COMP	10	02:43	20:38:37.7	+42:05:02	300	90	3.0	#183 Young Sta	2	
0038.S4135.67+4130	1800	02:48	20:41:35.7	+41:30:14	300	50	3.0	#183 Young Sta	2	
0039.COMP	10	03:18	20:41:35.7	+41:30:14	300	50	3.0	#183 Young Sta	2	
0040.BDp284211	120	03:22	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0041.BDp284211	120	03:24	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0042.COMP	10	03:27	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0043.BDp174708	45	03:28	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0044.BDp174708	45	03:29	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0045.BDp174708	45	03:30	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0046.COMP	10	03:32	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0047.S3614.10+4229	1800	03:34	20:36:14.1	+42:29:24	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
0048.COMP	10	04:05	20:36:14.1	+42:29:24	300	90	3.0	#183 Young Sta	2	
0049.ZAnd	1	04:07	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0050.ZAnd	5	04:07	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0051.ZAnd	30	04:08	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0052.COMP	10	04:09	23:33:40.0	+48:49:06	300	90	3.0	#6 AGN Monitor	2	
0053.3C66A	240	04:13	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0054.3C66A	240	04:17	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0055.COMP	10	04:23	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0056.sn2008gm	1800	04:52	23:14:12.4	-02:46:52	300	0	3.0	#2 SN Observat	2	row=77
0057.COMP	10	05:23	23:14:12.4	-02:46:52	300	0	3.0	#2 SN Observat	2	
0058.M31	30	05:34	00:42:44.3	+41:16:09	300	90	3.0	#57 Velocity S	2	
0059.M31	120	05:35	00:42:44.3	+41:16:09	300	90	3.0	#57 Velocity S	2	
0060.COMP	10	05:38	00:42:44.3	+41:16:09	300	90	3.0	#57 Velocity S	2	
0061.sn2008g1	1800	06:10	01:20:54.8	+04:48:19	300	-11	3.0	#2 SN Observat	2	failed, so i took the next one which is good
0062.sn2008g1	1800	06:45	01:20:54.8	+04:48:19	300	10	3.0	#2 SN Observat	2	
0063.COMP	10	07:16	01:20:54.8	+04:48:19	300	10	3.0	#2 SN Observat	2	
0064.IPHASB_1421	1000	07:43	02:20:09.8	+64:36:06	300	90	3.0	#157 IPHAS	2	too few counts, so i take the next longer one
0065.IPHASB_1421	2000	08:01	02:20:09.8	+64:36:06	300	90	3.0	#157 IPHAS	2	
0066.COMP	10	08:35	02:20:09.8	+64:36:06	300	90	3.0	#157 IPHAS	2	
0067.IPHASB_1422	150	08:37	02:20:25.0	+60:01:14	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
0068.COMP	10	08:41	02:20:25.0	+60:01:14	300	90	3.0	#157 IPHAS	2	
0069.IPHASB_1423	2000	08:47	02:20:33.4	+62:57:17	300	90	3.0	#157 IPHAS	2	
0070.COMP	10	09:21	02:20:33.4	+62:57:17	300	90	3.0	#157 IPHAS	2	
0071.IPHASB_1424	1000	09:24	02:20:45.3	+63:16:43	300	90	3.0	#157 IPHAS	2	
0072.COMP	10	09:41	02:20:45.3	+63:16:43	300	90	3.0	#157 IPHAS	2	
0073.IPHASB_1427	1200	09:44	02:21:07.8	+62:57:55	300	90	3.0	#157 IPHAS	2	
0074.COMP	10	10:04	02:21:07.8	+62:57:55	300	90	3.0	#157 IPHAS	2	
0075.IPHASB_1429	1200	10:07	02:22:22.8	+62:38:42	300	90	3.0	#157 IPHAS	2	
0076.COMP	10	10:27	02:22:22.8	+62:38:42	300	90	3.0	#157 IPHAS	2	
0077.IPHASB_1430	700	10:31	02:22:27.7	+62:35:31	300	90	3.0	#157 IPHAS	2	
0078.COMP	10	10:44	02:22:27.7	+62:35:31	300	90	3.0	#157 IPHAS	2	
0079.04374450+0105522	720	10:54	04:37:44.5	+01:05:52	300	90	3.0	#141 Mapping t	2	
0080.COMP	10	11:07	04:37:44.5	+01:05:52	300	90	3.0	#141 Mapping t	2	
0081.04392539+0945438	1100	11:09	04:39:25.4	+09:45:44	300	90	3.0	#141 Mapping t	2	
0082.COMP	10	11:28	04:39:25.4	+09:45:44	300	90	3.0	#141 Mapping t	2	
0083.N2301011390	400	11:31	07:45:27.4	+30:46:40	300	90	3.0	#184 M44 Varia	2	
0084.COMP	10	11:38	07:45:27.4	+30:46:40	300	90	3.0	#184 M44 Varia	2	
0085.N230321311_P	180	11:41	07:26:25.8	+37:27:30	300	90	3.0	#184 M44 Varia	2	
0086.COMP	10	11:44	07:26:25.8	+37:27:30	300	90	3.0	#184 M44 Varia	2	
0087.N23013118_P	180	11:46	07:35:33.6	+31:50:51	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
0088.COMP	10	11:50	07:35:33.6	+31:50:51	300	90	3.0	#184 M44 Varia	2	
0089.CS_Mon	60	11:52	06:32:10.9	+06:39:11	300	90	3.0	#184 M44 Varia	2	
0090.COMP	10	11:54	06:32:10.9	+06:39:11	300	90	3.0	#184 M44 Varia	2	
0091.05320776+0110353	1200	12:00	05:32:07.8	+01:10:35	300	90	3.0	#141 Mapping t	2	
0092.COMP	10	12:21	05:32:07.8	+01:10:35	300	90	3.0	#141 Mapping t	2	
0093.IV_Gem	120	12:25	07:17:40.0	+30:54:37	300	90	3.0	#184 M44 Varia	2	
0094.COMP	10	12:27	07:17:40.0	+30:54:37	300	90	3.0	#184 M44 Varia	2	
0095.N2211012591_EB	180	12:30	07:45:34.9	+19:39:25	300	90	3.0	#184 M44 Varia	2	
0096.COMP	10	12:33	07:45:34.9	+19:39:25	300	90	3.0	#184 M44 Varia	2	
0097.N2211111308_EB	180	12:35	07:51:24.7	+13:54:34	300	90	3.0	#184 M44 Varia	2	
0098.COMP	10	12:38	07:51:24.7	+13:54:34	300	90	3.0	#184 M44 Varia	2	
0099.N2213330181_EB	120	12:40	08:00:36.8	+08:43:52	300	90	3.0	#184 M44 Varia	2	
0100.COMP	10	12:42	08:00:36.8	+08:43:52	300	90	3.0	#184 M44 Varia	2	
0101-0110.BIAS	0	12:49	08:00:36.8	+08:43:52	300	90	3.0	#184 M44 Varia	2	
0111-0125.FLAT	7	12:56	08:00:36.8	+08:43:52	300	90	3.0	#184 M44 Varia	2	
0126-0130.DARK	900	13:59	08:00:36.8	+08:43:52	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
0001.DARK	900	23:20	08:00:36.8	+08:43:52	300	90	3.0	#0 Calibration	2	weird pattern; maybe nitrogen leaked out of dewar
0002.DARK	900	23:35	08:00:36.8	+08:43:52	300	90	3.0	#0 Calibration	2	
0003.DARK	900	00:06	08:00:36.8	+08:43:52	300	90	3.0	#0 Calibration	2	filled the dewar, still weird pattern
0004-0013.BIAS	0	00:27	08:00:36.8	+08:43:52	300	90	3.0	#0 Calibration	2	
0014.FLAT	7	00:30	08:00:36.8	+08:43:52	300	90	3.0	#0 Calibration	2	forgot turn the incand on
0015-0030.FLAT	7	00:35	08:00:36.8	+08:43:52	300	90	3.0	#0 Calibration	2	
0031.AS338	90	01:31	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0032.AS338	600	01:33	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0033.COMP	10	01:44	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0034.V482.Cyg	90	01:47	19:59:42.6	+33:59:28	300	110	3.0	#184 M44 Varia	2	
0035.COMP	10	01:49	19:59:42.6	+33:59:28	300	110	3.0	#184 M44 Varia	2	
0036.S4039.98+4253	1700	01:53	20:40:40.0	+42:53:19	300	90	3.0	#183 Young Sta	2	
0037.COMP	10	02:22	20:40:40.0	+42:53:19	300	90	3.0	#183 Young Sta	2	
0038.BIAS	0	02:23	20:40:32.6	+43:05:41	300	90	3.0	#0 Calibration	2	
0039.S4032.59+4305	1800	02:26	20:40:32.6	+43:05:41	300	90	3.0	#183 Young Sta	2	
0040.COMP	10	02:56	20:40:32.6	+43:05:41	300	90	3.0	#183 Young Sta	2	
0041.BDp284211	120	03:00	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0042.BDp284211	120	03:02	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0043.COMP	10	03:05	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0044.BDp174708	45	03:07	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0045.BDp174708	45	03:08	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0046.BDp174708	45	03:09	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0047.COMP	10	03:11	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0048.BLLac	180	03:14	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	
0049.BLLac	180	03:17	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	
0050.COMP	10	03:21	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	
0051.N7469	120	03:24	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0052.N7469	120	03:26	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0053.COMP	10	03:30	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0054.IM_Peg	2	03:38	22:53:02.3	+16:50:28	300	90	3.0	#184 M44 Varia	2	
0055.COMP	10	03:39	22:53:02.3	+16:50:28	300	90	3.0	#184 M44 Varia	2	
0056.BIAS	0	03:41	22:53:02.3	+16:50:28	300	90	3.0	#0 Calibration	2	
0057.IPHASB_4220	150	03:47	22:50:34.8	+54:37:20	300	-15	3.0	#157 IPHAS	2	
0058.COMP	10	03:50	22:50:34.8	+54:37:20	300	-15	3.0	#157 IPHAS	2	
0059.IPHASB_4224	240	03:56	22:51:47.8	+61:38:32	300	90	3.0	#157 IPHAS	2	
0060.COMP	10	04:00	22:51:47.8	+61:38:32	300	90	3.0	#157 IPHAS	2	
0061.IPHASB_4226	1200	04:06	22:52:33.4	+58:03:59	300	90	3.0	#157 IPHAS	2	
0062.COMP	10	04:27	22:52:33.4	+58:03:59	300	90	3.0	#157 IPHAS	2	
0063.IPHASB_4227	1200	04:41	22:52:49.5	+58:23:31	300	90	3.0	#157 IPHAS	2	
0064.COMP	10	05:02	22:52:49.5	+58:23:31	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
0065.Alf_Cyg	0	05:04	20:41:25.9	+45:16:49	300	90	3.0	#184 M44 Varia	2	
0066.Alf_Cyg	0	05:05	20:41:25.9	+45:16:49	300	90	3.0	#184 M44 Varia	2	
0067.Alf_Cyg	0	05:05	20:41:25.9	+45:16:49	300	90	3.0	#184 M44 Varia	2	
0068.COMP	10	05:06	20:41:25.9	+45:16:49	300	90	3.0	#184 M44 Varia	2	
0069.IPHASB_4229	300	05:10	22:53:28.6	+57:20:59	300	90	3.0	#157 IPHAS	2	
0070.COMP	10	05:15	22:53:28.6	+57:20:59	300	90	3.0	#157 IPHAS	2	
0071.IPHASB_4234	600	05:18	22:54:07.6	+60:50:23	300	90	3.0	#157 IPHAS	2	
0072.COMP	10	05:29	22:54:07.6	+60:50:23	300	90	3.0	#157 IPHAS	2	
0073.IPHASB_4235	800	05:31	22:54:11.9	+60:12:35	300	90	3.0	#157 IPHAS	2	
0074.COMP	10	05:46	22:54:11.9	+60:12:35	300	90	3.0	#157 IPHAS	2	
0075.Rho_Cas	0	05:48	23:54:23.0	+57:29:58	300	90	3.0	#184 M44 Varia	2	
0076.COMP	10	05:49	23:54:23.0	+57:29:58	300	90	3.0	#184 M44 Varia	2	
0077.V863_Cas	20	05:51	00:43:28.4	+64:45:35	300	90	3.0	#184 M44 Varia	2	
0078.COMP	10	05:52	00:43:28.4	+64:45:35	300	90	3.0	#184 M44 Varia	2	
0079.GX_And	5	06:07	00:18:22.9	+44:01:23	300	90	3.0	#184 M44 Varia	2	
0080.COMP	10	06:08	00:18:22.9	+44:01:23	300	90	3.0	#184 M44 Varia	2	
0081.GX_And	5	06:13	00:18:22.9	+44:01:23	300	90	3.0	#184 M44 Varia	2	
0082.COMP	10	06:15	00:18:22.9	+44:01:23	300	90	3.0	#184 M44 Varia	2	
0083.M32	30	06:18	00:42:41.8	+40:51:55	300	90	3.0	#57 Velocity S	2	
0084.M32	120	06:20	00:42:41.8	+40:51:55	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
0085.COMP	10	06:22	00:42:41.8	+40:51:55	300	90	3.0	#57 Velocity S	2	
0086.IPHASB_4237	1800	06:44	22:55:06.9	+57:35:19	300	90	3.0	#157 IPHAS	2	
0087.COMP	10	07:15	22:55:06.9	+57:35:19	300	90	3.0	#157 IPHAS	2	
0088.TY_Ari	300	07:20	02:08:40.3	+25:13:07	300	90	3.0	#184 M44 Varia	2	
0089.COMP	10	07:25	02:08:40.3	+25:13:07	300	90	3.0	#184 M44 Varia	2	
0090.Mira	0	07:28	02:19:20.8	-02:58:40	300	90	3.0	#184 M44 Varia	2	
0091.COMP	10	07:29	02:19:20.8	-02:58:40	300	90	3.0	#184 M44 Varia	2	
0092.IPHASB_1541	500	07:37	02:51:02.2	+61:57:34	300	90	3.0	#157 IPHAS	2	
0093.COMP	10	07:46	02:51:02.2	+61:57:34	300	90	3.0	#157 IPHAS	2	
0094.IPHASB_1542	900	07:48	02:51:06.3	+58:01:21	300	90	3.0	#157 IPHAS	2	
0095.COMP	10	08:04	02:51:06.3	+58:01:21	300	90	3.0	#157 IPHAS	2	
0096.IPHASB_1547	1500	08:06	02:51:36.0	+60:15:58	300	90	3.0	#157 IPHAS	2	
0097.COMP	10	08:32	02:51:36.0	+60:15:58	300	90	3.0	#157 IPHAS	2	
0098.IPHASB_1549	200	08:35	02:51:43.4	+55:27:43	300	90	3.0	#157 IPHAS	2	
0099.COMP	10	08:39	02:51:43.4	+55:27:43	300	90	3.0	#157 IPHAS	2	
0100.IPHASB_1552	900	08:41	02:52:33.2	+61:59:02	300	90	3.0	#157 IPHAS	2	
0101.COMP	10	08:57	02:52:33.2	+61:59:02	300	90	3.0	#157 IPHAS	2	
0102.IPHASB_1553	1200	08:58	02:53:24.5	+61:46:23	300	90	3.0	#157 IPHAS	2	
0103.COMP	10	09:21	02:53:24.5	+61:46:23	300	90	3.0	#157 IPHAS	2	
0104.BIAS	0	09:28	02:53:59.4	+57:04:03	300	90	3.0	#0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0105.IPHASB_1555	200	09:31	02:53:59.4	+57:04:03	300	90	3.0	#184 M44 Varia	2	
0106.COMP	10	09:35	02:53:59.4	+57:04:03	300	90	3.0	#184 M44 Varia	2	
0107.IPHASB_1557	1200	09:37	02:54:09.1	+60:40:36	300	90	3.0	#157 IPHAS	2	
0108.COMP	10	09:58	02:54:09.1	+60:40:36	300	90	3.0	#157 IPHAS	2	
0109.IPHASB_1560	500	10:00	02:54:42.5	+57:36:55	300	90	3.0	#157 IPHAS	2	
0110.COMP	10	10:09	02:54:42.5	+57:36:55	300	90	3.0	#157 IPHAS	2	
0111.05280664+6140202	900	10:14	05:28:06.6	+61:40:20	300	90	3.0	#141 Mapping t	2	two few counts, so started another longer exp. in 113
0112.COMP	10	10:32	05:28:06.6	+61:40:20	300	90	3.0	#141 Mapping t	2	
0113.05280664+6140202	1700	10:33	05:28:06.6	+61:40:20	300	90	3.0	#141 Mapping t	2	
0114.COMP	10	11:03	05:28:06.6	+61:40:20	300	90	3.0	#141 Mapping t	2	
0115.T_Tau	30	11:05	04:21:59.4	+19:32:06	300	90	3.0	#184 M44 Varia	2	
0116.COMP	10	11:06	04:21:59.4	+19:32:06	300	90	3.0	#184 M44 Varia	2	
0117.Alf_Ori	0	11:09	05:55:10.3	+07:24:25	300	90	3.0	#184 M44 Varia	2	
0118.COMP	10	11:09	05:55:10.3	+07:24:25	300	90	3.0	#184 M44 Varia	2	
0119.QS_Gem	5	11:11	06:46:28.7	+20:50:37	300	90	3.0	#184 M44 Varia	2	
0120.COMP	10	11:12	06:46:28.7	+20:50:37	300	90	3.0	#184 M44 Varia	2	
0121.N2301103684_EB	300	11:13	08:07:30.6	+37:48:28	300	90	3.0	#184 M44 Varia	2	
0122.COMP	10	11:19	08:07:30.6	+37:48:28	300	90	3.0	#184 M44 Varia	2	
0123.N2301103684_EB	100	11:23	07:57:31.1	+20:17:29	300	90	3.0	#184 M44 Varia	2	
0124.COMP	10	11:26	07:57:31.1	+20:17:29	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
0125.N231210187	200	11:27	08:28:32.8	+14:51:59	300	90	3.0	#184 M44 Varia	2	
0126.COMP	10	11:31	08:28:32.8	+14:51:59	300	90	3.0	#184 M44 Varia	2	
0127.N2312200194	20	11:35	08:55:21.0	+24:22:59	300	90	3.0	#184 M44 Varia	2	
0128.COMP	10	11:36	08:55:21.0	+24:22:59	300	90	3.0	#184 M44 Varia	2	
0129.N230321311_P	90	11:38	07:26:25.8	+37:27:30	300	90	3.0	#184 M44 Varia	2	
0130.COMP	10	11:40	07:26:25.8	+37:27:30	300	90	3.0	#184 M44 Varia	2	
0131.N2230021221_F	300	11:41	07:43:01.4	+20:17:17	300	90	3.0	#184 M44 Varia	2	
0132.COMP	10	11:47	07:43:01.4	+20:17:17	300	90	3.0	#184 M44 Varia	2	
0133.N2222120359_EB	90	11:49	07:18:14.3	+30:38:08	300	90	3.0	#184 M44 Varia	2	
0134.COMP	10	11:51	07:18:14.3	+30:38:08	300	90	3.0	#184 M44 Varia	2	
0135.N2230320601_EB	150	11:53	07:22:12.1	+22:50:00	300	90	3.0	#184 M44 Varia	2	
0136.COMP	10	11:56	07:22:12.1	+22:50:00	300	90	3.0	#184 M44 Varia	2	
0137.N2302230285_F	30	11:58	08:13:31.4	+45:45:16	300	90	3.0	#184 M44 Varia	2	
0138.COMP	10	11:58	08:13:31.4	+45:45:16	300	90	3.0	#184 M44 Varia	2	
0139.N2312203148_F	300	12:00	08:51:40.3	+24:20:24	300	90	3.0	#184 M44 Varia	2	
0140.COMP	10	12:06	08:51:40.3	+24:20:24	300	90	3.0	#184 M44 Varia	2	
0141.N2210132543_P	300	12:09	08:26:43.3	+08:07:38	300	90	3.0	#184 M44 Varia	2	
0142.COMP	10	12:14	08:26:43.3	+08:07:38	300	90	3.0	#184 M44 Varia	2	
0143.N2312000199_P	450	12:17	07:54:08.6	+24:10:34	300	90	3.0	#184 M44 Varia	2	
0144.COMP	10	12:25	07:54:08.6	+24:10:34	300	90	3.0	#184 M44 Varia	2	



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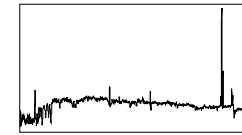
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0145.N2301313299_P	300	12:28	07:34:10.8	+31:36:53	300	90	3.0	#184 M44 Varia	2	
0146.COMP	10	12:33	07:34:10.8	+31:36:53	300	90	3.0	#184 M44 Varia	2	
0147.N222232140_P	120	12:35	07:12:06.0	+29:37:40	300	90	3.0	#184 M44 Varia	2	
0148.COMP	10	12:38	07:12:06.0	+29:37:40	300	90	3.0	#184 M44 Varia	2	
0149-0158.BIAS	0	12:47	07:12:06.0	+29:37:40	300	90	3.0	#0 Calibration	2	
0159-0173.FLAT	7	12:51	07:12:06.0	+29:37:40	300	90	3.0	#0 Calibration	2	
0174-0183.DARK	900	15:13	07:12:06.0	+29:37:40	300	90	3.0	#0 Calibration	2	

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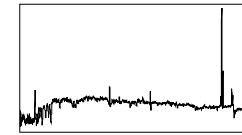
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	00:12	18:05:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0006-0015.BIAS	0	00:29	18:05:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0016-0030.FLAT	7	00:35	18:05:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0031-0035.sky	3	00:50	19:50:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0036.COMP	10	00:59	19:50:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0037.AGDra	2	01:35	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	telescope focus control not working
0038.AGDra	10	01:36	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0039.AGDra	45	01:37	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0040.COMP	10	01:38	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0041.CHCyg	2	01:39	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0042.CHCyg	4	01:40	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0043.CHCyg	15	01:41	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0044.COMP	10	01:41	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0045.CICyg	4	01:43	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0046.CICyg	15	01:43	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0047.COMP	10	01:44	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0048.BFCyg	15	01:45	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0049.BFCyg	15	01:45	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0050.COMP	10	01:46	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0051.IFS027	1800	01:48	20:07:14.7	+39:02:36	300	100	3.0	#186 IPHAS AGB	2	correct target id, but not an M/S star

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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>
0052.COMP	10	02:18	20:07:14.7	+39:02:36	300	100	3.0	#186 IPHAS AGB	2	
0053.IFC032	1200	02:27	20:10:32.0	+41:13:02	300	90	3.0	#186 IPHAS AGB	2	
0054.COMP	10	02:47	20:10:32.0	+41:13:02	300	90	3.0	#186 IPHAS AGB	2	
0055.IFS028	1200	02:48	20:13:01.3	+38:57:05	300	90	3.0	#186 IPHAS AGB	2	
0056.COMP	10	03:09	20:13:01.3	+38:57:05	300	90	3.0	#186 IPHAS AGB	2	
0057.BDp284211	120	03:11	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0058.BDp284211	120	03:13	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0059.COMP	10	03:17	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0060.BDp284211	150	03:24	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0061.BDp284211	150	03:27	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0062.COMP	10	03:29	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0063.BDp174708	20	03:31	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0064.BDp174708	45	03:32	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0065.BDp174708	45	03:33	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0066.COMP	10	03:34	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0067.IFC033	1200	03:37	20:10:16.8	+38:54:32	300	90	3.0	#186 IPHAS AGB	2	
0068.COMP	10	03:57	20:10:16.8	+38:54:32	300	90	3.0	#186 IPHAS AGB	2	
0069.IFC034	1500	03:59	20:12:17.3	+38:58:00	300	90	3.0	#186 IPHAS AGB	2	
0070.COMP	10	04:25	20:12:17.3	+38:58:00	300	90	3.0	#186 IPHAS AGB	2	
0071.ZAnd	3	04:30	23:33:40.0	+48:49:06	300	0	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0072.ZAnd	6	04:31	23:33:40.0	+48:49:06	300	0	3.0	#12 Symbiotic	2	
0073.ZAnd	30	04:32	23:33:40.0	+48:49:06	300	0	3.0	#12 Symbiotic	2	
0074.COMP	10	04:32	23:33:40.0	+48:49:06	300	0	3.0	#12 Symbiotic	2	
0075.1ES2344p514	600	04:34	23:47:04.6	+51:42:18	300	0	3.0	#6 AGN Monitor	2	
0076.COMP	10	04:44	23:47:04.6	+51:42:18	300	0	3.0	#6 AGN Monitor	2	
0077.IPHASB_4433	180	04:51	23:45:16.0	+58:53:48	300	0	3.0	#157 IPHAS	2	no em, ID ok
0078.COMP	10	04:55	23:45:16.0	+58:53:48	300	0	3.0	#157 IPHAS	2	
0079.IPHASB_4434	180	04:56	23:45:28.7	+59:45:01	300	0	3.0	#157 IPHAS	2	
0080.COMP	10	04:59	23:45:28.7	+59:45:01	300	0	3.0	#157 IPHAS	2	
0081.IPHASB_4436	720	05:01	23:45:48.0	+62:49:23	300	11	3.0	#157 IPHAS	2	
0082.COMP	10	05:13	23:45:48.0	+62:49:23	300	11	3.0	#157 IPHAS	2	
0083.IPHASB_4437	180	05:16	23:45:49.4	+60:35:16	300	20	3.0	#157 IPHAS	2	
0084.COMP	10	05:19	23:45:49.4	+60:35:16	300	20	3.0	#157 IPHAS	2	
0085.IPHASB_4438	720	05:20	23:46:21.9	+63:22:40	300	20	3.0	#157 IPHAS	2	
0086.COMP	10	05:32	23:46:21.9	+63:22:40	300	20	3.0	#157 IPHAS	2	
0087.IPHASB_4440	900	05:34	23:46:49.5	+64:01:39	300	20	3.0	#157 IPHAS	2	
0088.COMP	10	05:49	23:46:49.5	+64:01:39	300	20	3.0	#157 IPHAS	2	
0089.IPHASB_4441	210	05:50	23:46:57.0	+62:33:56	300	20	3.0	#157 IPHAS	2	
0090.COMP	10	05:54	23:46:57.0	+62:33:56	300	20	3.0	#157 IPHAS	2	
0091.IPHASB_4443	300	05:55	23:47:00.0	+60:56:27	300	20	3.0	#157 IPHAS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0092.COMP	10	06:00	23:47:00.0	+60:56:27	300	20	3.0	#157 IPHAS	2	
0093.sn2008g1	1200	06:04	01:20:54.8	+04:48:19	300	0	3.0	#2 SN Observat	2	
0094.COMP	10	06:25	01:20:54.8	+04:48:19	300	0	3.0	#2 SN Observat	2	
0095.sn2008g1	1200	06:25	01:20:54.8	+04:48:19	300	0	3.0	#2 SN Observat	2	
0096.COMP	10	06:46	01:20:54.8	+04:48:19	300	0	3.0	#2 SN Observat	2	
0097.HD232525	10	06:49	01:46:06.0	+53:36:29	300	90	3.0	#99 Other	2	
0098.HD232525	10	06:49	01:46:06.0	+53:36:29	300	90	3.0	#99 Other	2	
0100.HD232525off5sec	300	06:54	01:46:06.0	+53:36:29	300	90	3.0	#99 Other	2	for Emilio
0101.HD232525off10sec	600	07:00	01:46:06.0	+53:36:29	300	90	3.0	#99 Other	2	
0102.COMP	10	07:10	01:46:06.0	+53:36:29	300	90	3.0	#99 Other	2	
0103.EGAnd	2	07:11	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0104.EGAnd	5	07:11	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0105.EGAnd	10	07:12	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0106.COMP	10	07:13	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0107.225m280	240	07:14	00:44:29.8	+41:21:25	300	90	3.0	#57 Velocity S	2	
0108.COMP	10	07:18	00:44:29.8	+41:21:25	300	90	3.0	#57 Velocity S	2	
0109.AXPer	4	07:19	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0110.AXPer	30	07:20	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0111.AXPer	90	07:20	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0112.COMP	10	07:22	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0113.3C66A	300	07:24	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0114.3C66A	300	07:29	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0115.COMP	10	07:34	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0116.LSIp61303	30	07:35	02:40:31.6	+61:13:46	300	90	3.0	#6 AGN Monitor	2	
0117.LSIp61303	30	07:36	02:40:31.6	+61:13:46	300	90	3.0	#6 AGN Monitor	2	
0118.COMP	10	07:37	02:40:31.6	+61:13:46	300	90	3.0	#6 AGN Monitor	2	
0119.01230066+5006508	600	07:40	01:23:00.7	+50:06:51	300	90	3.0	#141 Mapping t	2	excellent emission lines present in this spectrum
0120.COMP	10	07:51	01:23:00.7	+50:06:51	300	90	3.0	#141 Mapping t	2	
0121.01231510+4920207	420	07:52	01:23:15.1	+49:20:21	300	90	3.0	#141 Mapping t	2	
0122.COMP	10	07:59	01:23:15.1	+49:20:21	300	90	3.0	#141 Mapping t	2	
0123.01232188+5220227	600	08:00	01:23:21.9	+52:20:23	300	90	3.0	#141 Mapping t	2	
0124.COMP	10	08:10	01:23:21.9	+52:20:23	300	90	3.0	#141 Mapping t	2	
0125.01293549+5216073	600	08:12	01:29:35.5	+52:16:07	300	90	3.0	#141 Mapping t	2	
0126.COMP	10	08:22	01:29:35.5	+52:16:07	300	90	3.0	#141 Mapping t	2	
0127.02050790+4622331	600	08:23	02:05:07.9	+46:22:33	300	90	3.0	#141 Mapping t	2	
0128.COMP	10	08:33	02:05:07.9	+46:22:33	300	90	3.0	#141 Mapping t	2	
0129.02062983+2756256	344	08:36	02:06:29.8	+27:56:26	300	90	3.0	#141 Mapping t	2	
0130.COMP	10	08:42	02:06:29.8	+27:56:26	300	90	3.0	#141 Mapping t	2	
0131.02063592+2606276	480	08:43	02:06:35.9	+26:06:28	300	90	3.0	#141 Mapping t	2	
0132.COMP	10	08:52	02:06:35.9	+26:06:28	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
0133.02080836+2820367	600	08:53	02:08:08.4	+28:20:37	300	90	3.0	#141 Mapping t	2	
0134.COMP	10	09:03	02:08:08.4	+28:20:37	300	90	3.0	#141 Mapping t	2	
0135.02081209+2755477	420	09:04	02:08:12.1	+27:55:48	300	90	3.0	#141 Mapping t	2	
0136.COMP	10	09:12	02:08:12.1	+27:55:48	300	90	3.0	#141 Mapping t	2	
0137.02084509+2552136	600	09:13	02:08:45.1	+25:52:14	300	90	3.0	#141 Mapping t	2	
0138.COMP	10	09:23	02:08:45.1	+25:52:14	300	90	3.0	#141 Mapping t	2	
0139.02100336+2703257	360	09:24	02:10:03.4	+27:03:26	300	90	3.0	#141 Mapping t	2	
0140.COMP	10	09:31	02:10:03.4	+27:03:26	300	90	3.0	#141 Mapping t	2	
0141.02101793+3131357	600	09:32	02:10:17.9	+31:31:36	300	90	3.0	#141 Mapping t	2	
0142.COMP	10	09:42	02:10:17.9	+31:31:36	300	90	3.0	#141 Mapping t	2	
0143.02104861+3459041	600	09:44	02:10:48.6	+34:59:04	300	90	3.0	#141 Mapping t	2	
0144.COMP	10	09:54	02:10:48.6	+34:59:04	300	90	3.0	#141 Mapping t	2	
0145.02103395+4829158	720	09:56	02:10:34.0	+48:29:16	300	90	3.0	#141 Mapping t	2	
0146.COMP	10	10:08	02:10:34.0	+48:29:16	300	90	3.0	#141 Mapping t	2	
0147.02382851+4453026	600	10:09	02:38:28.5	+44:53:03	300	90	3.0	#141 Mapping t	2	
0148.COMP	10	10:19	02:38:28.5	+44:53:03	300	90	3.0	#141 Mapping t	2	
0149.02384262+4136182	330	10:21	02:38:42.6	+41:36:18	300	90	3.0	#141 Mapping t	2	
0150.COMP	10	10:27	02:38:42.6	+41:36:18	300	90	3.0	#141 Mapping t	2	
0151.02390235+4634338	720	10:28	02:39:02.3	+46:34:34	300	90	3.0	#141 Mapping t	2	
0152.COMP	10	10:40	02:39:02.3	+46:34:34	300	90	3.0	#141 Mapping t	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0153.02393747+4031474	540	10:41	02:39:37.5	+40:31:47	300	90	3.0	#141 Mapping t	2	
0154.COMP	10	10:51	02:39:37.5	+40:31:47	300	90	3.0	#141 Mapping t	2	
0155.HD232525	30	10:52	01:46:06.0	+53:36:29	300	90	3.0	#99 Other	2	
0156.HD232525	30	10:53	01:46:06.0	+53:36:29	300	90	3.0	#99 Other	2	
0157.HD232525	10	10:53	01:46:06.0	+53:36:29	300	90	3.0	#99 Other	2	
0158.HD232525	10	10:54	01:46:06.0	+53:36:29	300	90	3.0	#99 Other	2	
0159.HD232525off5sec	300	10:55	01:46:06.0	+53:36:29	300	90	3.0	#99 Other	2	
0160.HD232525off10sec	600	11:00	01:46:06.0	+53:36:29	300	90	3.0	#99 Other	2	
0161.COMP	10	11:11	01:46:06.0	+53:36:29	300	90	3.0	#99 Other	2	
0162.03122829+4110078	480	11:12	03:12:28.3	+41:10:08	300	90	3.0	#141 Mapping t	2	
0163.COMP	10	11:20	03:12:28.3	+41:10:08	300	90	3.0	#141 Mapping t	2	
0164.03131469+4057446	480	11:21	03:13:14.7	+40:57:45	300	90	3.0	#141 Mapping t	2	
0165.COMP	10	11:32	03:13:14.7	+40:57:45	300	90	3.0	#141 Mapping t	2	
0166.03132962+3822475	600	11:33	03:13:29.6	+38:22:48	300	90	3.0	#141 Mapping t	2	
0167.COMP	10	11:43	03:13:29.6	+38:22:48	300	90	3.0	#141 Mapping t	2	
0168.03135178+4114450	484	11:44	03:13:51.8	+41:14:45	300	90	3.0	#141 Mapping t	2	
0169.COMP	10	11:52	03:13:51.8	+41:14:45	300	90	3.0	#141 Mapping t	2	
0170.03540988+3407084	660	11:54	03:54:09.9	+34:07:08	300	90	3.0	#141 Mapping t	2	
0171.COMP	10	12:05	03:54:09.9	+34:07:08	300	90	3.0	#141 Mapping t	2	
0172.04295783+3209154	720	12:06	04:29:57.8	+32:09:15	300	90	3.0	#141 Mapping t	2	close high wind

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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>
0173.COMP	10	12:19	04:29:57.8	+32:09:15	300	90	3.0	#141 Mapping t	2	
0174-0183.BIAS	0	12:25	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0184-0198.FLAT	7	12:30	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0199-0203.DARK	900	13:53	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	00:28	19:50:00.0	+32:00:00	300	90	3.0	#185 NGC3227 M	2	
0011-0025.FLAT	7	00:33	19:50:00.0	+32:00:00	300	90	3.0	#185 NGC3227 M	2	
0026-0030.sky	3	00:50	19:50:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0031.COMP	10	00:50	19:50:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	engineering
0032.BLLac	300	04:57	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	
0033.BLLac	300	05:02	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	
0034.COMP	10	05:08	22:02:43.3	+42:16:40	300	90	3.0	#6 AGN Monitor	2	
0035.02110923+3504353	393	05:35	02:11:09.2	+35:04:35	300	90	3.0	#141 Mapping t	2	
0036.COMP	10	05:42	02:11:09.2	+35:04:35	300	90	3.0	#141 Mapping t	2	
0037.02113734+3507484	420	05:43	02:11:37.3	+35:07:48	300	90	3.0	#141 Mapping t	2	
0038.COMP	10	05:50	02:11:37.3	+35:07:48	300	90	3.0	#141 Mapping t	2	
0039.02125505+3505241	420	05:51	02:12:55.1	+35:05:24	300	90	3.0	#141 Mapping t	2	
0040.COMP	10	05:58	02:12:55.1	+35:05:24	300	90	3.0	#141 Mapping t	2	
0041.02120890+0747185	720	06:00	02:12:08.9	+07:47:19	300	90	3.0	#141 Mapping t	2	
0042.COMP	10	06:13	02:12:08.9	+07:47:19	300	90	3.0	#141 Mapping t	2	
0043.02144644+0727142	600	06:14	02:14:46.4	+07:27:14	300	90	3.0	#141 Mapping t	2	
0044.COMP	10	06:24	02:14:46.4	+07:27:14	300	90	3.0	#141 Mapping t	2	
0045.02181718+0753009	425	06:25	02:18:17.2	+07:53:01	300	90	3.0	#141 Mapping t	2	
0046.COMP	10	06:33	02:18:17.2	+07:53:01	300	90	3.0	#141 Mapping t	2	
0047.02225244+0844212	420	06:33	02:22:52.4	+08:44:21	300	90	3.0	#141 Mapping t	2	

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0048.COMP	10	06:41	02:22:52.4	+08:44:21	300	90	3.0	#141 Mapping t	2	
0049.02240755+0312224	360	06:42	02:24:07.6	+03:12:22	300	90	3.0	#141 Mapping t	2	
0050.COMP	10	06:49	02:24:07.6	+03:12:22	300	90	3.0	#141 Mapping t	2	
0051.02231063+0259329	420	06:50	02:23:10.6	+02:59:33	300	90	3.0	#141 Mapping t	2	
0052.COMP	10	06:57	02:23:10.6	+02:59:33	300	90	3.0	#141 Mapping t	2	
0053.02244650+0722131	360	06:58	02:24:46.5	+07:22:13	300	90	3.0	#141 Mapping t	2	
0054.COMP	10	07:04	02:24:46.5	+07:22:13	300	90	3.0	#141 Mapping t	2	
0055.02250607+0800431	360	07:05	02:25:06.1	+08:00:43	300	90	3.0	#141 Mapping t	2	
0056.COMP	10	07:11	02:25:06.1	+08:00:43	300	90	3.0	#141 Mapping t	2	
0057.02385141+0030313	360	07:12	02:38:51.4	+00:30:31	300	90	3.0	#141 Mapping t	2	
0058.COMP	10	07:18	02:38:51.4	+00:30:31	300	90	3.0	#141 Mapping t	2	
0059.02323921+0421455	330	07:19	02:32:39.2	+04:21:46	300	90	3.0	#141 Mapping t	2	
0060.COMP	10	07:25	02:32:39.2	+04:21:46	300	90	3.0	#141 Mapping t	2	
0061.02354119+1011230	330	07:27	02:35:41.2	+10:11:23	300	90	3.0	#141 Mapping t	2	
0062.COMP	10	07:33	02:35:41.2	+10:11:23	300	90	3.0	#141 Mapping t	2	
0063.02362773+1028361	330	07:33	02:36:27.7	+10:28:36	300	90	3.0	#141 Mapping t	2	
0064.COMP	10	07:39	02:36:27.7	+10:28:36	300	90	3.0	#141 Mapping t	2	
0065.02410376+1000347	600	07:40	02:41:03.8	+10:00:35	300	90	3.0	#141 Mapping t	2	
0066.COMP	10	07:50	02:41:03.8	+10:00:35	300	90	3.0	#141 Mapping t	2	
0067.02435257+0639074	360	07:51	02:43:52.6	+06:39:07	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>
0068.COMP	10	07:58	02:43:52.6	+06:39:07	300	90	3.0	#141 Mapping t	2	
0069.02465369+0535216	360	07:58	02:46:53.7	+05:35:22	300	90	3.0	#141 Mapping t	2	
0070.COMP	10	08:05	02:46:53.7	+05:35:22	300	90	3.0	#141 Mapping t	2	
0071.HD19445	10	08:06	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0072.HD19445	10	08:06	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0073.HD19445	10	08:07	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0074.COMP	10	08:07	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0075.02500889+0809238	480	08:09	02:50:08.9	+08:09:24	300	90	3.0	#141 Mapping t	2	
0076.COMP	10	08:17	02:50:08.9	+08:09:24	300	90	3.0	#141 Mapping t	2	
0077.02503476+0824413	480	08:18	02:50:34.8	+08:24:41	300	90	3.0	#141 Mapping t	2	
0078.COMP	10	08:26	02:50:34.8	+08:24:41	300	90	3.0	#141 Mapping t	2	
0079.02504258+0651343	300	08:27	02:50:42.6	+06:51:34	300	90	3.0	#141 Mapping t	2	
0080.COMP	10	08:33	02:50:42.6	+06:51:34	300	90	3.0	#141 Mapping t	2	
0081.02503885-0932053	300	08:34	02:50:38.9	-09:32:05	300	90	3.0	#141 Mapping t	2	
0082.COMP	10	08:40	02:50:38.9	-09:32:05	300	90	3.0	#141 Mapping t	2	
0083.02570461-1500466	360	08:41	02:57:04.6	-15:00:47	300	90	3.0	#141 Mapping t	2	
0084.COMP	10	08:47	02:57:04.6	-15:00:47	300	90	3.0	#141 Mapping t	2	
0085.03002163-1801433	360	08:48	03:00:21.6	-18:01:43	300	90	3.0	#141 Mapping t	2	
0086.COMP	10	08:54	03:00:21.6	-18:01:43	300	90	3.0	#141 Mapping t	2	
0087.03091196-0354547	360	08:56	03:09:12.0	-03:54:55	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>
0088.COMP	10	09:02	03:09:12.0	-03:54:55	300	90	3.0	#141 Mapping t	2	
0089.03512214-0813273	360	09:03	03:51:22.1	-08:13:27	300	90	3.0	#141 Mapping t	2	
0090.COMP	10	09:10	03:51:22.1	-08:13:27	300	90	3.0	#141 Mapping t	2	
0091.04321037-0508117	360	09:11	04:32:10.4	-05:08:12	300	90	3.0	#141 Mapping t	2	
0092.COMP	10	09:17	04:32:10.4	-05:08:12	300	90	3.0	#141 Mapping t	2	
0093.04323045-0509187	240	09:18	04:32:30.5	-05:09:19	300	90	3.0	#141 Mapping t	2	
0094.COMP	10	09:22	04:32:30.5	-05:09:19	300	90	3.0	#141 Mapping t	2	
0095.04281182-1737524	360	09:23	04:28:11.8	-17:37:52	300	90	3.0	#141 Mapping t	2	
0096.COMP	10	09:30	04:28:11.8	-17:37:52	300	90	3.0	#141 Mapping t	2	
0097.04283087-1739233	360	09:30	04:28:30.9	-17:39:23	300	90	3.0	#141 Mapping t	2	
0098.COMP	10	09:37	04:28:30.9	-17:39:23	300	90	3.0	#141 Mapping t	2	
0099.04291840-0437055	420	09:38	04:29:18.4	-04:37:06	300	90	3.0	#141 Mapping t	2	
0100.COMP	10	09:46	04:29:18.4	-04:37:06	300	90	3.0	#141 Mapping t	2	
0101.04354354-2233294	420	09:47	04:35:43.5	-22:33:29	300	90	3.0	#141 Mapping t	2	
0102.COMP	10	09:54	04:35:43.5	-22:33:29	300	90	3.0	#141 Mapping t	2	
0103.04434460-2122106	420	09:55	04:43:44.6	-21:22:11	300	90	3.0	#141 Mapping t	2	
0104.COMP	10	10:03	04:43:44.6	-21:22:11	300	90	3.0	#141 Mapping t	2	
0105.04541500-1853060	360	10:04	04:54:15.0	-18:53:06	300	90	3.0	#141 Mapping t	2	
0106.COMP	10	10:10	04:54:15.0	-18:53:06	300	90	3.0	#141 Mapping t	2	
0107.04575214-1735102	360	10:11	04:57:52.1	-17:35:10	300	90	3.0	#141 Mapping t	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0108.COMP	10	10:18	04:57:52.1	-17:35:10	300	90	3.0	#141 Mapping t	2	
0109.05042095-2025038	240	10:18	05:04:20.9	-20:25:04	300	90	3.0	#141 Mapping t	2	
0110.COMP	10	10:23	05:04:20.9	-20:25:04	300	90	3.0	#141 Mapping t	2	
0111.05045362-1938472	270	10:23	05:04:53.6	-19:38:47	300	90	3.0	#141 Mapping t	2	
0112.COMP	10	10:28	05:04:53.6	-19:38:47	300	90	3.0	#141 Mapping t	2	
0113.05213973-1439363	330	10:29	05:21:39.7	-14:39:36	300	90	3.0	#141 Mapping t	2	
0114.COMP	10	10:35	05:21:39.7	-14:39:36	300	90	3.0	#141 Mapping t	2	
0115.05171938-1157009	330	10:36	05:17:19.4	-11:57:01	300	90	3.0	#141 Mapping t	2	
0116.COMP	10	10:42	05:17:19.4	-11:57:01	300	90	3.0	#141 Mapping t	2	
0117.05324478-1150404	330	10:43	05:32:44.8	-11:50:40	300	90	3.0	#141 Mapping t	2	
0118.COMP	10	10:49	05:32:44.8	-11:50:40	300	90	3.0	#141 Mapping t	2	
0119.05444611-1403046	300	10:50	05:44:46.1	-14:03:05	300	90	3.0	#141 Mapping t	2	
0120.COMP	10	10:55	05:44:46.1	-14:03:05	300	90	3.0	#141 Mapping t	2	
0121.05461401-1801151	360	10:56	05:46:14.0	-18:01:15	300	90	3.0	#141 Mapping t	2	
0122.COMP	10	11:03	05:46:14.0	-18:01:15	300	90	3.0	#141 Mapping t	2	
0123.05471294-2241348	300	11:04	05:47:12.9	-22:41:35	300	90	3.0	#141 Mapping t	2	
0124.COMP	10	11:09	05:47:12.9	-22:41:35	300	90	3.0	#141 Mapping t	2	
0125.05560314-2200576	330	11:10	05:56:03.1	-22:00:58	300	90	3.0	#141 Mapping t	2	beware the little star just east of the galaxy
0126.COMP	10	11:16	05:56:03.1	-22:00:58	300	90	3.0	#141 Mapping t	2	gal at row 80, star at row 71
0127.05510535-1350409	360	11:17	05:51:05.3	-13:50:41	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
0128.COMP	10	11:23	05:51:05.3	-13:50:41	300	90	3.0	#141 Mapping t	2	
0129.05511312-1214419	360	11:24	05:51:13.1	-12:14:42	300	90	3.0	#141 Mapping t	2	
0130.COMP	10	11:31	05:51:13.1	-12:14:42	300	90	3.0	#141 Mapping t	2	
0131.05594671-1347520	720	11:32	05:59:46.7	-13:47:52	300	90	3.0	#141 Mapping t	2	
0132.COMP	10	11:45	05:59:46.7	-13:47:52	300	90	3.0	#141 Mapping t	2	
0133.06124385-1415522	720	11:46	06:12:43.8	-14:15:52	300	90	3.0	#141 Mapping t	2	
0134.COMP	10	11:58	06:12:43.8	-14:15:52	300	90	3.0	#141 Mapping t	2	
0135.06254173-1146165	420	11:59	06:25:41.7	-11:46:17	300	90	3.0	#141 Mapping t	2	gal ok, beware interstellar NaD
0136.COMP	10	12:07	06:25:41.7	-11:46:17	300	90	3.0	#141 Mapping t	2	
0137.05425019+0047085	600	12:08	05:42:50.2	+00:47:08	300	90	3.0	#141 Mapping t	2	
0138.COMP	10	12:18	05:42:50.2	+00:47:08	300	90	3.0	#141 Mapping t	2	
0139.05320776+0110353	600	12:19	05:32:07.8	+01:10:35	300	90	3.0	#141 Mapping t	2	
0140.COMP	10	12:30	05:32:07.8	+01:10:35	300	90	3.0	#141 Mapping t	2	
0141.N3227	180	12:31	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	shoot focus jumped a bit, cannot focus or observe standard now
0142.COMP	10	12:36	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0143-0152.BIAS	0	12:39	10:23:30.6	+19:51:54	300	90	3.0	#141 Mapping t	2	
0153-0167.FLAT	7	12:45	10:23:30.6	+19:51:54	300	90	3.0	#141 Mapping t	2	
0168-0172.DARK	900	13:57	10:23:30.6	+19:51:54	300	90	3.0	#141 Mapping t	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0020.FLAT	7	01:14	20:10:41.3	+31:28:47	300	90	3.0	#185 NGC3227 M	2	
0021-0030.BIAS	0	01:36	20:10:41.3	+31:28:47	300	90	3.0	#141 Mapping t	2	
0031.BDp284211	100	01:49	21:51:11.0	+28:51:50	300	107	3.0	#56 Spectropho	2	
0032.COMP	10	01:51	21:51:11.0	+28:51:50	300	107	3.0	#56 Spectropho	2	
0033.BDp174708	25	01:54	22:11:31.4	+18:05:34	300	-40	3.0	#56 Spectropho	2	
0034.BDp174708	25	01:55	22:11:31.4	+18:05:34	300	-40	3.0	#56 Spectropho	2	
0035.BDp174708	25	01:55	22:11:31.4	+18:05:34	300	-40	3.0	#56 Spectropho	2	
0036.COMP	10	01:56	22:11:31.4	+18:05:34	300	-40	3.0	#56 Spectropho	2	
0037.19412697+5115401	300	02:06	19:41:27.0	+51:15:40	300	80	3.0	#141 Mapping t	2	
0038.COMP	10	02:11	19:41:27.0	+51:15:40	300	80	3.0	#141 Mapping t	2	
0039.19424264+5144092	900	02:13	19:42:42.6	+51:44:09	300	70	3.0	#141 Mapping t	2	
0040.COMP	12	02:30	19:42:42.6	+51:44:09	300	70	3.0	#141 Mapping t	2	
0041.19425024+6136358	360	02:31	19:42:50.2	+61:36:36	300	90	3.0	#141 Mapping t	2	row=91
0042.COMP	10	02:38	19:42:50.2	+61:36:36	300	90	3.0	#141 Mapping t	2	
0043.19440435+5629037	300	02:40	19:44:04.3	+56:29:04	300	90	3.0	#141 Mapping t	2	
0044.COMP	10	02:47	19:44:04.3	+56:29:04	300	90	3.0	#141 Mapping t	2	
0045.19443657+0004370	240	02:51	19:44:36.6	+00:04:37	300	90	3.0	#141 Mapping t	2	
0046.COMP	10	02:55	19:44:36.6	+00:04:37	300	90	3.0	#141 Mapping t	2	
0047.19470000+5050363	1320	02:58	19:47:00.0	+50:50:36	300	90	3.0	#141 Mapping t	2	
0048.COMP	10	03:21	19:47:00.0	+50:50:36	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
0049.19470113+6500025	600	03:25	19:47:01.1	+65:00:03	300	90	3.0	#141 Mapping t	2	
0050.COMP	10	03:35	19:47:01.1	+65:00:03	300	90	3.0	#141 Mapping t	2	
0051.19470272+6458055	360	03:38	19:47:02.7	+64:58:06	300	90	3.0	#141 Mapping t	2	
0052.COMP	10	03:45	19:47:02.7	+64:58:06	300	90	3.0	#141 Mapping t	2	
0053.19481134+6646533	300	03:49	19:48:11.3	+66:46:53	300	90	3.0	#141 Mapping t	2	
0054.COMP	10	03:54	19:48:11.3	+66:46:53	300	90	3.0	#141 Mapping t	2	
0055.19482089+6500002	720	03:56	19:48:20.9	+65:00:00	300	90	3.0	#141 Mapping t	2	row=92
0056.COMP	10	04:08	19:48:20.9	+65:00:00	300	90	3.0	#141 Mapping t	2	
0057.19484277+6432225	300	04:10	19:48:42.8	+64:32:23	300	90	3.0	#141 Mapping t	2	
0058.COMP	10	04:16	19:48:42.8	+64:32:23	300	90	3.0	#141 Mapping t	2	
0059.19510328+5336175	300	04:25	19:51:03.3	+53:36:18	300	90	3.0	#141 Mapping t	2	
0060.COMP	10	04:31	19:51:03.3	+53:36:18	300	90	3.0	#141 Mapping t	2	
0061.IPHASB_3933	420	04:38	22:05:47.7	+52:53:54	300	90	3.0	#157 IPHAS	2	row=90
0062.COMP	10	04:46	22:05:47.7	+52:53:54	300	90	3.0	#157 IPHAS	2	
0063.IPHASB_3934	240	04:47	22:06:01.3	+53:57:32	300	60	3.0	#157 IPHAS	2	
0064.COMP	10	04:52	22:06:01.3	+53:57:32	300	60	3.0	#157 IPHAS	2	
0065.IPHASB_3938	900	04:54	22:06:35.0	+58:11:58	300	90	3.0	#157 IPHAS	2	
0066.COMP	10	05:10	22:06:35.0	+58:11:58	300	90	3.0	#157 IPHAS	2	
0067.IPHASB_3939	240	05:11	22:06:46.4	+55:36:45	300	90	3.0	#157 IPHAS	2	
0068.COMP	10	05:16	22:06:46.4	+55:36:45	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
0069.IPHASB_3941	420	05:17	22:07:09.5	+54:54:26	300	90	3.0	#157 IPHAS	2	
0070.COMP	10	05:25	22:07:09.5	+54:54:26	300	90	3.0	#157 IPHAS	2	
0071.IPHASB_3944	900	05:26	22:07:24.6	+52:02:46	300	90	3.0	#157 IPHAS	2	row=88
0072.COMP	10	05:42	22:07:24.6	+52:02:46	300	90	3.0	#157 IPHAS	2	
0073.IPHASB_3945	900	05:44	22:07:33.8	+56:48:01	300	90	3.0	#157 IPHAS	2	
0074.COMP	10	06:00	22:07:33.8	+56:48:01	300	90	3.0	#157 IPHAS	2	
0075.IPHASB_3946	420	06:01	22:07:38.6	+59:30:08	300	90	3.0	#157 IPHAS	2	
0076.COMP	10	06:09	22:07:38.6	+59:30:08	300	90	3.0	#157 IPHAS	2	
0077.sn2008g1	1200	06:13	01:20:54.8	+04:48:19	300	-1	3.0	#2 SN Observat	2	
0078.sn2008g1	1200	06:33	01:20:54.8	+04:48:19	300	-1	3.0	#2 SN Observat	2	
0079.COMP	10	06:53	01:20:54.8	+04:48:19	300	-1	3.0	#2 SN Observat	2	
0080.XS05750B7_017	1800	06:59	23:19:53.1	+00:41:14	300	90	3.0	#129 ChaMP Sou	2	red shift?
0081.COMP	10	07:30	23:19:53.1	+00:41:14	300	90	3.0	#129 ChaMP Sou	2	
0082.3C66A	300	07:34	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0083.3C66A	300	07:39	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0084.COMP	10	07:45	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0085.3C66B	240	07:46	02:23:11.4	+42:59:31	300	90	3.0	#6 AGN Monitor	2	
0086.3C66B	240	07:50	02:23:11.4	+42:59:31	300	90	3.0	#6 AGN Monitor	2	
0087.COMP	10	07:55	02:23:11.4	+42:59:31	300	90	3.0	#6 AGN Monitor	2	
0088.sn2008gp	1800	08:00	03:23:00.7	+01:21:43	300	-7	3.0	#2 SN Observat	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0089.COMP	10	08:31	03:23:00.7	+01:21:43	300	-7	3.0	#2 SN Observat	2	
0090.03115391+0620173	900	08:55	03:11:53.9	+06:20:17	300	90	3.0	#141 Mapping t	2	
0091.COMP	10	09:11	03:11:53.9	+06:20:17	300	90	3.0	#141 Mapping t	2	
0092.03120517+3216362	900	09:13	03:12:05.2	+32:16:36	300	100	3.0	#141 Mapping t	2	
0093.COMP	10	09:29	03:12:05.2	+32:16:36	300	100	3.0	#141 Mapping t	2	
0094.03123336+1920520	240	09:30	03:12:33.4	+19:20:52	300	90	3.0	#141 Mapping t	2	
0095.COMP	10	09:35	03:12:33.4	+19:20:52	300	90	3.0	#141 Mapping t	2	
0096.03135403+4342559	360	09:37	03:13:54.0	+43:42:56	300	90	3.0	#141 Mapping t	2	
0097.COMP	10	09:44	03:13:54.0	+43:42:56	300	90	3.0	#141 Mapping t	2	
0098.03142214+3406176	720	09:45	03:14:22.1	+34:06:18	300	90	3.0	#141 Mapping t	2	
0099.COMP	10	09:58	03:14:22.1	+34:06:18	300	90	3.0	#141 Mapping t	2	
0100.03143550+1924537	360	09:59	03:14:35.5	+19:24:54	300	90	3.0	#141 Mapping t	2	
0101.COMP	10	10:06	03:14:35.5	+19:24:54	300	90	3.0	#141 Mapping t	2	
0102.03143936+0232141	240	10:07	03:14:39.4	+02:32:14	300	90	3.0	#141 Mapping t	2	
0103.COMP	10	10:12	03:14:39.4	+02:32:14	300	90	3.0	#141 Mapping t	2	
0104.03153490+1749154	300	10:13	03:15:34.9	+17:49:15	300	90	3.0	#141 Mapping t	2	
0105.COMP	10	10:19	03:15:34.9	+17:49:15	300	90	3.0	#141 Mapping t	2	
0106.03154244+2729244	1080	10:20	03:15:42.4	+27:29:24	300	90	3.0	#141 Mapping t	2	
0107.COMP	10	10:39	03:15:42.4	+27:29:24	300	90	3.0	#141 Mapping t	2	
0108.03154517+0832065	1200	10:41	03:15:45.2	+08:32:07	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
0109.COMP	10	11:01	03:15:45.2	+08:32:07	300	90	3.0	#141 Mapping t	2	
0110.05013450+1912312	1320	11:06	05:01:34.5	+19:12:31	300	98	3.0	#141 Mapping t	2	
0111.COMP	10	11:28	05:01:34.5	+19:12:31	300	98	3.0	#141 Mapping t	2	
0112.XS04068B7_007	1500	11:31	07:47:43.1	+44:32:10	300	90	3.0	#129 ChaMP Sou	2	
0113.COMP	10	11:57	07:47:43.1	+44:32:10	300	90	3.0	#129 ChaMP Sou	2	
0114.XS04118B6_001	60	11:59	07:59:16.2	+30:07:14	300	90	3.0	#129 ChaMP Sou	2	
0115.COMP	10	12:00	07:59:16.2	+30:07:14	300	90	3.0	#129 ChaMP Sou	2	
0116.05025264+2303230	900	12:03	05:02:52.6	+23:03:23	300	90	3.0	#141 Mapping t	2	row=87
0117.COMP	10	12:19	05:02:52.6	+23:03:23	300	90	3.0	#141 Mapping t	2	
0118.05030409+2300010	780	12:20	05:03:04.1	+23:00:01	300	90	3.0	#141 Mapping t	2	
0119.COMP	10	12:34	05:03:04.1	+23:00:01	300	90	3.0	#141 Mapping t	2	
0120.N3227	240	12:36	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0121.N3227	240	12:40	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0122.COMP	10	12:45	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0123-0132.BIAS	0	12:54	10:23:30.6	+19:51:54	300	90	3.0	#56 Spectropho	2	
0133-0152.FLAT	7	13:04	10:23:30.6	+19:51:54	300	90	3.0	#56 Spectropho	2	
0153-0162.DARK	900	15:23	10:23:30.6	+19:51:54	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
0001-0004.DARK	900	01:03	17:30:00.0	-20:00:00	300	90	3.0	#56 Spectropho	2	
0005-0014.BIAS	0	01:21	17:30:00.0	-20:00:00	300	90	3.0	#56 Spectropho	2	
0015.FLAT	7	01:22	17:30:00.0	-20:00:00	300	90	3.0	#56 Spectropho	2	clouds overhead
0016-0034.FLAT	7	01:28	17:30:00.0	-20:00:00	300	90	3.0	#56 Spectropho	2	
0035.BDp284211	100	01:39	21:51:11.0	+28:51:50	300	106	3.0	#56 Spectropho	2	
0036.COMP	10	01:41	21:51:11.0	+28:51:50	300	106	3.0	#56 Spectropho	2	
0037.BDp174708	30	01:45	22:11:31.4	+18:05:34	300	-40	3.0	#56 Spectropho	2	
0038.BDp174708	30	01:46	22:11:31.4	+18:05:34	300	-40	3.0	#56 Spectropho	2	
0039.COMP	10	01:48	22:11:31.4	+18:05:34	300	-40	3.0	#56 Spectropho	2	
0040.BDp174708	25	02:58	22:11:31.4	+18:05:34	300	-3	3.0	#56 Spectropho	2	
0041.BDp174708	25	02:59	22:11:31.4	+18:05:34	300	-3	3.0	#56 Spectropho	2	
0042.COMP	10	03:00	22:11:31.4	+18:05:34	300	-3	3.0	#56 Spectropho	2	
0043.SDSS2136+0041	1200	03:04	21:36:38.6	+00:41:54	300	90	3.0	#165 Quasar Br	2	
0044.SDSS2136+0041	1200	03:24	21:36:38.6	+00:41:54	300	90	3.0	#165 Quasar Br	2	
0045.SDSS2136+0041	1200	03:44	21:36:38.6	+00:41:54	300	90	3.0	#165 Quasar Br	2	
0046.COMP	10	04:05	21:36:38.6	+00:41:54	300	90	3.0	#165 Quasar Br	2	
0047.SDSS2313+0034	1200	04:08	23:13:24.5	+00:34:45	300	90	3.0	#165 Quasar Br	2	
0048.SDSS2313+0034	1200	04:29	23:13:24.5	+00:34:45	300	90	3.0	#165 Quasar Br	2	
0049.SDSS2313+0034	1200	04:49	23:13:24.5	+00:34:45	300	90	3.0	#165 Quasar Br	2	
0050.COMP	10	05:10	23:13:24.5	+00:34:45	300	90	3.0	#165 Quasar Br	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>
0051.SDSS0045+1438	1200	05:11	00:45:27.7	+14:38:16	300	90	3.0	#165 Quasar Br	2	
0052.SDSS0045+1438	1200	05:31	00:45:27.7	+14:38:16	300	90	3.0	#165 Quasar Br	2	
0053.SDSS0045+1438	1200	05:52	00:45:27.7	+14:38:16	300	90	3.0	#165 Quasar Br	2	
0054.COMP	10	06:12	00:45:27.7	+14:38:16	300	90	3.0	#165 Quasar Br	2	
0055.SDSS0132-0027	1200	06:22	01:32:35.3	-00:27:05	300	90	3.0	#165 Quasar Br	2	
0056.SDSS0132-0027	1200	06:43	01:32:35.3	-00:27:05	300	90	3.0	#165 Quasar Br	2	
0057.SDSS0132-0027	1200	07:03	01:32:35.3	-00:27:05	300	90	3.0	#165 Quasar Br	2	
0058.COMP	10	07:23	01:32:35.3	-00:27:05	300	90	3.0	#165 Quasar Br	2	
0059.sn2008g1	1200	07:25	01:20:54.8	+04:48:19	300	31	3.0	#2 SN Observat	2	
0060.sn2008g1	1200	07:46	01:20:54.8	+04:48:19	300	31	3.0	#2 SN Observat	2	
0061.COMP	10	08:06	01:20:54.8	+04:48:19	300	31	3.0	#2 SN Observat	2	
0062.GITau	240	08:08	04:33:34.0	+24:21:18	300	90	3.0	#12 Symbiotic	2	
0063.COMP	10	08:13	04:33:34.0	+24:21:18	300	90	3.0	#12 Symbiotic	2	
0064.GKTau	240	08:14	04:33:34.5	+24:21:07	300	90	3.0	#12 Symbiotic	2	
0065.COMP	10	08:18	04:33:34.5	+24:21:07	300	90	3.0	#12 Symbiotic	2	
0066.IPHASB_1213	780	08:24	01:14:37.0	+63:56:52	300	90	3.0	#157 IPHAS	2	
0067.COMP	10	08:38	01:14:37.0	+63:56:52	300	90	3.0	#157 IPHAS	2	
0068.IPHASB_1214	660	08:40	01:14:58.9	+65:59:46	300	90	3.0	#157 IPHAS	2	
0069.COMP	10	08:51	01:14:58.9	+65:59:46	300	90	3.0	#157 IPHAS	2	
0070.IPHASB_1215	180	08:53	01:15:20.3	+58:50:03	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>
0071.COMP	10	08:57	01:15:20.3	+58:50:03	300	90	3.0	#157 IPHAS	2	
0072.IPHASB_1217	90	08:58	01:15:42.3	+60:25:58	300	90	3.0	#157 IPHAS	2	
0073.COMP	10	09:00	01:15:42.3	+60:25:58	300	90	3.0	#157 IPHAS	2	
0074.IPHASB_1218	420	09:02	01:15:43.9	+66:01:16	300	90	3.0	#157 IPHAS	2	
0075.COMP	10	09:10	01:15:43.9	+66:01:16	300	90	3.0	#157 IPHAS	2	
0076.IPHASB_1219	180	09:11	01:15:56.4	+58:48:12	300	90	3.0	#157 IPHAS	2	
0077.COMP	10	09:14	01:15:56.4	+58:48:12	300	90	3.0	#157 IPHAS	2	
0078.IPHASB_1220	780	09:16	01:16:01.1	+65:31:25	300	90	3.0	#157 IPHAS	2	
0079.COMP	10	09:31	01:16:01.1	+65:31:25	300	90	3.0	#157 IPHAS	2	
0080.IPHASB_1221	420	09:32	01:16:04.4	+63:09:27	300	90	3.0	#157 IPHAS	2	
0081.COMP	10	09:39	01:16:04.4	+63:09:27	300	90	3.0	#157 IPHAS	2	
0082.IPHASB_1222	600	09:40	01:17:20.9	+63:47:28	300	90	3.0	#157 IPHAS	2	
0083.COMP	10	09:51	01:17:20.9	+63:47:28	300	90	3.0	#157 IPHAS	2	
0084.IPHASB_1223	900	09:53	01:17:35.9	+58:09:31	300	90	3.0	#157 IPHAS	2	
0085.COMP	10	10:08	01:17:35.9	+58:09:31	300	90	3.0	#141 Mapping t	2	
0086.03155706+0138507	1200	10:10	03:15:57.1	+01:38:51	300	90	3.0	#141 Mapping t	2	
0087.COMP	10	10:31	03:15:57.1	+01:38:51	300	90	3.0	#141 Mapping t	2	
0088.03170749+4052522	240	10:33	03:17:07.5	+40:52:52	300	90	3.0	#141 Mapping t	2	
0089.COMP	10	10:38	03:17:07.5	+40:52:52	300	90	3.0	#141 Mapping t	2	
0090.03171778+3813154	480	10:39	03:17:17.8	+38:13:15	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
0091.COMP	10	10:47	03:17:17.8	+38:13:15	300	90	3.0	#141 Mapping t	2	
0092.03171816+3813062	900	10:49	03:17:18.2	+38:13:06	300	90	3.0	#141 Mapping t	2	
0093.COMP	10	11:05	03:17:18.2	+38:13:06	300	90	3.0	#141 Mapping t	2	
0094.03172664+3349474	1080	11:06	03:17:26.6	+33:49:47	300	90	3.0	#141 Mapping t	2	
0095.COMP	10	11:24	03:17:26.6	+33:49:47	300	90	3.0	#141 Mapping t	2	
0096.04073979+7934265	480	11:29	04:07:39.8	+79:34:26	300	90	3.0	#141 Mapping t	2	
0097.COMP	10	11:37	04:07:39.8	+79:34:26	300	90	3.0	#141 Mapping t	2	
0098.04081574+8540400	420	11:40	04:08:15.7	+85:40:40	300	90	3.0	#141 Mapping t	2	
0099.COMP	10	11:48	04:08:15.7	+85:40:40	300	90	3.0	#141 Mapping t	2	
0100.04273111+7459045	600	11:59	04:27:31.1	+74:59:04	300	90	3.0	#141 Mapping t	2	
0101.COMP	10	12:09	04:27:31.1	+74:59:04	300	90	3.0	#141 Mapping t	2	
0102.XS03036B6_004	1320	12:15	09:51:39.7	+59:40:38	300	90	3.0	#129 ChaMP Sou	2	
0103.COMP	10	12:38	09:51:39.7	+59:40:38	300	90	3.0	#129 ChaMP Sou	2	
0104.N3227	180	12:41	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0105.N3227	180	12:44	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0106.COMP	10	12:47	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0107-0116.BIAS	0	12:51	10:23:30.6	+19:51:54	300	90	3.0	#56 Spectropho	2	
0117-0136.FLAT	7	13:01	10:23:30.6	+19:51:54	300	90	3.0	#56 Spectropho	2	
0137-0146.DARK	900	15:21	10:23:30.6	+19:51:54	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>
0001-0007.DARK	900	00:54	10:23:30.6	+19:51:54	300	90	3.0	#56 Spectropho	2	
0008-0017.BIAS	0	01:11	10:23:30.6	+19:51:54	300	90	3.0	#56 Spectropho	2	
0018-0037.FLAT	7	01:20	10:23:30.6	+19:51:54	300	90	3.0	#56 Spectropho	2	
0038.BDp284211	120	01:45	21:51:11.0	+28:51:50	300	108	3.0	#56 Spectropho	2	
0039.COMP	10	01:47	21:51:11.0	+28:51:50	300	108	3.0	#56 Spectropho	2	
0040.BDp174708	25	01:49	22:11:31.4	+18:05:34	300	-32	3.0	#56 Spectropho	2	
0041.BDp174708	25	01:50	22:11:31.4	+18:05:34	300	-32	3.0	#56 Spectropho	2	
0042.BDp174708	25	01:51	22:11:31.4	+18:05:34	300	-32	3.0	#56 Spectropho	2	
0043.COMP	10	01:52	22:11:31.4	+18:05:34	300	-32	3.0	#56 Spectropho	2	
0044.3C390.3	300	01:55	18:42:09.0	+79:46:17	300	90	3.0	#6 AGN Monitor	2	
0045.3C390.3	300	02:00	18:42:09.0	+79:46:17	300	90	3.0	#6 AGN Monitor	2	
0046.COMP	10	02:06	18:42:09.0	+79:46:17	300	90	3.0	#6 AGN Monitor	2	
0047.1ES1959p650	300	02:17	19:59:59.8	+65:08:55	300	90	3.0	#6 AGN Monitor	2	
0048.1ES1959p650	300	02:22	19:59:59.8	+65:08:55	300	90	3.0	#6 AGN Monitor	2	
0049.COMP	10	02:28	19:59:59.8	+65:08:55	300	90	3.0	#6 AGN Monitor	2	
0050.MRK509	180	02:32	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0051.MRK509	180	02:35	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0052.COMP	10	02:39	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0053.S3535.83+4149	60	02:42	20:35:35.8	+41:49:26	300	90	3.0	#183 Young Sta	2	
0054.COMP	10	02:44	20:35:35.8	+41:49:26	300	90	3.0	#183 Young Sta	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0055.S3548.38+4205	60	02:45	20:35:48.4	+42:05:36	300	90	3.0	#183 Young Sta	2	
0056.S3636.42+4147	60	02:46	20:36:36.4	+41:47:33	300	90	3.0	#183 Young Sta	2	
0057.S3651.93+4244	60	02:48	20:36:51.9	+42:44:52	300	90	3.0	#183 Young Sta	2	
0058.S3653.10+4140	60	02:51	20:36:53.1	+41:40:51	300	90	3.0	#183 Young Sta	2	
0059.COMP	10	02:52	20:36:53.1	+41:40:51	300	90	3.0	#183 Young Sta	2	
0060.S3708.14+4239	60	02:53	20:37:08.1	+42:39:42	300	90	3.0	#183 Young Sta	2	
0061.S3708.58+4156	60	02:54	20:37:08.6	+41:56:54	300	90	3.0	#183 Young Sta	2	
0062.S3713.61+4251	60	02:56	20:37:13.6	+42:51:50	300	90	3.0	#183 Young Sta	2	
0063.S3717.09+4247	60	02:58	20:37:17.1	+42:47:56	300	90	3.0	#183 Young Sta	2	
0064.S3717.15+4133	60	03:00	20:37:17.1	+41:33:11	300	90	3.0	#183 Young Sta	2	
0065.COMP	10	03:01	20:37:17.1	+41:33:11	300	90	3.0	#183 Young Sta	2	
0066.S3729.67+4201	60	03:02	20:37:29.7	+42:01:34	300	90	3.0	#183 Young Sta	2	
0067.S3734.29+4241	60	03:04	20:37:34.3	+42:41:54	300	90	3.0	#183 Young Sta	2	
0068.S3738.42+4212	60	03:07	20:37:38.4	+42:12:13	300	90	3.0	#183 Young Sta	2	
0069.S3738.88+4213	60	03:09	20:37:38.9	+42:13:11	300	90	3.0	#183 Young Sta	2	
0070.S3742.08+4147	60	03:11	20:37:42.1	+41:47:24	300	90	3.0	#183 Young Sta	2	
0071.COMP	10	03:12	20:37:42.1	+41:47:24	300	90	3.0	#183 Young Sta	2	
0072.S3750.32+4144	60	03:13	20:37:50.3	+41:45:00	300	90	3.0	#183 Young Sta	2	
0073.S3750.84+4126	60	03:15	20:37:50.8	+41:26:28	300	90	3.0	#183 Young Sta	2	
0074.S3751.32+4122	60	03:16	20:37:51.3	+41:22:58	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
0075.S3757.82+4135	60	03:19	20:37:57.8	+41:35:46	300	90	3.0	#183 Young Sta	2	
0076.S3800.30+4156	60	03:22	20:38:00.3	+41:56:38	300	90	3.0	#183 Young Sta	2	
0077.COMP	10	03:23	20:38:00.3	+41:56:38	300	90	3.0	#183 Young Sta	2	
0078.S3828.34+4148	60	03:30	20:38:28.3	+41:48:04	300	90	3.0	#183 Young Sta	2	
0079.S3828.55+4210	60	03:32	20:38:28.6	+42:10:07	300	90	3.0	#183 Young Sta	2	
0080.S3835.68+4146	60	03:35	20:38:35.7	+41:46:11	300	90	3.0	#183 Young Sta	2	
0081.S3903.63+4213	60	03:37	20:39:03.6	+42:13:27	300	90	3.0	#183 Young Sta	2	
0082.S3904.28+4157	60	03:41	20:39:04.3	+41:57:03	300	90	3.0	#183 Young Sta	2	
0083.COMP	10	03:43	20:39:04.3	+41:57:03	300	90	3.0	#183 Young Sta	2	
0084.S3904.28+4157	60	03:44	20:39:04.3	+41:57:03	300	90	3.0	#183 Young Sta	2	
0085.S3912.39+4216	27	03:46	20:39:12.4	+42:16:37	300	90	3.0	#183 Young Sta	2	
0086.S3922.67+4212	60	03:49	20:39:22.7	+42:12:37	300	90	3.0	#183 Young Sta	2	
0087.S3945.86+4218	60	03:51	20:39:45.9	+42:18:38	300	90	3.0	#183 Young Sta	2	
0088.S3948.19+4240	60	03:53	20:39:48.2	+42:40:42	300	90	3.0	#183 Young Sta	2	
0089.COMP	10	03:55	20:39:48.2	+42:40:42	300	90	3.0	#183 Young Sta	2	
0090.S3958.17+4240	60	03:57	20:39:58.2	+42:40:23	300	90	3.0	#183 Young Sta	2	
0091.S3958.90+4128	60	03:59	20:39:58.9	+41:28:08	300	90	3.0	#183 Young Sta	2	
0092.S4005.53+4205	60	04:01	20:40:05.5	+42:05:42	300	90	3.0	#183 Young Sta	2	
0093.S4015.98+4154	60	04:03	20:40:16.0	+41:54:28	300	90	3.0	#183 Young Sta	2	
0094.S4025.85+4137	60	04:05	20:40:25.8	+41:37:27	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
0095.COMP	10	04:07	20:40:25.8	+41:37:27	300	90	3.0	#183 Young Sta	2	
0096.S4028.38+4302	60	04:08	20:40:28.4	+43:02:49	300	90	3.0	#183 Young Sta	2	
0097.S4028.49+4214	60	04:10	20:40:28.5	+42:14:05	300	90	3.0	#183 Young Sta	2	
0098.S4029.79+4144	60	04:12	20:40:29.8	+41:44:31	300	90	3.0	#183 Young Sta	2	
0099.S4033.67+4233	60	04:13	20:40:33.7	+42:33:43	300	90	3.0	#183 Young Sta	2	
0100.S4036.88+4127	60	04:15	20:40:36.9	+41:27:06	300	90	3.0	#183 Young Sta	2	
0101.COMP	10	04:17	20:40:36.9	+41:27:06	300	90	3.0	#157 IPHAS	2	
0102.IPHASB_3947	900	04:19	22:07:41.1	+59:47:34	300	80	3.0	#157 IPHAS	2	
0103.COMP	12	04:42	22:07:41.1	+59:47:34	300	80	3.0	#157 IPHAS	2	
0104.IPHASB_3948	240	04:45	22:07:50.4	+54:54:10	300	40	3.0	#157 IPHAS	2	
0105.COMP	10	04:50	22:07:50.4	+54:54:10	300	40	3.0	#157 IPHAS	2	
0106.IPHASB_3949	900	04:52	22:07:54.5	+59:06:57	300	90	3.0	#157 IPHAS	2	
0107.COMP	10	05:07	22:07:54.5	+59:06:57	300	90	3.0	#157 IPHAS	2	
0108.sn2008gr	1800	05:18	00:45:32.3	-26:34:20	300	-13	3.0	#2 SN Observat	2	
0109.COMP	10	05:49	00:45:32.3	-26:34:20	300	-13	3.0	#2 SN Observat	2	
0110.SDSS2215-0045	1200	06:15	22:15:11.9	-00:45:50	300	90	3.0	#165 Quasar Br	2	
0111.SDSS2215-0045	1200	06:35	22:15:11.9	-00:45:50	300	90	3.0	#165 Quasar Br	2	
0112.SDSS2215-0045	1200	06:55	22:15:11.9	-00:45:50	300	90	3.0	#165 Quasar Br	2	technical difficulties
0113.COMP	10	07:47	22:22:34.7	-00:45:53	300	90	3.0	#165 Quasar Br	2	will get again
0114.IPHASB_1251	720	07:56	01:31:30.5	+63:09:14	300	90	3.0	#157 IPHAS	2	

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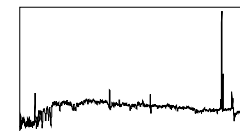
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0115.COMP	10	08:09	01:31:30.5	+63:09:14	300	90	3.0	#157 IPHAS	2	
0116.IPHASB_1252	240	08:10	01:32:13.9	+62:37:17	300	90	3.0	#157 IPHAS	2	
0117.COMP	10	08:15	01:32:13.9	+62:37:17	300	90	3.0	#157 IPHAS	2	
0118.IPHASB_1253	420	08:16	01:32:44.1	+59:56:34	300	90	3.0	#157 IPHAS	2	row=81
0119.COMP	10	08:23	01:32:44.1	+59:56:34	300	90	3.0	#157 IPHAS	2	
0120.IPHASB_1254	720	08:25	01:32:45.7	+64:52:33	300	90	3.0	#157 IPHAS	2	
0121.COMP	10	08:37	01:32:45.7	+64:52:33	300	90	3.0	#157 IPHAS	2	
0122.IPHASB_1255	840	08:38	01:32:59.6	+61:36:51	300	90	3.0	#157 IPHAS	2	
0123.COMP	10	08:53	01:32:59.6	+61:36:51	300	90	3.0	#157 IPHAS	2	
0124.IPHASB_1256	360	08:55	01:33:43.6	+67:24:43	300	90	3.0	#157 IPHAS	2	
0125.COMP	10	09:01	01:33:43.6	+67:24:43	300	90	3.0	#157 IPHAS	2	
0126.IPHASB_1258	420	09:02	01:34:25.1	+62:54:16	300	90	3.0	#157 IPHAS	2	
0127.COMP	10	09:10	01:34:25.1	+62:54:16	300	90	3.0	#157 IPHAS	2	
0128.IPHASB_1259	360	09:12	01:35:39.0	+61:03:42	300	90	3.0	#157 IPHAS	2	
0129.COMP	10	09:19	01:35:39.0	+61:03:42	300	90	3.0	#157 IPHAS	2	
0130.IPHASB_1262	180	09:20	01:37:07.0	+58:52:34	300	90	3.0	#157 IPHAS	2	
0131.COMP	10	09:23	01:37:07.0	+58:52:34	300	90	3.0	#157 IPHAS	2	
0132.IPHASB_1264	480	09:25	01:37:29.2	+60:38:06	300	90	3.0	#157 IPHAS	2	
0133.COMP	10	09:33	01:37:29.2	+60:38:06	300	90	3.0	#157 IPHAS	2	
0134.02121556+4222470	600	09:34	02:12:15.6	+42:22:47	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
0135.COMP	10	09:45	02:12:15.6	+42:22:47	300	90	3.0	#141 Mapping t	2	
0136.02125582+5018384	360	09:46	02:12:55.8	+50:18:38	300	90	3.0	#141 Mapping t	2	
0137.COMP	10	09:53	02:12:55.8	+50:18:38	300	90	3.0	#141 Mapping t	2	
0138.02133191+1648351	240	09:55	02:13:31.9	+16:48:35	300	90	3.0	#141 Mapping t	2	
0139.COMP	10	09:59	02:13:31.9	+16:48:35	300	90	3.0	#141 Mapping t	2	
0140.02141114+1736453	540	10:01	02:14:11.1	+17:36:45	300	90	3.0	#141 Mapping t	2	
0141.COMP	10	10:10	02:14:11.1	+17:36:45	300	90	3.0	#141 Mapping t	2	
0142.02150373+3044595	420	10:11	02:15:03.7	+30:45:00	300	90	3.0	#141 Mapping t	2	
0143.COMP	10	10:19	02:15:03.7	+30:45:00	300	90	3.0	#141 Mapping t	2	
0144.02150460+1724317	480	10:20	02:15:04.6	+17:24:32	300	90	3.0	#141 Mapping t	2	
0145.COMP	10	10:29	02:15:04.6	+17:24:32	300	90	3.0	#141 Mapping t	2	
0146.03171816+3813062	420	10:33	03:17:18.2	+38:13:06	300	90	3.0	#141 Mapping t	2	redo
0147.COMP	10	10:41	03:17:18.2	+38:13:06	300	90	3.0	#141 Mapping t	2	
0148.03173678+0538084	480	10:44	03:17:36.8	+05:38:08	300	90	3.0	#141 Mapping t	2	
0149.COMP	10	10:54	03:17:36.8	+05:38:08	300	90	3.0	#141 Mapping t	2	
0150.03175134+3350345	300	10:56	03:17:51.3	+33:50:35	300	90	3.0	#141 Mapping t	2	
0151.COMP	10	11:02	03:17:51.3	+33:50:35	300	90	3.0	#141 Mapping t	2	
0152.03182680+4517471	420	11:04	03:18:26.8	+45:17:47	300	90	3.0	#141 Mapping t	2	
0153.COMP	10	11:11	03:18:26.8	+45:17:47	300	90	3.0	#141 Mapping t	2	
0154.03184724+3443463	480	11:13	03:18:47.2	+34:43:46	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>
0155.COMP	10	11:21	03:18:47.2	+34:43:46	300	90	3.0	#141 Mapping t	2	
0156.03191013+2718116	420	11:23	03:19:10.1	+27:18:12	300	80	3.0	#141 Mapping t	2	
0157.COMP	10	11:30	03:19:10.1	+27:18:12	300	80	3.0	#141 Mapping t	2	
0158.03192170+4024381	420	11:33	03:19:21.7	+40:24:38	300	60	3.0	#141 Mapping t	2	
0159.COMP	10	11:41	03:19:21.7	+40:24:38	300	60	3.0	#141 Mapping t	2	
0160.BGGem	300	11:43	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0161.BGGem	1200	11:49	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0162.COMP	10	12:10	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0163.N3227	240	12:12	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0164.N3227	240	12:17	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0165.COMP	10	12:21	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0166.BXMon	15	12:27	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0167.BXMon	180	12:28	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0168.COMP	10	12:31	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0169.MRK421	300	12:35	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0170.COMP	10	12:40	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0171-0180.BIAS	0	12:44	11:04:27.4	+38:12:32	300	90	3.0	#183 Young Sta	2	
0181-0200.FLAT	7	12:53	11:04:27.4	+38:12:32	300	90	3.0	#183 Young Sta	2	
0201-0210.DARK	900	15:13	11:04:27.4	+38:12:32	300	90	3.0	#183 Young Sta	2	

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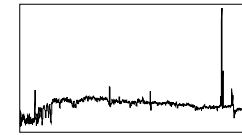
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	01:04	11:04:27.4	+38:12:32	300	90	3.0	#183 Young Sta	2	
0006-0015.BIAS	0	01:21	11:04:27.4	+38:12:32	300	90	3.0	#183 Young Sta	2	
0016-0035.FLAT	7	01:33	11:04:27.4	+38:12:32	300	90	3.0	#183 Young Sta	2	
0036.BDp284211	120	01:40	21:51:11.0	+28:51:50	300	107	3.0	#56 Spectropho	2	
0037.COMP	10	01:42	21:51:11.0	+28:51:50	300	107	3.0	#56 Spectropho	2	
0038.BDp174708	25	01:48	22:11:31.4	+18:05:34	300	-33	3.0	#56 Spectropho	2	
0039.BDp174708	25	01:48	22:11:31.4	+18:05:34	300	-33	3.0	#56 Spectropho	2	
0040.BDp174708	25	01:49	22:11:31.4	+18:05:34	300	-33	3.0	#56 Spectropho	2	
0041.COMP	10	01:50	22:11:31.4	+18:05:34	300	-33	3.0	#56 Spectropho	2	
0042.19440435+5629037	1200	01:57	19:44:04.3	+56:29:04	300	70	3.0	#141 Mapping t	2	redo
0043.COMP	10	02:20	19:44:04.3	+56:29:04	300	70	3.0	#141 Mapping t	2	
0044.IFC037	900	02:23	19:15:45.0	+18:03:08	300	90	3.0	#186 IPHAS AGB	2	VERY red object!
0045.COMP	10	02:39	19:15:45.0	+18:03:08	300	90	3.0	#186 IPHAS AGB	2	
0046.IFS031	780	02:42	19:18:01.8	+13:50:20	300	40	3.0	#186 IPHAS AGB	2	row=82
0047.COMP	10	02:56	19:18:01.8	+13:50:20	300	40	3.0	#186 IPHAS AGB	2	try again
0048.IFS031	1200	02:59	19:18:01.8	+13:50:20	300	40	3.0	#186 IPHAS AGB	2	row=82
0049.COMP	10	03:19	19:18:01.8	+13:50:20	300	40	3.0	#186 IPHAS AGB	2	
0050.IFC040	1200	03:21	19:27:42.7	+18:11:26	300	90	3.0	#186 IPHAS AGB	2	row=79! VERY RED!
0051.COMP	10	03:42	19:27:42.7	+18:11:26	300	90	3.0	#186 IPHAS AGB	2	
0052.IFS036	1560	03:46	21:29:50.9	+51:29:47	300	70	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>
0053.COMP	10	04:13	21:29:50.9	+51:29:47	300	70	3.0	#186 IPHAS AGB	2	
0054.IFS037	1200	04:15	21:29:33.3	+51:27:50	300	70	3.0	#186 IPHAS AGB	2	row=82
0055.COMP	10	04:35	21:29:33.3	+51:27:50	300	70	3.0	#186 IPHAS AGB	2	
0056.IFC044	1320	04:37	23:35:15.8	+62:51:57	300	75	3.0	#186 IPHAS AGB	2	row=84
0057.COMP	10	05:00	23:35:15.8	+62:51:57	300	75	3.0	#186 IPHAS AGB	2	
0058.IFS038	1020	05:08	23:37:49.7	+64:21:19	300	90	3.0	#186 IPHAS AGB	2	
0059.COMP	10	05:26	23:37:49.7	+64:21:19	300	90	3.0	#186 IPHAS AGB	2	
0060.IPHASB_3950	720	05:28	22:08:01.6	+61:02:19	300	90	3.0	#157 IPHAS	2	
0061.COMP	10	05:40	22:08:01.6	+61:02:19	300	90	3.0	#157 IPHAS	2	
0062.IPHASB_3952	720	05:42	22:08:04.3	+57:34:17	300	90	3.0	#157 IPHAS	2	
0063.COMP	10	05:55	22:08:04.3	+57:34:17	300	90	3.0	#157 IPHAS	2	
0064.sn2008g1	1200	06:00	01:20:54.8	+04:48:19	300	0	3.0	#2 SN Observat	2	
0065.sn2008g1	1200	06:20	01:20:54.8	+04:48:19	300	0	3.0	#2 SN Observat	2	
0066.COMP	10	06:41	01:20:54.8	+04:48:19	300	0	3.0	#2 SN Observat	2	
0067.IPHASB_1017	900	06:46	00:04:48.6	+59:11:04	300	90	3.0	#157 IPHAS	2	
0068.COMP	10	07:02	00:04:48.6	+59:11:04	300	90	3.0	#157 IPHAS	2	
0069.IPHASB_1018	180	07:03	00:04:52.7	+65:05:50	300	90	3.0	#157 IPHAS	2	
0070.COMP	10	07:07	00:04:52.7	+65:05:50	300	90	3.0	#157 IPHAS	2	
0071.IPHASB_1019	600	07:09	00:05:11.9	+62:53:10	300	90	3.0	#157 IPHAS	2	
0072.COMP	10	07:20	00:05:11.9	+62:53:10	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>
0073.IPHASB_1020	780	07:21	00:05:29.9	+61:55:00	300	90	3.0	#157 IPHAS	2	
0074.COMP	10	07:35	00:05:29.9	+61:55:00	300	90	3.0	#157 IPHAS	2	
0075.IPHASB_1021	90	07:36	00:05:58.5	+63:17:52	300	90	3.0	#157 IPHAS	2	
0076.COMP	10	07:38	00:05:58.5	+63:17:52	300	90	3.0	#157 IPHAS	2	
0077.IPHASB_1022	900	07:39	00:05:59.1	+65:00:48	300	70	3.0	#157 IPHAS	2	
0078.COMP	10	07:55	00:05:59.1	+65:00:48	300	70	3.0	#157 IPHAS	2	
0079.IPHASB_1023	780	08:02	00:06:02.3	+64:09:26	300	90	3.0	#157 IPHAS	2	
0080.COMP	10	08:15	00:06:02.3	+64:09:26	300	90	3.0	#157 IPHAS	2	
0081.IPHASB_1024	360	08:17	00:06:45.4	+64:46:09	300	90	3.0	#157 IPHAS	2	
0082.COMP	10	08:23	00:06:45.4	+64:46:09	300	90	3.0	#157 IPHAS	2	
0083.IPHASB_1027	90	08:24	00:07:16.5	+62:37:47	300	90	3.0	#157 IPHAS	2	
0084.COMP	10	08:26	00:07:16.5	+62:37:47	300	90	3.0	#157 IPHAS	2	
0085.IPHASB_1029	90	08:27	00:07:20.1	+64:57:21	300	90	3.0	#157 IPHAS	2	
0086.COMP	10	08:29	00:07:20.1	+64:57:21	300	90	3.0	#157 IPHAS	2	
0087.IPHASB_1344	90	08:36	02:00:14.9	+57:00:18	300	90	3.0	#157 IPHAS	2	
0088.COMP	10	08:38	02:00:14.9	+57:00:18	300	90	3.0	#157 IPHAS	2	
0089.3C66A	240	08:40	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0090.3C66A	240	08:44	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0091.COMP	10	08:49	02:22:39.6	+43:02:08	300	90	3.0	#6 AGN Monitor	2	
0092.3C66B	240	08:50	02:23:11.4	+42:59:31	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>
0093.3C66B	240	08:54	02:23:11.4	+42:59:31	300	90	3.0	#6 AGN Monitor	2	
0094.COMP	10	08:59	02:23:11.4	+42:59:31	300	90	3.0	#6 AGN Monitor	2	
0095.IPHASB_1345	90	09:00	02:00:37.8	+65:21:34	300	90	3.0	#157 IPHAS	2	
0096.COMP	10	09:02	02:00:37.8	+65:21:34	300	90	3.0	#157 IPHAS	2	
0097.IPHASB_1346	420	09:03	02:00:39.5	+60:32:59	300	90	3.0	#157 IPHAS	2	
0098.COMP	10	09:11	02:00:39.5	+60:32:59	300	90	3.0	#157 IPHAS	2	
0099.IPHASB_1348	120	09:12	02:00:48.8	+58:58:35	300	90	3.0	#157 IPHAS	2	
0100.COMP	10	09:14	02:00:48.8	+58:58:35	300	90	3.0	#157 IPHAS	2	
0101.IPHASB_1349	420	09:15	02:00:49.4	+63:59:44	300	90	3.0	#157 IPHAS	2	
0102.COMP	10	09:23	02:00:49.4	+63:59:44	300	90	3.0	#157 IPHAS	2	
0103.IPHASB_1350	780	09:24	02:00:56.0	+57:55:29	300	90	3.0	#157 IPHAS	2	
0104.COMP	10	09:38	02:00:56.0	+57:55:29	300	90	3.0	#157 IPHAS	2	
0105.IPHASB_1351	900	09:39	02:01:11.6	+61:28:27	300	90	3.0	#157 IPHAS	2	
0106.COMP	10	09:55	02:01:11.6	+61:28:27	300	90	3.0	#157 IPHAS	2	
0107.IPHASB_1352	90	09:56	02:01:44.9	+58:19:30	300	90	3.0	#157 IPHAS	2	
0108.COMP	10	09:58	02:01:44.9	+58:19:30	300	90	3.0	#157 IPHAS	2	
0109.IPHASB_1355	90	09:59	02:02:03.2	+63:02:13	300	90	3.0	#157 IPHAS	2	
0110.COMP	10	10:02	02:02:03.2	+63:02:13	300	90	3.0	#157 IPHAS	2	
0111.IPHASB_1356	540	10:03	02:03:26.0	+63:59:43	300	90	3.0	#157 IPHAS	2	
0112.COMP	10	10:12	02:03:26.0	+63:59:43	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>
0113.IPHASB_1357	100	10:13	02:03:28.0	+62:43:34	300	90	3.0	#157 IPHAS	2	
0114.COMP	10	10:15	02:03:28.0	+62:43:34	300	90	3.0	#157 IPHAS	2	
0115.IPHASB_1358	300	10:16	02:04:07.9	+64:31:22	300	90	3.0	#157 IPHAS	2	
0116.COMP	10	10:22	02:04:07.9	+64:31:22	300	90	3.0	#157 IPHAS	2	
0117.IPHASB_1359	240	10:23	02:04:22.1	+59:58:56	300	90	3.0	#157 IPHAS	2	
0118.COMP	10	10:27	02:04:22.1	+59:58:56	300	90	3.0	#157 IPHAS	2	
0119.03000005+0646284	660	10:30	03:00:00.0	+06:46:28	300	90	3.0	#141 Mapping t	2	
0120.COMP	10	10:41	03:00:00.0	+06:46:28	300	90	3.0	#141 Mapping t	2	
0121.03001733+2433463	480	10:44	03:00:17.3	+24:33:46	300	90	3.0	#141 Mapping t	2	
0122.COMP	10	10:53	03:00:17.3	+24:33:46	300	90	3.0	#141 Mapping t	2	
0123.03002644+4438091	1560	10:54	03:00:26.4	+44:38:09	300	90	3.0	#141 Mapping t	2	
0124.COMP	10	11:21	03:00:26.4	+44:38:09	300	90	3.0	#141 Mapping t	2	
0125.03495587+0653058	480	11:27	03:49:55.9	+06:53:06	300	90	3.0	#141 Mapping t	2	
0126.COMP	10	11:35	03:49:55.9	+06:53:06	300	90	3.0	#141 Mapping t	2	
0127.03503349+0659581	480	11:36	03:50:33.5	+06:59:58	300	90	3.0	#141 Mapping t	2	
0128.COMP	10	11:45	03:50:33.5	+06:59:58	300	90	3.0	#141 Mapping t	2	
0129.03511665+0116572	600	11:46	03:51:16.6	+01:16:57	300	90	3.0	#141 Mapping t	2	
0130.COMP	10	11:57	03:51:16.6	+01:16:57	300	90	3.0	#141 Mapping t	2	
0131.04155918+1059344	780	11:58	04:15:59.2	+10:59:34	300	90	3.0	#141 Mapping t	2	
0132.COMP	12	12:11	04:15:59.2	+10:59:34	300	90	3.0	#141 Mapping t	2	

UT Date 2008-11-01 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>
0133.04162812+0041105	780	12:13	04:16:28.1	+00:41:11	300	90	3.0	#141 Mapping t	2	
0134.COMP	10	12:27	04:16:28.1	+00:41:11	300	90	3.0	#141 Mapping t	2	
0135.N3227	180	12:30	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0136.N3227	180	12:34	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0137.COMP	10	12:37	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0138.Feige34	120	12:38	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0139.COMP	10	12:41	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0140.N3377	210	12:43	10:47:42.4	+13:59:08	300	90	3.0	#57 Velocity S	2	
0141.COMP	10	12:47	10:47:42.4	+13:59:08	300	90	3.0	#57 Velocity S	2	
0142-0151.BIAS	0	12:51	10:47:42.4	+13:59:08	300	90	3.0	#56 Spectropho	2	
0152-0171.FLAT	7	12:57	10:47:42.4	+13:59:08	300	90	3.0	#56 Spectropho	2	
0172-0181.DARK	900	15:18	10:47:42.4	+13:59:08	300	90	3.0	#56 Spectropho	2	