

UT Date 2001-10-10 Observers J. HuchraColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.BIAS	0	1:26	19:17:04.0	31:30:00	300	90	3.0	#57 Velocity S	4	
0011-0020.FLAT	8	1:30	19:21:28.0	31:30:00	300	90	3.0	#57 Velocity S	4	
0021-0027.BIAS	0	1:32	19:23:30.0	31:30:00	300	90	3.0	#57 Velocity S	2	
0028-0030.BIAS	0	1:33	19:24:13.0	31:29:59	300	90	3.0	#57 Velocity S	2	
0031-0040.FLAT	15	1:38	19:29:24.0	31:29:59	300	90	3.0	#57 Velocity S	2	
0041.Sky	50	1:38	19:32:53.0	31:29:58	300	90	3.0	#57 Velocity S	4	
0042.COMP	5	1:38	19:35:59.0	31:29:58	300	90	3.0	#57 Velocity S	4	
0043.BDp284211	60	1:38	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0044.COMP	5	1:38	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0045.2M011736.5p595948	600	1:38	01:17:36.5	+59:59:48	300	90	3.0	#68 2MASS Reds	4	
0046.COMP	5	1:38	01:17:36.5	+59:59:48	300	90	3.0	#68 2MASS Reds	4	
0047.2M012024.0p580137	480	1:38	01:20:24.0	+58:01:37	300	90	3.0	#68 2MASS Reds	4	
0048.COMP	5	1:38	01:20:24.0	+58:01:37	300	90	3.0	#68 2MASS Reds	4	
0049.2M012359.0p560550	720	1:38	01:23:59.0	+56:05:50	300	90	3.0	#68 2MASS Reds	4	
0050.COMP	5	1:38	01:23:59.0	+56:05:50	300	90	3.0	#68 2MASS Reds	4	
0051.2M012706.2p582633	480	1:38	01:27:06.2	+58:26:33	300	90	3.0	#68 2MASS Reds	4	
0052.COMP	5	1:38	01:27:06.2	+58:26:33	300	90	3.0	#68 2MASS Reds	4	
0053.2M012706.2p582633	480	1:38	01:27:06.2	+58:26:33	300	90	3.0	#68 2MASS Reds	4	
0054.2M013009.8p575046	600	1:38	01:30:09.8	+57:50:46	300	90	3.0	#68 2MASS Reds	4	
0055.COMP	5	1:38	01:30:09.8	+57:50:46	300	90	3.0	#68 2MASS Reds	4	

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0056.2M013009.8p575046	660	1:38	01:30:09.8	+57:50:46	300	90	3.0	#68 2MASS Reds	4	
0057.COMP	5	1:38	01:30:09.8	+57:50:46	300	90	3.0	#68 2MASS Reds	4	
0058.2M015435.4p480004	480	1:38	01:54:35.4	+48:00:04	300	90	3.0	#68 2MASS Reds	4	
0059.COMP	5	1:38	01:54:35.4	+48:00:04	300	90	3.0	#68 2MASS Reds	4	
0060.2M015530.7p475717	360	1:38	01:55:30.7	+47:57:17	300	90	3.0	#68 2MASS Reds	4	
0061.COMP	5	1:38	01:55:30.7	+47:57:17	300	90	3.0	#68 2MASS Reds	4	
0062.2M015858.6p420954	600	1:38	01:58:58.6	+42:09:54	300	90	3.0	#68 2MASS Reds	4	
0063.COMP	5	1:38	01:58:58.6	+42:09:54	300	90	3.0	#68 2MASS Reds	4	
0064.2M015858.6p420954	600	1:38	01:58:58.6	+42:09:54	300	90	3.0	#68 2MASS Reds	4	
0065.COMP	5	1:38	01:58:58.6	+42:09:54	300	90	3.0	#68 2MASS Reds	4	
0066.2M031458.3p045428	720	1:38	03:14:58.3	+04:54:28	300	90	3.0	#68 2MASS Reds	4	
0067.COMP	5	1:38	03:14:58.3	+04:54:28	300	90	3.0	#68 2MASS Reds	4	
0068.sn2001ep	1200	1:38	04:57:00.2	-04:45:40	300	90	3.0	#2 SN Observat	2	
0069.COMP	12	1:38	04:57:00.2	-04:45:40	300	90	3.0	#2 SN Observat	2	
0070.BGGem	300	1:38	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0071.BGGem	1200	1:38	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0072.COMP	12	1:38	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0073-0082.FLAT	15	12:24	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0083-0092.BIAS	0	12:33	06:25:52.0	31:30:32	300	90	3.0	#100 BGGem	2	
0093-0102.BIAS	0	12:35	06:28:09.0	31:30:32	300	90	3.0	#100 BGGem	4	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bir</i>	<i>Comments</i>
0103-0107.FLAT	7	12:38	06:30:59.0	31:30:32	300	90	3.0	#100 BGGem	4	
0108-0112.FLAT	7	12:39	06:32:16.0	31:30:33	300	90	3.0	#100 BGGem	4	
0113.DARK	600	12:39	06:44:30.0	31:30:34	300	90	3.0	#100 BGGem	4	
0114.DARK	600	12:39	06:54:42.0	31:30:36	300	90	3.0	#100 BGGem	4	
0115.DARK	600	12:39	07:04:50.0	31:30:37	300	90	3.0	#100 BGGem	4	
0116.DARK	600	12:39	07:14:58.0	31:30:38	300	90	3.0	#100 BGGem	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.BIAS	0	23:26	16:00:00.0	31:00:00	300	90	2.0		4	
0011-0015.DARK	600	1:02	16:00:00.0	31:00:00	300	90	2.0		4	
0016-0025.FLAT	8	1:17	16:00:00.0	31:00:00	300	90	2.0		4	
0026-0035.FLAT	15	1:23	16:00:00.0	31:00:00	300	90	2.0		2	
0036-0045.BIAS	0	1:27	16:00:00.0	31:00:00	300	90	2.0		2	
0046.Sky	50	1:27	16:00:00.0	31:00:00	300	90	3.0	#57 Velocity S	4	
0047-0048.Sky	120	1:33	16:00:00.0	31:00:00	300	90	3.0	#57 Velocity S	4	
0049.COMP	5	1:33	16:00:00.0	31:00:00	300	90	3.0	#57 Velocity S	4	
0050.BDp284211	60	1:33	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0051.COMP	5	1:33	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0052.MRK509	60	1:33	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	4	
0053.MRK509	60	1:33	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	4	
0054.COMP	5	1:33	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	4	
0055.Akn564	60	1:33	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0056.Akn564	60	1:33	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0057.Akn564	60	1:33	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0058.COMP	5	1:33	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0059.2M182511.4p020124	720	1:33	18:25:11.4	+02:01:24	300	90	3.0	#68 2MASS Reds	4	
0060.COMP	5	1:33	18:25:11.4	+02:01:24	300	90	3.0	#68 2MASS Reds	4	
0061.2M182511.4p020124	720	1:33	18:25:11.4	+02:01:24	300	90	3.0	#68 2MASS Reds	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0062.COMP	5	1:33	18:25:11.4	+02:01:24	300	90	3.0	#68 2MASS Reds	4	
0063.2M182511.4p020124	720	1:33	18:25:11.4	+02:01:24	300	90	3.0	#68 2MASS Reds	4	
0064.COMP	5	1:33	18:25:11.4	+02:01:24	300	90	3.0	#68 2MASS Reds	4	
0065.2M191703.8m014214	480	1:33	19:17:03.8	-01:42:14	300	90	3.0	#68 2MASS Reds	4	
0066.COMP	5	1:33	19:17:03.8	-01:42:14	300	90	3.0	#68 2MASS Reds	4	
0067.2M191703.8m014214	480	1:33	19:17:03.8	-01:42:14	300	90	3.0	#68 2MASS Reds	4	
0068.COMP	5	1:33	19:17:03.8	-01:42:14	300	90	3.0	#68 2MASS Reds	4	
0069.2M202946.8p353141	360	1:33	20:29:46.8	+35:31:41	300	90	3.0	#68 2MASS Reds	4	
0070.COMP	5	1:33	20:29:46.8	+35:31:41	300	90	3.0	#68 2MASS Reds	4	
0071.2M204516.0p362848	480	1:33	20:45:16.0	+36:28:48	300	90	3.0	#68 2MASS Reds	4	
0072.COMP	5	1:33	20:45:16.0	+36:28:48	300	90	3.0	#68 2MASS Reds	4	
0073.2M204526.6p362612	450	1:33	20:45:26.6	+36:26:12	300	90	3.0	#68 2MASS Reds	4	
0074.COMP	5	1:33	20:45:26.6	+36:26:12	300	90	3.0	#68 2MASS Reds	4	
0075.2M211538.8p425245	600	1:33	21:15:38.8	+42:52:45	300	90	3.0	#68 2MASS Reds	4	
0076.COMP	5	1:33	21:15:38.8	+42:52:45	300	90	3.0	#68 2MASS Reds	4	
0077.2M212148.8p431330	480	1:33	21:21:48.8	+43:13:30	300	90	3.0	#68 2MASS Reds	4	
0078.COMP	5	1:33	21:21:48.8	+43:13:30	300	90	3.0	#68 2MASS Reds	4	
0079.2M213223.5p470624	720	1:33	21:32:23.5	+47:06:24	300	90	3.0	#68 2MASS Reds	4	
0080.COMP	5	1:33	21:32:23.5	+47:06:24	300	90	3.0	#68 2MASS Reds	4	
0081.2M213223.5p470624	600	1:33	21:32:23.5	+47:06:24	300	90	3.0	#68 2MASS Reds	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0082.COMP	5	1:33	21:32:23.5	+47:06:24	300	90	3.0	#68 2MASS Reds	4	
0083.2M213902.2p441420	420	1:33	21:39:02.2	+44:14:20	300	90	3.0	#68 2MASS Reds	4	
0084.COMP	5	1:33	21:39:02.2	+44:14:20	300	90	3.0	#68 2MASS Reds	4	
0085.2M214250.1p431146	360	1:33	21:42:50.1	+43:11:46	300	90	3.0	#68 2MASS Reds	4	
0086.COMP	5	1:33	21:42:50.1	+43:11:46	300	90	3.0	#68 2MASS Reds	4	
0087.2M214250.1p431146	360	1:33	21:42:50.1	+43:11:46	300	90	3.0	#68 2MASS Reds	4	
0088.COMP	5	1:33	21:42:50.1	+43:11:46	300	90	3.0	#68 2MASS Reds	4	
0089.2M214256.7p442301	450	1:33	21:42:56.7	+44:23:01	300	90	3.0	#68 2MASS Reds	4	
0090.COMP	5	1:33	21:42:56.7	+44:23:01	300	90	3.0	#68 2MASS Reds	4	
0091.2M214746.0p410707	420	1:33	21:47:46.0	+41:07:07	300	90	3.0	#68 2MASS Reds	4	
0092.COMP	5	1:33	21:47:46.0	+41:07:07	300	90	3.0	#68 2MASS Reds	4	
0093.2M214741.0p454739	360	1:33	21:47:41.0	+45:47:39	300	90	3.0	#68 2MASS Reds	4	
0094.COMP	5	1:33	21:47:41.0	+45:47:39	300	90	3.0	#68 2MASS Reds	4	
0095.2M215124.2p460303	300	1:33	21:51:24.2	+46:03:03	300	90	3.0	#68 2MASS Reds	4	
0096.COMP	5	1:33	21:51:24.2	+46:03:03	300	90	3.0	#68 2MASS Reds	4	
0097.2M215124.2p460303	360	1:33	21:51:24.2	+46:03:03	300	90	3.0	#68 2MASS Reds	4	
0098.COMP	5	1:33	21:51:24.2	+46:03:03	300	90	3.0	#68 2MASS Reds	4	
0099.2M215056.4p443231	400	1:33	21:50:56.4	+44:32:31	300	90	3.0	#68 2MASS Reds	4	
0100.COMP	5	1:33	21:50:56.4	+44:32:31	300	90	3.0	#68 2MASS Reds	4	
0101.2M214831.9p440223	600	1:33	21:48:31.9	+44:02:23	300	90	3.0	#68 2MASS Reds	4	

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0102.COMP	5	1:33	21:48:31.9	+44:02:23	300	90	3.0	#68 2MASS Reds	4	
0103.2M215425.6p455538	600	1:33	21:54:25.6	+45:55:38	300	90	3.0	#68 2MASS Reds	4	
0104.COMP	5	1:33	21:54:25.6	+45:55:38	300	90	3.0	#68 2MASS Reds	4	
0105.2M220444.9p445656	480	1:33	22:04:44.9	+44:56:56	300	90	3.0	#68 2MASS Reds	4	
0106.COMP	5	1:33	22:04:44.9	+44:56:56	300	90	3.0	#68 2MASS Reds	4	
0107.2M220702.8p512241	720	1:33	22:07:02.8	+51:22:41	300	90	3.0	#68 2MASS Reds	4	
0108.COMP	5	1:33	22:07:02.8	+51:22:41	300	90	3.0	#68 2MASS Reds	4	
0109.2M220710.2p522438	600	1:33	22:07:10.2	+52:24:38	300	90	3.0	#68 2MASS Reds	4	
0110.COMP	5	1:33	22:07:10.2	+52:24:38	300	90	3.0	#68 2MASS Reds	4	
0111.2M222935.0p505142	360	1:33	22:29:36.0	+50:51:42	300	90	3.0	#68 2MASS Reds	4	
0112.COMP	5	1:33	22:29:36.0	+50:51:42	300	90	3.0	#68 2MASS Reds	4	
0113.2M224840.0p530945	600	1:33	22:48:40.0	+53:09:45	300	90	3.0	#68 2MASS Reds	4	
0114.COMP	5	1:33	22:48:40.0	+53:09:45	300	90	3.0	#68 2MASS Reds	4	
0115.2M231417.6p494750	240	1:33	23:14:17.6	+49:47:50	300	90	3.0	#68 2MASS Reds	4	
0116.COMP	5	1:33	23:14:17.6	+49:47:50	300	90	3.0	#68 2MASS Reds	4	
0117.2M232716.2p690046	600	1:33	23:27:16.2	+69:00:46	300	90	3.0	#68 2MASS Reds	4	
0118.COMP	5	1:33	23:27:16.2	+69:00:46	300	90	3.0	#68 2MASS Reds	4	
0119.2M232716.2p690046	600	1:33	23:27:16.2	+69:00:46	300	90	3.0	#68 2MASS Reds	4	
0120.COMP	5	1:33	23:27:16.2	+69:00:46	300	90	3.0	#68 2MASS Reds	4	
0121.2M232716.2p690046	600	1:33	23:27:16.2	+69:00:46	300	90	3.0	#68 2MASS Reds	4	

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0122.COMP	5	1:33	23:27:16.2	+69:00:46	300	90	3.0	#68 2MASS Reds	4	
0123.2M234053.0p570606	480	1:33	23:40:54.0	+57:06:06	300	90	3.0	#68 2MASS Reds	4	
0124.COMP	5	1:33	23:40:54.0	+57:06:06	300	90	3.0	#68 2MASS Reds	4	
0125.2M235920.4p531430	600	1:33	23:59:20.4	+53:14:30	300	90	3.0	#68 2MASS Reds	4	
0126.COMP	5	1:33	23:59:20.4	+53:14:30	300	90	3.0	#68 2MASS Reds	4	
0127.N7469	90	1:33	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	4	
0128.N7469	90	1:33	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	4	
0129.COMP	5	1:33	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	4	
0130.MRK335	120	1:33	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	4	
0131.MRK335	120	1:33	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	4	
0132.COMP	5	1:33	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	4	
0133.sn2001en	1200	1:33	01:25:22.9	34:01:30	300	90	3.0	#2 SN Observat	2	
0134.COMP	12	1:33	01:25:22.9	34:01:30	300	90	3.0	#2 SN Observat	2	
0135.Feige25	60	1:33	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	2	
0136.2M022951.1p613226	420	1:33	02:29:51.1	+61:32:26	300	90	3.0	#68 2MASS Reds	4	
0137.COMP	5	1:33	02:29:51.1	+61:32:26	300	90	3.0	#68 2MASS Reds	4	
0138.2M022951.1p613226	420	1:33	02:29:51.1	+61:32:26	300	90	3.0	#68 2MASS Reds	4	
0139.COMP	5	1:33	02:29:51.1	+61:32:26	300	90	3.0	#68 2MASS Reds	4	
0140.2M022951.1p613226	660	1:33	02:29:51.1	+61:32:26	300	90	3.0	#68 2MASS Reds	4	
0141.COMP	5	1:33	02:29:51.1	+61:32:26	300	90	3.0	#68 2MASS Reds	4	



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0142.2M022953.6p740151	480	1:33	02:29:53.6	+74:01:51	300	90	3.0	#68 2MASS Reds	4	
0143.COMP	5	1:33	02:29:53.6	+74:01:51	300	90	3.0	#68 2MASS Reds	4	
0144.2M023142.7p640819	660	1:33	02:31:42.7	+64:08:19	300	90	3.0	#68 2MASS Reds	4	
0145.COMP	5	1:33	02:31:42.7	+64:08:19	300	90	3.0	#68 2MASS Reds	4	
0146.2M023142.7p640819	660	1:33	02:31:42.7	+64:08:19	300	90	3.0	#68 2MASS Reds	4	
0147.COMP	5	1:33	02:31:42.7	+64:08:19	300	90	3.0	#68 2MASS Reds	4	
0148.2M032705.3p465759	480	1:33	03:27:05.3	+46:57:59	300	90	3.0	#68 2MASS Reds	4	
0149.COMP	5	1:33	03:27:05.3	+46:57:59	300	90	3.0	#68 2MASS Reds	4	
0150.2M032830.8p380119	420	1:33	03:28:30.8	+38:01:19	300	90	3.0	#68 2MASS Reds	4	
0151.COMP	5	1:33	03:28:30.8	+38:01:19	300	90	3.0	#68 2MASS Reds	4	
0152.2M032821.4p431041	300	1:33	03:28:21.4	+43:10:41	300	90	3.0	#68 2MASS Reds	4	
0153.COMP	5	1:33	03:28:21.4	+43:10:41	300	90	3.0	#68 2MASS Reds	4	
0154.2M032755.3p395949	360	1:33	03:27:55.3	+39:59:49	300	90	3.0	#68 2MASS Reds	4	
0155.COMP	5	1:33	03:27:55.3	+39:59:49	300	90	3.0	#68 2MASS Reds	4	
0156.2M032911.5p430744	420	1:33	03:29:11.5	+43:07:44	300	90	3.0	#68 2MASS Reds	4	
0157.COMP	5	1:33	03:29:11.5	+43:07:44	300	90	3.0	#68 2MASS Reds	4	
0158.2M033000.4p390334	480	1:33	03:30:00.4	+39:03:34	300	90	3.0	#68 2MASS Reds	4	
0159.COMP	5	1:33	03:30:00.4	+39:03:34	300	90	3.0	#68 2MASS Reds	4	
0160.2M033229.5p424046	420	1:33	03:32:29.5	+42:40:46	300	90	3.0	#68 2MASS Reds	4	
0161.COMP	5	1:33	03:32:29.5	+42:40:46	300	90	3.0	#68 2MASS Reds	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0162.2M033114.0p424732	360	1:33	03:31:14.0	+42:47:32	300	90	3.0	#68 2MASS Reds	4	
0163.COMP	5	1:33	03:31:14.0	+42:47:32	300	90	3.0	#68 2MASS Reds	4	
0164.2M033816.9p375117	270	1:33	03:38:16.9	+37:51:17	300	90	3.0	#68 2MASS Reds	4	
0165.COMP	5	1:33	03:38:16.9	+37:51:17	300	90	3.0	#68 2MASS Reds	4	
0166.2M033816.9p375117	360	1:33	03:38:16.9	+37:51:17	300	90	3.0	#68 2MASS Reds	4	
0167.COMP	5	1:33	03:38:16.9	+37:51:17	300	90	3.0	#68 2MASS Reds	4	
0168.2M034807.5p421248	330	1:33	03:48:07.5	+42:12:48	300	90	3.0	#68 2MASS Reds	4	
0169.COMP	5	1:33	03:48:07.5	+42:12:48	300	90	3.0	#68 2MASS Reds	4	
0170.Akn120	180	1:33	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	4	
0171.COMP	5	1:33	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	4	
0172-0181.FLAT	8	12:39	06:36:37.0	31:30:33	300	90	3.0	#68 2MASS Reds	4	
0182-0191.BIAS	0	12:41	06:38:24.0	31:30:33	300	90	3.0	#68 2MASS Reds	4	
0192-0201.FLAT	15	12:46	06:43:33.0	31:30:34	300	90	3.0	#68 2MASS Reds	2	
0202-0210.BIAS	0	12:49	06:46:27.0	31:30:34	300	90	3.0	#68 2MASS Reds	2	
0211.BIAS	0	12:49	06:46:44.0	31:30:35	300	90	3.0	#68 2MASS Reds	2	
0212.DARK	600	12:49	07:02:39.0	31:30:37	300	90	3.0	#68 2MASS Reds	2	
0213.DARK	600	12:49	07:12:55.0	31:30:38	300	90	3.0	#68 2MASS Reds	2	
0214.DARK	600	12:49	07:23:11.0	31:30:39	300	90	3.0	#68 2MASS Reds	2	
0215.DARK	600	12:49	07:33:23.0	31:30:40	300	90	3.0	#68 2MASS Reds	2	
0216.DARK	600	12:49	07:43:39.0	31:30:41	300	90	3.0	#68 2MASS Reds	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	0:58	19:12:07.0	31:30:01	300	90	3.0	#68 2MASS Reds	4	
0002.DARK	900	0:58	19:27:14.0	31:29:59	300	90	3.0	#68 2MASS Reds	4	
0003.DARK	900	0:58	19:42:26.0	31:29:57	300	90	3.0	#68 2MASS Reds	4	
0004-0013.BIAS	0	1:46	19:45:11.0	31:29:57	300	90	3.0	#68 2MASS Reds	4	
0014.FLAT	900	1:46	19:52:24.0	31:29:56	300	90	3.0	#68 2MASS Reds	4	
0015-0024.FLAT	8	1:57	19:56:15.0	31:29:56	300	90	3.0	#68 2MASS Reds	4	
0025.BDp284211	60	1:57	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0026.COMP	5	1:57	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0027.Akn564	200	1:57	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0028.COMP	79	1:57	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0029.2M180327.5m001742	450	1:57	18:03:27.5	-00:17:42	300	90	3.0	#68 2MASS Reds	4	col 43
0030.COMP	5	1:57	18:03:27.5	-00:17:42	300	90	3.0	#68 2MASS Reds	4	
0031.2M165158.0m023840	600	1:57	16:51:59.0	-02:38:40	300	90	3.0	#68 2MASS Reds	4	
0032.COMP	5	1:57	16:51:59.0	-02:38:40	300	90	3.0	#68 2MASS Reds	4	
0033.2M170217.9p104054	420	1:57	17:02:17.9	+10:40:54	300	90	3.0	#68 2MASS Reds	4	
0034.COMP	5	1:57	17:02:17.9	+10:40:54	300	90	3.0	#68 2MASS Reds	4	
0035.2M170217.9p104054	600	1:57	17:02:17.9	+10:40:54	300	90	3.0	#68 2MASS Reds	4	clouds
0036.COMP	5	1:57	17:02:17.9	+10:40:54	300	90	3.0	#68 2MASS Reds	4	
0037.2M202130.3p594413	720	1:57	20:21:30.3	+59:44:13	300	90	3.0	#68 2MASS Reds	4	clouds
0038.COMP	5	1:57	20:21:30.3	+59:44:13	300	90	3.0	#68 2MASS Reds	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0039.2M204608.5p691719	600	1:57	20:46:08.5	+69:17:19	300	90	3.0	#68 2MASS Reds	4	clouds
0040.COMP	5	1:57	20:46:08.5	+69:17:19	300	90	3.0	#68 2MASS Reds	4	
0041.2M212301.0p681142	600	1:57	21:23:02.0	+68:11:42	300	90	3.0	#68 2MASS Reds	4	clouds
0042.COMP	5	1:57	21:23:02.0	+68:11:42	300	90	3.0	#68 2MASS Reds	4	
0043.2M212558.9p671011	720	1:57	21:25:58.9	+67:10:11	300	90	3.0	#68 2MASS Reds	4	clouds
0044.COMP	5	1:57	21:25:58.9	+67:10:11	300	90	3.0	#68 2MASS Reds	4	
0045.2M212558.9p671011	720	1:57	21:25:58.9	+67:10:11	300	90	3.0	#68 2MASS Reds	4	clouds
0046.COMP	5	1:57	21:25:58.9	+67:10:11	300	90	3.0	#68 2MASS Reds	4	
0047.2M212605.6p691241	720	1:57	21:26:05.6	+69:12:41	300	90	3.0	#68 2MASS Reds	4	clouds
0048.COMP	5	1:57	21:26:05.6	+69:12:41	300	90	3.0	#68 2MASS Reds	4	
0049.2M212605.6p691241	720	1:57	21:26:05.6	+69:12:41	300	90	3.0	#68 2MASS Reds	4	
0050.COMP	5	1:57	21:26:05.6	+69:12:41	300	90	3.0	#68 2MASS Reds	4	
0051.2M212605.6p691241	720	1:57	21:26:05.6	+69:12:41	300	90	3.0	#68 2MASS Reds	4	
0052.COMP	5	1:57	21:26:05.6	+69:12:41	300	90	3.0	#68 2MASS Reds	4	
0053.2M030840.6p425220	600	1:57	03:08:40.6	+42:52:20	300	90	3.0	#68 2MASS Reds	4	clouds
0054.COMP	5	1:57	03:08:40.6	+42:52:20	300	90	3.0	#68 2MASS Reds	4	
0055.2M030927.0p360122	300	1:57	03:09:27.0	+36:01:22	300	90	3.0	#68 2MASS Reds	4	
0056.COMP	5	1:57	03:09:27.0	+36:01:22	300	90	3.0	#68 2MASS Reds	4	
0057.2M030927.0p360122	600	1:57	03:09:27.0	+36:01:22	300	90	3.0	#68 2MASS Reds	4	
0058.COMP	5	1:57	03:09:27.0	+36:01:22	300	90	3.0	#68 2MASS Reds	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0059.2M030957.4p420703	480	1:57	03:09:57.4	+42:07:03	300	90	3.0	#68 2MASS Reds	4	
0060.COMP	5	1:57	03:09:57.4	+42:07:03	300	90	3.0	#68 2MASS Reds	4	
0061.2M031005.3p421046	400	1:57	03:10:05.3	+42:10:46	300	90	3.0	#68 2MASS Reds	4	clouds
0062.COMP	5	1:57	03:10:05.3	+42:10:46	300	90	3.0	#68 2MASS Reds	4	
0063.2M031008.4p424948	420	1:57	03:10:08.4	+42:49:48	300	90	3.0	#68 2MASS Reds	4	clouds
0064.COMP	5	1:57	03:10:08.4	+42:49:48	300	90	3.0	#68 2MASS Reds	4	
0065.2M031117.5p472030	420	1:57	03:11:17.5	+47:20:30	300	90	3.0	#68 2MASS Reds	4	
0066.COMP	5	1:57	03:11:17.5	+47:20:30	300	90	3.0	#68 2MASS Reds	4	
0067.2M031127.5p345831	360	1:57	03:11:27.5	+34:58:31	300	90	3.0	#68 2MASS Reds	4	
0068.COMP	5	1:57	03:11:27.5	+34:58:31	300	90	3.0	#68 2MASS Reds	4	
0069.2M031346.4p415746	420	1:57	03:13:46.4	+41:57:46	300	90	3.0	#68 2MASS Reds	4	
0070.COMP	5	1:57	03:13:46.4	+41:57:46	300	90	3.0	#68 2MASS Reds	4	
0071.2M031636.1p445816	600	1:57	03:16:36.1	+44:58:16	300	90	3.0	#68 2MASS Reds	4	clouds
0072.COMP	5	1:57	03:16:36.1	+44:58:16	300	90	3.0	#68 2MASS Reds	4	
0073.2M032109.2p665518	600	1:57	03:21:09.2	+66:55:18	300	90	3.0	#68 2MASS Reds	4	
0074.COMP	5	1:57	03:21:09.2	+66:55:18	300	90	3.0	#68 2MASS Reds	4	
0075.2M032109.2p665518	600	1:57	03:21:09.2	+66:55:18	300	90	3.0	#68 2MASS Reds	4	
0076.COMP	5	1:57	03:21:09.2	+66:55:18	300	90	3.0	#68 2MASS Reds	4	
0077.2M032221.3p400035	480	1:57	03:22:21.3	+40:00:35	300	90	3.0	#68 2MASS Reds	4	
0078.COMP	5	1:57	03:22:21.3	+40:00:35	300	90	3.0	#68 2MASS Reds	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0079.2M032231.4p404900	300	1:57	03:22:31.4	+40:49:00	300	90	3.0	#68 2MASS Reds	4	
0080.COMP	5	1:57	03:22:31.4	+40:49:00	300	90	3.0	#68 2MASS Reds	4	
0081.2M032323.5p443431	540	1:57	03:23:23.5	+44:34:31	300	90	3.0	#68 2MASS Reds	4	
0082.COMP	5	1:57	03:23:23.5	+44:34:31	300	90	3.0	#68 2MASS Reds	4	
0083.2M032353.4p412350	660	1:57	03:23:53.4	+41:23:50	300	90	3.0	#68 2MASS Reds	4	
0084.COMP	5	1:57	03:23:53.4	+41:23:50	300	90	3.0	#68 2MASS Reds	4	
0085.2M043711.3m015109	720	1:57	04:37:11.3	-01:51:09	300	90	3.0	#68 2MASS Reds	4	
0086.COMP	5	1:57	04:37:11.3	-01:51:09	300	90	3.0	#68 2MASS Reds	4	superp *
0087.2M043823.9m094603	480	1:57	04:38:23.9	-09:46:03	300	90	3.0	#68 2MASS Reds	4	
0088.COMP	5	1:57	04:38:23.9	-09:46:03	300	90	3.0	#68 2MASS Reds	4	
0089.2M043829.3p090516	600	1:57	04:38:29.3	+09:05:16	300	90	3.0	#68 2MASS Reds	4	
0090.COMP	5	1:57	04:38:29.3	+09:05:16	300	90	3.0	#68 2MASS Reds	4	
0091.2M043829.3p090516	500	1:57	04:38:29.3	+09:05:16	300	90	3.0	#68 2MASS Reds	4	
0092.COMP	5	1:57	04:38:29.3	+09:05:16	300	90	3.0	#68 2MASS Reds	4	
0093.2M055623.9p460617	60	1:57	05:56:23.9	+46:06:17	300	90	3.0	#68 2MASS Reds	4	
0094.2M055623.9p460617	10	1:57	05:56:23.9	+46:06:17	300	90	3.0	#68 2MASS Reds	4	
0095.COMP	5	1:57	05:56:23.9	+46:06:17	300	90	3.0	#68 2MASS Reds	4	
0096-0105.BIAS	0	12:30	05:56:23.9	+46:06:17	300	90	3.0	#68 2MASS Reds	4	
0106-0116.FLAT	8	12:34	05:56:23.9	+46:06:17	300	90	3.0	#68 2MASS Reds	4	
0117-0120.DARK	600	13:07	05:56:23.9	+46:06:17	300	90	3.0	#68 2MASS Reds	4	

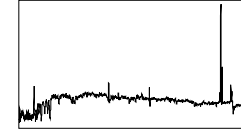
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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	0:46	19:03:56.0	31:30:02	300	90	3.0	#68 2MASS Reds	4	
0002.BIAS	0	0:46	19:09:54.0	31:30:01	300	90	3.0	#68 2MASS Reds	4	hi Susan!
0003-0020.BIAS	0	1:09	19:12:29.0	31:30:01	300	90	3.0	#68 2MASS Reds	4	
0021.FLAT	8	1:09	19:12:55.0	31:30:01	300	90	3.0	#68 2MASS Reds	4	v. windy
0022-0030.FLAT	8	1:12	19:15:18.0	31:30:01	300	90	3.0	#68 2MASS Reds	4	
0031.BIAS	0	1:12	19:15:49.0	31:30:01	300	90	3.0	#68 2MASS Reds	2	thin clouds
0032-0036.BIAS	0	1:14	19:16:58.0	31:30:01	300	90	3.0	#68 2MASS Reds	2	
0037-0040.BIAS	0	1:15	19:17:51.0	31:30:00	300	90	3.0	#68 2MASS Reds	2	
0041-0050.FLAT	16	1:20	19:23:04.0	31:30:00	300	90	3.0	#68 2MASS Reds	2	
0051.HD192281	5	1:20	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0052.HD192281	6	1:20	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0053.HD192281	6	1:20	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0054.COMP	5	1:20	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0055.N7331	150	1:20	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	1:20	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0057.id1800	720	1:20	20:06:02.4	35:39:36	300	90	3.0	#115 PMS NGC68	4	
0058.COMP	5	1:20	20:06:02.4	35:39:36	300	90	3.0	#115 PMS NGC68	4	
0059.id1758	720	1:20	20:06:07.4	35:35:23	300	90	3.0	#115 PMS NGC68	4	
0060.COMP	5	1:20	20:06:07.4	35:35:23	300	90	3.0	#115 PMS NGC68	4	
0061.id1529	720	1:20	20:06:36.9	35:40:44	300	90	3.0	#115 PMS NGC68	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0062.COMP	5	1:20	20:06:36.9	35:40:44	300	90	3.0	#115 PMS NGC68	4	
0063.id1973	900	1:20	20:05:45.6	35:36:43	300	90	3.0	#115 PMS NGC68	4	weak; redo
0064.COMP	5	1:20	20:05:45.6	35:36:43	300	90	3.0	#115 PMS NGC68	4	
0065.id2316	900	1:20	20:04:54.0	35:47:09	300	90	3.0	#115 PMS NGC68	4	poor seeing
0066.COMP	5	1:20	20:04:54.0	35:47:09	300	90	3.0	#115 PMS NGC68	4	
0067.id1692	900	1:20	20:06:15.1	35:42:47	300	90	3.0	#115 PMS NGC68	4	
0068.COMP	5	1:20	20:06:15.1	35:42:47	300	90	3.0	#115 PMS NGC68	4	
0069.id2147	900	1:20	20:05:20.6	35:56:17	300	90	3.0	#115 PMS NGC68	4	wind too strong here in the NW
0070.COMP	5	1:20	20:05:20.6	35:56:17	300	90	3.0	#115 PMS NGC68	4	
0071.BDp284211	120	1:20	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0072.BDp284211	120	1:20	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0073.COMP	10	1:20	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0074.ch2348p01a	1200	1:20	23:48:17.9	01:06:17	300	90	3.0	#129 CHAMP Sou	4	
0075.COMP	5	1:20	23:48:17.9	01:06:17	300	90	3.0	#129 CHAMP Sou	4	
0076.ch2348p01b	360	1:20	23:48:20.5	01:04:07	300	90	3.0	#129 CHAMP Sou	4	with comp file 75
0077.ch2302p08a	1200	1:20	23:02:40.9	08:38:57	300	90	3.0	#129 CHAMP Sou	4	long cosmic ray path across ccd
0078.COMP	5	1:20	23:02:40.9	08:38:57	300	90	3.0	#129 CHAMP Sou	4	
0079.ch2302p08b	900	1:20	23:02:46.7	08:48:18	300	90	3.0	#129 CHAMP Sou	4	
0080.COMP	5	1:20	23:02:46.7	08:48:18	300	90	3.0	#129 CHAMP Sou	4	
0081.N7469	150	1:20	23:03:15.7	+08:52:27	300	10	3.0	#6 AGN Monitor	4	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0082.N7469	150	1:20	23:03:15.7	+08:52:27	300	10	3.0	#6 AGN Monitor	4	
0083.COMP	5	1:20	23:03:15.7	+08:52:27	300	10	3.0	#6 AGN Monitor	4	
0084.Feige110	150	1:20	23:17:23.5	-05:26:22	300	4	3.0	#56 Spectropho	4	
0085.COMP	5	1:20	23:17:23.5	-05:26:22	300	4	3.0	#56 Spectropho	4	
0086.Akn564	240	1:20	22:42:39.4	+29:43:31	300	77	3.0	#6 AGN Monitor	4	
0087.Akn564	240	1:20	22:42:39.4	+29:43:31	300	77	3.0	#6 AGN Monitor	4	
0088.COMP	5	1:20	22:42:39.4	+29:43:31	300	77	3.0	#6 AGN Monitor	4	
0089.MRK335	120	1:20	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	4	
0090.MRK335	120	1:20	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	4	
0091.COMP	5	1:20	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	4	
0092.ZAnd	1	1:20	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0093.ZAnd	3	1:20	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0094.ZAnd	7	1:20	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0095.ZAnd	15	1:20	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0096.COMP	5	1:20	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0097.a168_072	330	1:20	01:15:30.4	0:13:21	300	90	3.0	#64 Cluster In	4	
0098.COMP	5	1:20	01:15:30.4	0:13:21	300	90	3.0	#64 Cluster In	4	
0099.a168_070	1200	1:20	01:20:42.2	1:21:32	300	90	3.0	#64 Cluster In	4	
0100.COMP	5	1:20	01:20:42.2	1:21:32	300	90	3.0	#64 Cluster In	4	
0101.a168_079	300	1:20	01:08:50.9	1:56:41	300	90	3.0	#64 Cluster In	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0102.COMP	5	1:20	01:08:50.9	1:56:41	300	90	3.0	#64 Cluster In	4	
0103.a168_081	360	1:20	01:18:52.9	-0:39:35	300	90	3.0	#64 Cluster In	4	
0104.COMP	5	1:20	01:18:52.9	-0:39:35	300	90	3.0	#64 Cluster In	4	
0105.a168_083	360	1:20	01:09:18.7	2:11:50	300	90	3.0	#64 Cluster In	4	
0106.COMP	5	1:20	01:09:18.7	2:11:50	300	90	3.0	#64 Cluster In	4	
0107.a168_086	1200	1:20	01:13:25.1	2:37:54	300	90	3.0	#64 Cluster In	4	
0108.COMP	5	1:20	01:13:25.1	2:37:54	300	90	3.0	#64 Cluster In	4	
0109.a168_087	1200	1:20	01:16:53.6	0:09:10	300	90	3.0	#64 Cluster In	4	
0110.COMP	5	1:20	01:16:53.6	0:09:10	300	90	3.0	#64 Cluster In	4	
0111.a168_090	480	1:20	01:11:22.2	2:20:29	300	90	3.0	#64 Cluster In	4	
0112.COMP	5	1:20	01:11:22.2	2:20:29	300	90	3.0	#64 Cluster In	4	
0113.sn2001eh	1320	1:20	01:38:12.1	41:39:18	300	0	3.0	#2 SN Observat	2	
0114.COMP	10	1:20	01:38:12.1	41:39:18	300	0	3.0	#2 SN Observat	2	
0115.sn2001es	1200	1:20	2:2:8	19:05:27	300	0	3.0	#2 SN Observat	2	
0116.COMP	10	1:20	2:2:8	19:05:27	300	0	3.0	#2 SN Observat	2	
0117.a168_092	420	1:20	01:14:27.8	1:41:41	300	0	3.0	#64 Cluster In	4	
0118.COMP	5	1:20	01:14:27.8	1:41:41	300	0	3.0	#64 Cluster In	4	
0119.a168_093	300	1:20	01:18:54.4	-0:40:59	300	0	3.0	#64 Cluster In	4	seeing better
0120.COMP	5	1:20	01:18:54.4	-0:40:59	300	0	3.0	#64 Cluster In	4	
0121.a168_095	480	1:20	01:19:06.2	0:57:56	300	90	3.0	#64 Cluster In	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0122.COMP	5	1:20	01:19:06.2	0:57:56	300	90	3.0	#64 Cluster In	4	
0123.a168_097	420	1:20	01:19:45.7	1:37:13	300	90	3.0	#64 Cluster In	4	
0124.COMP	5	1:20	01:19:45.7	1:37:13	300	90	3.0	#64 Cluster In	4	
0125.a168_099	360	1:20	01:15:02.7	1:25:48	300	90	3.0	#64 Cluster In	4	
0126.COMP	5	1:20	01:15:02.7	1:25:48	300	90	3.0	#64 Cluster In	4	
0127.a168_100	420	1:20	01:22:40.2	0:43:15	300	90	3.0	#64 Cluster In	4	
0128.COMP	5	1:20	01:22:40.2	0:43:15	300	90	3.0	#64 Cluster In	4	
0129.a496_513	420	1:20	04:39:52.2	-14:35:28	300	90	3.0	#64 Cluster In	4	
0130.COMP	5	1:20	04:39:52.2	-14:35:28	300	90	3.0	#64 Cluster In	4	
0131.a496_514	420	1:20	04:42:25.2	-13:08:31	300	90	3.0	#64 Cluster In	4	
0132.COMP	5	1:20	04:42:25.2	-13:08:31	300	90	3.0	#64 Cluster In	4	
0133.a496_516	420	1:20	04:31:47.5	-12:26:32	300	90	3.0	#64 Cluster In	4	
0134.COMP	5	1:20	04:31:47.5	-12:26:32	300	90	3.0	#64 Cluster In	4	
0135.a496_519	420	1:20	04:41:38.1	-15:25:00	300	90	3.0	#64 Cluster In	4	
0136.COMP	5	1:20	04:41:38.1	-15:25:00	300	90	3.0	#64 Cluster In	4	
0137.a496_520	420	1:20	04:41:02.8	-11:48:56	300	90	3.0	#64 Cluster In	4	sup *; gal has em
0138.COMP	5	1:20	04:41:02.8	-11:48:56	300	90	3.0	#64 Cluster In	4	
0139.a496_523	420	1:20	04:20:55.9	-12:40:30	300	90	3.0	#64 Cluster In	4	
0140.COMP	5	1:20	04:20:55.9	-12:40:30	300	90	3.0	#64 Cluster In	4	
0141.a496_526	420	1:20	04:24:29.4	-10:34:40	300	90	3.0	#64 Cluster In	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0142.COMP	5	1:20	04:24:29.4	-10:34:40	300	90	3.0	#64 Cluster In	4	wind picking up again
0143.a496_528	420	1:20	04:26:13.7	-10:33:24	300	90	3.0	#64 Cluster In	4	
0144.COMP	5	1:20	04:26:13.7	-10:33:24	300	90	3.0	#64 Cluster In	4	
0145.a496_531	900	1:20	04:24:46.9	-13:59:57	300	90	3.0	#64 Cluster In	4	
0146.COMP	5	1:20	04:24:46.9	-13:59:57	300	90	3.0	#64 Cluster In	4	
0147.a496_532	600	1:20	04:26:15.3	-12:39:52	300	90	3.0	#64 Cluster In	4	
0148.COMP	5	1:20	04:26:15.3	-12:39:52	300	90	3.0	#64 Cluster In	4	
0149.a496_533	900	1:20	04:25:44.4	-11:09:27	300	90	3.0	#64 Cluster In	4	
0150.COMP	5	1:20	04:25:44.4	-11:09:27	300	90	3.0	#64 Cluster In	4	
0151.a496_534	900	1:20	04:38:11.0	-10:47:47	300	90	3.0	#64 Cluster In	4	
0152.COMP	5	1:20	04:38:11.0	-10:47:47	300	90	3.0	#64 Cluster In	4	
0153.Akn120	180	1:20	05:13:38.0	-00:12:15	300	5	3.0	#6 AGN Monitor	4	
0154.COMP	5	1:20	05:13:38.0	-00:12:15	300	5	3.0	#6 AGN Monitor	4	
0155.BGGem	1200	1:20	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0156.BGGem	300	1:20	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0157.COMP	10	1:20	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0158.sn2001eo	1200	1:20	07:41:31.1	+51:41:05	300	90	3.0	#2 SN Observat	2	
0159.COMP	10	1:20	07:41:31.1	+51:41:05	300	90	3.0	#2 SN Observat	2	
0160.10vso-24900	420	1:20	05:07:09.3	-00:42:57	300	90	3.0	#112 Orion PMS	4	
0161.COMP	5	1:20	05:07:09.3	-00:42:57	300	90	3.0	#112 Orion PMS	4	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bir</i>	<i>Comments</i>
0162.Hiltner600	60	1:20	06:42:37.2	02:11:25	300	-5	3.0	#56 Spectropho	2	
0163.Hiltner600	60	1:20	06:42:37.2	02:11:25	300	-5	3.0	#56 Spectropho	2	
0164.COMP	10	1:20	06:42:37.2	02:11:25	300	-5	3.0	#56 Spectropho	2	windy and hazy @ dawn
0165-0174.BIAS	0	12:47	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0175-0184.FLAT	8	12:50	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0185-0194.BIAS	0	12:52	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0195-0204.FLAT	16	12:57	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0205-0214.DARK	900	15:16	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0006.DARK	1200	0:16	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0007.BIAS	0	0:16	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	clear skies!
0008-0020.BIAS	0	1:03	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0021-0030.FLAT	8	1:05	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0031-0040.BIAS	0	1:08	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0041-0050.FLAT	16	1:12	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0051-0055.sky	12	1:18	19:23:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	1:18	19:23:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.HD192281	6	1:18	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0058.HD192281	6	1:18	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0059.HD192281	6	1:18	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0060.COMP	5	1:18	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0061.id1973	720	1:18	20:05:45.6	35:36:43	300	90	3.0	#115 PMS NGC68	4	redo from yesterday
0062.COMP	5	1:18	20:05:45.6	35:36:43	300	90	3.0	#115 PMS NGC68	4	
0063.id2694	900	1:18	19:59:42.4	35:23:10	300	90	3.0	#115 PMS NGC68	4	
0064.COMP	5	1:18	19:59:42.4	35:23:10	300	90	3.0	#115 PMS NGC68	4	
0065.sn2001et	1200	1:18	20:19:35.0	-18:09:49	300	7	3.0	#2 SN Observat	2	
0066.COMP	10	1:18	20:19:35.0	-18:09:49	300	7	3.0	#2 SN Observat	2	
0067.MRK509	180	1:18	20:44:09.8	-10:43:24	300	7	3.0	#6 AGN Monitor	4	
0068.MRK509	180	1:18	20:44:09.8	-10:43:24	300	7	3.0	#6 AGN Monitor	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0069.COMP	5	1:18	20:44:09.8	-10:43:24	300	7	3.0	#6 AGN Monitor	4	
0070.id2631	900	1:18	20:00:02.7	35:18:56	300	90	3.0	#115 PMS NGC68	4	
0071.COMP	5	1:18	20:00:02.7	35:18:56	300	90	3.0	#115 PMS NGC68	4	
0072.id2509	900	1:18	20:04:15.3	35:42:30	300	90	3.0	#115 PMS NGC68	4	
0073.COMP	5	1:18	20:04:15.3	35:42:30	300	90	3.0	#115 PMS NGC68	4	
0074.id2407	900	1:18	20:04:34.4	35:49:32	300	90	3.0	#115 PMS NGC68	4	
0075.COMP	5	1:18	20:04:34.4	35:49:32	300	90	3.0	#115 PMS NGC68	4	
0076.id1414	900	1:18	20:06:53.3	35:55:55	300	90	3.0	#115 PMS NGC68	4	
0077.COMP	5	1:18	20:06:53.3	35:55:55	300	90	3.0	#115 PMS NGC68	4	
0078.id1093	900	1:18	20:07:25.3	35:36:33	300	90	3.0	#115 PMS NGC68	4	
0079.COMP	5	1:18	20:07:25.3	35:36:33	300	90	3.0	#115 PMS NGC68	4	
0080.id1036	900	1:18	20:07:31.3	35:39:28	300	90	3.0	#115 PMS NGC68	4	wind picking up
0081.COMP	5	1:18	20:07:31.3	35:39:28	300	90	3.0	#115 PMS NGC68	4	
0082.id1467	900	1:18	20:06:45.7	35:47:40	300	90	3.0	#115 PMS NGC68	4	
0083.COMP	5	1:18	20:06:45.7	35:47:40	300	90	3.0	#115 PMS NGC68	4	
0084.id1061	900	1:18	20:07:28.9	35:48:02	300	90	3.0	#115 PMS NGC68	4	
0085.COMP	5	1:18	20:07:28.9	35:48:02	300	90	3.0	#115 PMS NGC68	4	
0086.BDp284211	45	1:18	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0087.BDp284211	45	1:18	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0088.COMP	10	1:18	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0089.ch2302p08c	1200	1:18	23:02:41.2	08:41:17	300	90	3.0	#129 CHAMP Sou	4	
0090.COMP	5	1:18	23:02:41.2	08:41:17	300	90	3.0	#129 CHAMP Sou	4	
0091.ch2302p08c	1200	1:18	23:02:41.2	08:41:17	300	90	3.0	#129 CHAMP Sou	4	continued
0092.COMP	5	1:18	23:02:41.2	08:41:17	300	90	3.0	#129 CHAMP Sou	4	
0093.ch2303p08d	1200	1:18	23:03:20.4	08:46:12	300	90	3.0	#129 CHAMP Sou	4	
0094.COMP	5	1:18	23:03:20.4	08:46:12	300	90	3.0	#129 CHAMP Sou	4	
0095.ch2348p01c	1200	1:18	23:48:21.9	01:01:53	300	0	3.0	#129 CHAMP Sou	2	close pair of faint gals
0096.COMP	10	1:18	23:48:21.9	01:01:53	300	0	3.0	#129 CHAMP Sou	2	
0097.ch2348p01c	1200	1:18	23:48:21.9	01:01:53	300	0	3.0	#129 CHAMP Sou	2	continued
0098.COMP	10	1:18	23:48:21.9	01:01:53	300	0	3.0	#129 CHAMP Sou	2	
0099.ch2348p01c	1200	1:18	23:48:21.9	01:01:53	300	0	3.0	#129 CHAMP Sou	2	hmm
0100.COMP	10	1:18	23:48:21.9	01:01:53	300	0	3.0	#129 CHAMP Sou	2	
0101.sn2001eh	1200	1:18	01:38:12.1	41:39:18	300	-6	3.0	#2 SN Observat	2	
0102.COMP	10	1:18	01:38:12.1	41:39:18	300	-6	3.0	#2 SN Observat	2	
0103.sn2001en	60	1:18	01:25:22.9	+34:01:30	300	-6	3.0	#2 SN Observat	2	wow; nice bright Ia
0104.sn2001en	900	1:18	01:25:22.9	+34:01:30	300	-6	3.0	#2 SN Observat	2	
0105.COMP	10	1:18	01:25:22.9	+34:01:30	300	-6	3.0	#2 SN Observat	2	
0106.ZAnd	1	1:18	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0107.ZAnd	3	1:18	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0108.ZAnd	5	1:18	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	

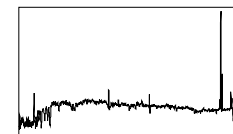


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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0109.ZAnd	10	1:18	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0110.COMP	5	1:18	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0111.IRAS_2359p2313	720	1:18	00:01:38.3	+23:29:01	300	90	3.0	#124 COLA	2	
0112.COMP	10	1:18	00:01:38.3	+23:29:01	300	90	3.0	#124 COLA	2	
0113.UGC12915	720	1:18	00:01:41.9	+23:29:44	300	90	3.0	#124 COLA	2	
0114.COMP	10	1:18	00:01:41.9	+23:29:44	300	90	3.0	#124 COLA	2	
0115.IRAS_0000p2142	900	1:18	00:03:08.9	+21:57:34	300	90	3.0	#124 COLA	2	
0116.COMP	10	1:18	00:03:08.9	+21:57:34	300	90	3.0	#124 COLA	2	
0117.IC_1743	900	1:18	01:52:59.6	+12:42:28	300	90	3.0	#124 COLA	2	
0118.COMP	10	1:18	01:52:59.6	+12:42:28	300	90	3.0	#124 COLA	2	
0119.a496_538	600	1:18	04:33:57.7	-10:45:49	300	90	3.0	#64 Cluster In	4	
0120.COMP	5	1:18	04:33:57.7	-10:45:49	300	90	3.0	#64 Cluster In	4	
0121.a496_539	1200	1:18	04:29:54.5	-11:17:22	300	90	3.0	#64 Cluster In	4	
0122.COMP	5	1:18	04:29:54.5	-11:17:22	300	90	3.0	#64 Cluster In	4	
0123.a496_544	420	1:18	04:38:22.4	-11:07:17	300	90	3.0	#64 Cluster In	4	
0124.COMP	5	1:18	04:38:22.4	-11:07:17	300	90	3.0	#64 Cluster In	4	
0125.a496_545	900	1:18	04:41:28.0	-13:57:21	300	90	3.0	#64 Cluster In	4	
0126.COMP	5	1:18	04:41:28.0	-13:57:21	300	90	3.0	#64 Cluster In	4	
0127.a496_550	900	1:18	04:24:26.9	-14:03:05	300	90	3.0	#64 Cluster In	4	
0128.COMP	5	1:18	04:24:26.9	-14:03:05	300	90	3.0	#64 Cluster In	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0129.HZ14	300	1:18	04:38:15.6	10:53:57	300	0	3.0	#56 Spectropho	2	
0130.COMP	10	1:18	04:38:15.6	10:53:57	300	0	3.0	#56 Spectropho	2	
0131.sn2001ep	1200	1:18	04:57:00.2	-04:45:40	300	0	3.0	#2 SN Observat	2	another bright Ia!
0132.COMP	10	1:18	04:57:00.2	-04:45:40	300	0	3.0	#2 SN Observat	2	
0133.a496_554	720	1:18	04:43:22.6	-15:33:15	300	90	3.0	#64 Cluster In	4	
0134.COMP	5	1:18	04:43:22.6	-15:33:15	300	90	3.0	#64 Cluster In	4	
0135.a496_564	900	1:18	04:28:05.6	-11:00:50	300	90	3.0	#64 Cluster In	4	
0136.COMP	5	1:18	04:28:05.6	-11:00:50	300	90	3.0	#64 Cluster In	4	
0137.a496_567	660	1:18	04:30:38.8	-15:55:51	300	90	3.0	#64 Cluster In	4	
0138.COMP	5	1:18	04:30:38.8	-15:55:51	300	90	3.0	#64 Cluster In	4	
0139.a496_572	660	1:18	04:45:12.6	-15:06:36	300	90	3.0	#64 Cluster In	4	
0140.COMP	5	1:18	04:45:12.6	-15:06:36	300	90	3.0	#64 Cluster In	4	
0141.a496_573	480	1:18	04:31:13.2	-14:59:49	300	90	3.0	#64 Cluster In	4	
0142.COMP	5	1:18	04:31:13.2	-14:59:49	300	90	3.0	#64 Cluster In	4	
0143.BGGem	1200	1:18	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0144.BGGem	300	1:18	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0145.COMP	10	1:18	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0146.HD52971	5	1:18	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0147.HD52971	5	1:18	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0148.HD52971	3	1:18	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	

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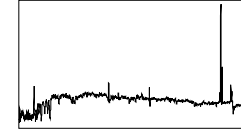
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0149.COMP	5	1:18	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0150.Hiltner600	60	1:18	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0151.Hiltner600	60	1:18	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0152.COMP	10	1:18	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0153.BIAS	0	1:18	06:42:37.2	02:11:25	300	0	3.0	#57 Velocity S	4	clear @ dawn!
0154-0162.BIAS	0	12:40	06:42:37.2	02:11:25	300	0	3.0	#57 Velocity S	4	
0163-0172.FLAT	8	12:42	06:42:37.2	02:11:25	300	0	3.0	#57 Velocity S	4	
0173-0182.BIAS	0	12:47	06:42:37.2	02:11:25	300	0	3.0	#57 Velocity S	2	
0183-0192.FLAT	16	12:55	06:42:37.2	02:11:25	300	0	3.0	#57 Velocity S	2	
0193-0202.DARK	900	15:27	06:42:37.2	02:11:25	300	0	3.0	#57 Velocity S	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.DARK	900	23:06	06:42:37.2	02:11:25	300	0	3.0	#57 Velocity S	4	
0011.BIAS	0	23:06	06:42:37.2	02:11:25	300	0	3.0	#57 Velocity S	4	thin cirrus all over
0012-0020.BIAS	0	0:53	06:42:37.2	02:11:25	300	0	3.0	#57 Velocity S	4	
0021-0030.FLAT	8	0:56	06:42:37.2	02:11:25	300	0	3.0	#57 Velocity S	4	
0031-0040.BIAS	0	0:59	06:42:37.2	02:11:25	300	0	3.0	#57 Velocity S	2	
0041-0050.FLAT	16	1:04	06:42:37.2	02:11:25	300	0	3.0	#57 Velocity S	2	
0051-0055.sky	3	1:08	19:20:00	32:00:00	300	0	3.0	#57 Velocity S	4	
0056.COMP	5	1:08	19:20:00	32:00:00	300	0	3.0	#57 Velocity S	4	
0057.HD192281	5	1:08	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0058.HD192281	5	1:08	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0059.HD192281	5	1:08	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0060.COMP	5	1:08	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0061.HIP106656	5	1:08	21:36:11.3	+44:25:37	300	90	3.0	#89 Ae/Be Star	4	
0062.HIP106656	6	1:08	21:36:11.3	+44:25:37	300	90	3.0	#89 Ae/Be Star	4	
0063.HIP106656	6	1:08	21:36:11.3	+44:25:37	300	90	3.0	#89 Ae/Be Star	4	
0064.COMP	5	1:08	21:36:11.3	+44:25:37	300	90	3.0	#89 Ae/Be Star	4	
0065.HIP108508	6	1:08	21:58:56.5	+47:59:00	300	90	3.0	#89 Ae/Be Star	4	
0066.HIP108508	8	1:08	21:58:56.5	+47:59:00	300	90	3.0	#89 Ae/Be Star	4	
0067.HIP108508	8	1:08	21:58:56.5	+47:59:00	300	90	3.0	#89 Ae/Be Star	4	
0068.COMP	5	1:08	21:58:56.5	+47:59:00	300	90	3.0	#89 Ae/Be Star	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0069.HIP108841	6	1:08	22:02:54.6	+39:33:45	300	90	3.0	#89 Ae/Be Star	4	
0070.HIP108841	6	1:08	22:02:54.6	+39:33:45	300	90	3.0	#89 Ae/Be Star	4	
0071.HIP108841	6	1:08	22:02:54.6	+39:33:45	300	90	3.0	#89 Ae/Be Star	4	
0072.COMP	5	1:08	22:02:54.6	+39:33:45	300	90	3.0	#89 Ae/Be Star	4	
0073.HIP108933	2	1:08	22:04:06.7	+44:20:42	300	90	3.0	#89 Ae/Be Star	4	
0074.HIP108933	2	1:08	22:04:06.7	+44:20:42	300	90	3.0	#89 Ae/Be Star	4	
0075.HIP108933	2	1:08	22:04:06.7	+44:20:42	300	90	3.0	#89 Ae/Be Star	4	
0076.COMP	5	1:08	22:04:06.7	+44:20:42	300	90	3.0	#89 Ae/Be Star	4	
0077.HIP109082	2	1:08	22:05:51.2	+48:13:53	300	90	3.0	#89 Ae/Be Star	4	
0078.HIP109082	2	1:08	22:05:51.2	+48:13:53	300	90	3.0	#89 Ae/Be Star	4	
0079.HIP109082	1	1:08	22:05:51.2	+48:13:53	300	90	3.0	#89 Ae/Be Star	4	
0080.COMP	5	1:08	22:05:51.2	+48:13:53	300	90	3.0	#89 Ae/Be Star	4	
0081.HIP110033	15	1:08	22:17:12.0	+40:58:04	300	90	3.0	#89 Ae/Be Star	4	
0082.HIP110033	15	1:08	22:17:12.0	+40:58:04	300	90	3.0	#89 Ae/Be Star	4	
0083.HIP110033	15	1:08	22:17:12.0	+40:58:04	300	90	3.0	#89 Ae/Be Star	4	
0084.COMP	5	1:08	22:17:12.0	+40:58:04	300	90	3.0	#89 Ae/Be Star	4	hi Susan!
0085.HIP110373	6	1:08	22:21:21.1	+41:47:48	300	90	3.0	#89 Ae/Be Star	4	
0086.HIP110373	6	1:08	22:21:21.1	+41:47:48	300	90	3.0	#89 Ae/Be Star	4	
0087.HIP110373	6	1:08	22:21:21.1	+41:47:48	300	90	3.0	#89 Ae/Be Star	4	
0088.COMP	5	1:08	22:21:21.1	+41:47:48	300	90	3.0	#89 Ae/Be Star	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0089.HIP110473	15	1:08	22:22:38.4	+47:37:56	300	90	3.0	#89 Ae/Be Star	4	
0090.HIP110473	15	1:08	22:22:38.4	+47:37:56	300	90	3.0	#89 Ae/Be Star	4	
0091.HIP110473	15	1:08	22:22:38.4	+47:37:56	300	90	3.0	#89 Ae/Be Star	4	
0092.COMP	5	1:08	22:22:38.4	+47:37:56	300	90	3.0	#89 Ae/Be Star	4	
0093.id2479	900	1:08	20:04:20.5	35:46:41	300	90	3.0	#115 PMS NGC68	2	we want the fainter star @ row 84
0094.COMP	10	1:08	20:04:20.5	35:46:41	300	90	3.0	#115 PMS NGC68	2	not the brighter star to the W @ row 74
0095.id1125	900	1:08	20:07:22.7	35:35:28	300	90	3.0	#115 PMS NGC68	4	
0096.COMP	5	1:08	20:07:22.7	35:35:28	300	90	3.0	#115 PMS NGC68	4	
0097.id2498	1200	1:08	20:04:17.2	35:47:42	300	90	3.0	#115 PMS NGC68	4	
0098.COMP	5	1:08	20:04:17.2	35:47:42	300	90	3.0	#115 PMS NGC68	4	
0099.id1379	1200	1:08	20:06:56.2	35:49:48	300	90	3.0	#115 PMS NGC68	4	finishes off the no. 15 notebook
0100.COMP	5	1:08	20:06:56.2	35:49:48	300	90	3.0	#115 PMS NGC68	4	
0101.NGC_6745	1200	1:08	19:01:41.2	+40:44:41	300	10	3.0	#124 COLA	2	the eagle
0102.COMP	10	1:08	19:01:41.2	+40:44:41	300	10	3.0	#124 COLA	2	slit through nuc. and blue clump tip
0103.IRAS_2202p4205	1200	1:08	22:04:36.2	+42:19:39	300	10	3.0	#124 COLA	2	
0104.COMP	10	1:08	22:04:36.2	+42:19:39	300	10	3.0	#124 COLA	2	
0105.BDp284211	45	1:08	21:48:57.1	28:37:48	300	10	3.0	#56 Spectropho	2	
0106.BDp284211	45	1:08	21:48:57.1	28:37:48	300	10	3.0	#56 Spectropho	2	
0107.COMP	10	1:08	21:48:57.1	28:37:48	300	10	3.0	#56 Spectropho	2	
0108.NGC_7253A	1200	1:08	22:19:28.6	+29:23:42	300	-60	3.0	#124 COLA	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0109.COMP	10	1:08	22:19:28.6	+29:23:42	300	-60	3.0	#124 COLA	2	
0110.NGC_7253B	1200	1:08	22:19:30.1	+29:23:16	300	60	3.0	#124 COLA	2	
0111.COMP	10	1:08	22:19:30.1	+29:23:16	300	60	3.0	#124 COLA	2	
0112.IRAS_2238p3400	1200	1:08	22:41:12.2	+34:14:53	300	60	3.0	#124 COLA	2	
0113.COMP	10	1:08	22:41:12.2	+34:14:53	300	60	3.0	#124 COLA	2	
0114.NGC_7469	600	1:08	23:03:16.1	+08:52:27	300	60	3.0	#124 COLA	2	
0115.COMP	10	1:08	23:03:16.1	+08:52:27	300	60	3.0	#124 COLA	2	
0116.NGC_7518	1200	1:08	23:13:12.8	+06:19:18	300	60	3.0	#124 COLA	2	
0117.COMP	10	1:08	23:13:12.8	+06:19:18	300	60	3.0	#124 COLA	2	
0118.NGC_7591	1200	1:08	23:18:16.2	+06:35:12	300	60	3.0	#124 COLA	2	
0119.COMP	10	1:08	23:18:16.2	+06:35:12	300	60	3.0	#124 COLA	2	
0120.NGC_7648	1200	1:08	23:23:54.1	+09:40:02	300	60	3.0	#124 COLA	2	
0121.COMP	10	1:08	23:23:54.1	+09:40:02	300	60	3.0	#124 COLA	2	
0122.NGC_7679	900	1:08	23:28:46.7	+03:30:42	300	60	3.0	#124 COLA	2	
0123.COMP	10	1:08	23:28:46.7	+03:30:42	300	60	3.0	#124 COLA	2	
0124.NGC_7738	1200	1:08	23:44:01.6	+00:30:58	300	30	3.0	#124 COLA	2	
0125.COMP	10	1:08	23:44:01.6	+00:30:58	300	30	3.0	#124 COLA	2	
0126.sn2001en	900	1:08	01:25:22.9	+34:01:30	300	0	3.0	#2 SN Observat	2	
0127.COMP	10	1:08	01:25:22.9	+34:01:30	300	0	3.0	#2 SN Observat	2	
0128.sn2001eh	1200	1:08	01:38:12.1	41:39:18	300	-10	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0129.COMP	5	1:08	01:38:17.0	41:40:15	300	-10	3.0	#2 SN Observat	2	rtssystem crash
0130.ZAnd	1	1:08	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0131.ZAnd	3	1:08	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0132.ZAnd	5	1:08	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0133.ZAnd	15	1:08	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0134.COMP	5	1:08	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0135.a168_102	900	1:08	01:16:35.6	0:45:31	300	90	3.0	#64 Cluster In	4	
0136.COMP	5	1:08	01:16:35.6	0:45:31	300	90	3.0	#64 Cluster In	4	
0137.a168_104	300	1:08	01:12:13.2	0:06:20	300	90	3.0	#64 Cluster In	4	
0138.COMP	5	1:08	01:12:13.2	0:06:20	300	90	3.0	#64 Cluster In	4	
0139.a168_107	360	1:08	01:15:14.6	1:39:23	300	90	3.0	#64 Cluster In	4	
0140.COMP	5	1:08	01:15:14.6	1:39:23	300	90	3.0	#64 Cluster In	4	
0141.a168_108	300	1:08	01:12:18.3	-0:04:50	300	90	3.0	#64 Cluster In	4	
0142.COMP	5	1:08	01:12:18.3	-0:04:50	300	90	3.0	#64 Cluster In	4	
0143.a168_110	360	1:08	01:08:02.9	1:58:23	300	90	3.0	#64 Cluster In	4	
0144.COMP	5	1:08	01:08:02.9	1:58:23	300	90	3.0	#64 Cluster In	4	
0145.a168_112	300	1:08	01:15:12.7	-1:15:34	300	90	3.0	#64 Cluster In	4	
0146.COMP	5	1:08	01:15:12.7	-1:15:34	300	90	3.0	#64 Cluster In	4	
0147.a168_116	420	1:08	01:23:25.1	0:45:18	300	90	3.0	#64 Cluster In	4	
0148.COMP	5	1:08	01:23:25.1	0:45:18	300	90	3.0	#64 Cluster In	4	

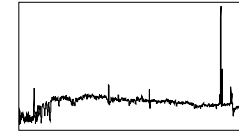


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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0149.a168_117	600	1:08	01:14:34.3	-0:29:03	300	90	3.0	#64 Cluster In	4	
0150.COMP	5	1:08	01:14:34.3	-0:29:03	300	90	3.0	#64 Cluster In	4	
0151.a168_130	360	1:08	01:19:05.1	-0:47:07	300	90	3.0	#64 Cluster In	4	
0152.COMP	5	1:08	01:19:05.1	-0:47:07	300	90	3.0	#64 Cluster In	4	
0153.a168_128	600	1:08	01:17:44.1	0:15:15	300	90	3.0	#64 Cluster In	4	
0154.COMP	5	1:08	01:17:44.1	0:15:15	300	90	3.0	#64 Cluster In	4	
0155.a168_127	600	1:08	01:14:49.1	2:15:52	300	90	3.0	#64 Cluster In	4	
0156.COMP	5	1:08	01:14:49.1	2:15:52	300	90	3.0	#64 Cluster In	4	
0157.a496_584	480	1:08	04:42:10.6	-12:27:50	300	90	3.0	#64 Cluster In	4	
0158.COMP	5	1:08	04:42:10.6	-12:27:50	300	90	3.0	#64 Cluster In	4	
0159.a496_586	720	1:08	04:46:46.4	-14:09:02	300	90	3.0	#64 Cluster In	4	
0160.COMP	5	1:08	04:46:46.4	-14:09:02	300	90	3.0	#64 Cluster In	4	
0161.a496_588	600	1:08	04:43:46.0	-12:58:58	300	90	3.0	#64 Cluster In	4	
0162.COMP	5	1:08	04:43:46.0	-12:58:58	300	90	3.0	#64 Cluster In	4	
0163.a496_594	600	1:08	04:22:44.1	-14:52:57	300	90	3.0	#64 Cluster In	4	agn
0164.COMP	5	1:08	04:22:44.1	-14:52:57	300	90	3.0	#64 Cluster In	4	
0165.HZ14	360	1:08	04:38:15.6	10:53:57	300	0	3.0	#56 Spectropho	2	sky looks pretty good, no clouds
0166.COMP	10	1:08	04:38:15.6	10:53:57	300	0	3.0	#56 Spectropho	2	
0167.sn2001ep	1200	1:08	04:57:00.2	-04:45:40	300	0	3.0	#2 SN Observat	2	
0168.COMP	10	1:08	04:57:00.2	-04:45:40	300	0	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0169.a496_599	420	1:08	04:30:27.7	-13:17:03	300	90	3.0	#64 Cluster In	4	
0170.COMP	5	1:08	04:30:27.7	-13:17:03	300	90	3.0	#64 Cluster In	4	
0171.a496_600	300	1:08	04:34:48.7	-11:07:53	300	90	3.0	#64 Cluster In	4	
0172.COMP	5	1:08	04:34:48.7	-11:07:53	300	90	3.0	#64 Cluster In	4	
0173.a496_593	600	1:08	04:48:13.4	-13:39:40	300	90	3.0	#64 Cluster In	4	
0174.COMP	5	1:08	04:48:13.4	-13:39:40	300	90	3.0	#64 Cluster In	4	
0175.a496_571	900	1:08	04:26:40.0	-14:10:38	300	90	3.0	#64 Cluster In	4	
0176.COMP	5	1:08	04:26:40.0	-14:10:38	300	90	3.0	#64 Cluster In	4	
0177.a496_570	720	1:08	04:28:17.5	-12:02:20	300	90	3.0	#64 Cluster In	4	em
0178.COMP	5	1:08	04:28:17.5	-12:02:20	300	90	3.0	#64 Cluster In	4	
0179.BGGem	1200	1:08	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0180.BGGem	300	1:08	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0181.COMP	10	1:08	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0182.Akn120	180	1:08	05:13:38.0	-00:12:15	300	30	3.0	#6 AGN Monitor	4	
0183.Akn120	180	1:08	05:13:38.0	-00:12:15	300	30	3.0	#6 AGN Monitor	4	
0184.COMP	5	1:08	05:13:38.0	-00:12:15	300	30	3.0	#6 AGN Monitor	4	
0185.Hiltner600	45	1:08	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0186.Hiltner600	45	1:08	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0187.Hiltner600	90	1:08	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0188.COMP	10	1:08	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0189.HD52971	4	1:08	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0190.HD52971	4	1:08	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0191.HD52971	4	1:08	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0192.COMP	5	1:08	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0193.BIAS	0	1:08	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	a few tiny clouds around @ dawn
0194-0202.BIAS	0	12:52	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0203-0212.FLAT	8	12:55	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0213-0222.BIAS	0	12:58	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0223-0232.FLAT	16	13:03	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0233-0237.DARK	1200	14:59	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	0:06	18:20:14.0	31:30:08	300	90	2.0	#99 Director/P	4	binby4
0002-0010.BIAS	0	0:07	18:21:28.0	31:30:08	300	90	2.0	#99 Director/P	4	
0011.BIAS	0	0:07	18:21:55.0	31:30:08	300	90	2.0	#99 Director/P	2	binby3full
0012-0020.BIAS	0	0:09	18:24:04.0	31:30:08	300	90	2.0	#99 Director/P	2	
0021.BIAS	0	0:09	18:25:00.0	31:30:07	300	90	2.0	#99 Director/P	2	binby2
0022-0030.BIAS	0	0:12	18:27:02.0	31:30:07	300	90	2.0	#99 Director/P	2	
0031.FLAT	25	0:12	18:28:38.0	31:30:07	300	90	2.0	#99 Director/P	2	300-line; 2-sec slit; tilt=575
0032-0040.FLAT	25	0:23	18:38:27.0	31:30:06	300	90	2.0	#99 Director/P	2	
0041-0050.FLAT	25	0:30	18:45:02.0	31:30:05	300	90	2.0	#99 Director/P	2	
0051-0055.sky	3	1:03	19:15:00	32:00:00	300	90	2.0	#99 Director/T	2	
0056.COMP	10	1:03	19:15:00	32:00:00	300	90	2.0	#99 Director/T	2	
0057.HR6060	1	1:03	16:15:37	-08:22:10	300	49	2.0	#99 Director/T	2	
0058.HR6060	3	1:03	16:15:37	-08:22:10	300	49	2.0	#99 Director/T	2	
0059.HR6060	3	1:03	16:15:37	-08:22:10	300	49	2.0	#99 Director/T	2	
0060.HR6060	3	1:03	16:15:37	-08:22:10	300	49	2.0	#99 Director/T	2	
0061.HR6060	1	1:03	16:15:37	-08:22:10	300	49	2.0	#99 Director/T	2	
0062.COMP	10	1:03	16:15:37	-08:22:10	300	49	2.0	#99 Director/T	2	
0063.HD186427	3	1:03	19:41:53	50:31:11	300	0	2.0	#99 Director/T	2	
0064.HD186427	3	1:03	19:41:53	50:31:11	300	0	2.0	#99 Director/T	2	
0065.HD186427	3	1:03	19:41:53	50:31:11	300	0	2.0	#99 Director/T	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0066.HD186427	3	1:03	19:41:53	50:31:11	300	0	2.0	#99 Director/T	2	
0067.HD186427	1	1:03	19:41:53	50:31:11	300	0	2.0	#99 Director/T	2	
0068.HD186427	5	1:03	19:41:53	50:31:11	300	0	2.0	#99 Director/T	2	
0069.COMP	10	1:03	19:41:53	50:31:11	300	0	2.0	#99 Director/T	2	
0070.HD186408	3	1:03	19:41:49	50:31:38	300	0	2.0	#99 Director/T	2	
0071.HD186408	3	1:03	19:41:49	50:31:38	300	0	2.0	#99 Director/T	2	
0072.HD186408	1	1:03	19:41:49	50:31:38	300	0	2.0	#99 Director/T	2	
0073.HD186408	5	1:03	19:41:49	50:31:38	300	0	2.0	#99 Director/T	2	
0074.COMP	10	1:03	19:41:49	50:31:38	300	0	2.0	#99 Director/T	2	
0075.Mars	5	1:03	19:37:11	-24:05:22	300	5	2.0	#99 Director/T	2	
0076.Mars	5	1:03	19:37:11	-24:05:22	300	5	2.0	#99 Director/T	2	
0077.Mars	5	1:03	19:37:11	-24:05:22	300	5	2.0	#99 Director/T	2	
0078.Mars	5	1:03	19:37:11	-24:05:22	300	5	2.0	#99 Director/T	2	
0079.Mars	5	1:03	19:37:11	-24:05:22	300	5	2.0	#99 Director/T	2	
0080.Mars	5	1:03	19:37:11	-24:05:22	300	5	2.0	#99 Director/T	2	
0081.Mars	5	1:03	19:37:11	-24:05:22	300	5	2.0	#99 Director/T	2	
0082.Mars	5	1:03	19:37:11	-24:05:22	300	5	2.0	#99 Director/T	2	
0083.Mars	5	1:03	19:37:11	-24:05:22	300	5	2.0	#99 Director/T	2	
0084.Mars	5	1:03	19:37:11	-24:05:22	300	5	2.0	#99 Director/T	2	
0085.Mars	5	1:03	19:37:11	-24:05:22	300	5	2.0	#99 Director/T	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0086.COMP	10	1:03	19:37:11	-24:05:22	300	5	2.0	#99 Director/T	2	
0087.Pluto	65	1:03	16:52:31	-12:30:04	300	45	2.0	#99 Director/T	2	cool! it
0088.Pluto	300	1:03	16:52:31	-12:30:04	300	45	2.0	#99 Director/T	2	
0089.Pluto	300	1:03	16:52:31	-12:30:04	300	45	2.0	#99 Director/T	2	
0090.COMP	10	1:03	16:52:31	-12:30:04	300	45	2.0	#99 Director/T	2	
0091.Neptune	2	1:03	20:33:17	-18:38:52	300	0	2.0	#99 Director/T	2	
0092.Neptune	2	1:03	20:33:17	-18:38:52	300	0	2.0	#99 Director/T	2	
0093.Neptune	2	1:03	20:33:17	-18:38:52	300	0	2.0	#99 Director/T	2	
0094.Neptune	5	1:03	20:33:17	-18:38:52	300	0	2.0	#99 Director/T	2	
0095.Neptune	5	1:03	20:33:17	-18:38:52	300	0	2.0	#99 Director/T	2	
0096.Neptune	5	1:03	20:33:17	-18:38:52	300	0	2.0	#99 Director/T	2	
0097.NepMoon1	150	1:03	20:33:17	-18:38:52	300	0	2.0	#99 Director/T	2	20arcsec to SW
0098.Neptune	10	1:03	20:33:17	-18:38:52	300	0	2.0	#99 Director/T	2	
0099.star	60	1:03	20:33:17	-18:38:52	300	0	2.0	#99 Director/T	2	
0100.COMP	10	1:03	20:33:17	-18:38:52	300	0	2.0	#99 Director/T	2	
0101.Uranus	2	1:03	21:34:26	-15:11:57	300	-15	2.0	#99 Director/T	2	
0102.Uranus	2	1:03	21:34:26	-15:11:57	300	-15	2.0	#99 Director/T	2	
0103.Uranus	1	1:03	21:34:26	-15:11:57	300	-15	2.0	#99 Director/T	2	
0104.Uranus	3	1:03	21:34:26	-15:11:57	300	-15	2.0	#99 Director/T	2	
0105.UrMoon1	90	1:03	21:34:26	-15:11:57	300	-15	2.0	#99 Director/T	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0107.COMP	10	1:03	21:34:26	-15:11:57	300	-15	2.0	#99 Director/T	2	
0108.HD192281	6	1:03	20:10:46.8	40:07:01	300	0	2.0	#99 Director/T	2	
0109.HD192281	6	1:03	20:10:46.8	40:07:01	300	0	2.0	#99 Director/T	2	
0110.HD192281	6	1:03	20:10:46.8	40:07:01	300	0	2.0	#99 Director/T	2	
0111.HD192281	6	1:03	20:10:46.8	40:07:01	300	0	2.0	#99 Director/T	2	
0112.HD192281	6	1:03	20:10:46.8	40:07:01	300	0	2.0	#99 Director/T	2	
0113.COMP	10	1:03	20:10:46.8	40:07:01	300	0	2.0	#99 Director/T	2	
0114.BDp284211	60	1:03	21:48:57.1	28:37:48	300	90	2.0	#99 Director/T	2	
0115.BDp284211	60	1:03	21:48:57.1	28:37:48	300	90	2.0	#99 Director/T	2	
0116.BDp284211	60	1:03	21:48:57.1	28:37:48	300	90	2.0	#99 Director/T	2	
0117.COMP	10	1:03	21:48:57.1	28:37:48	300	90	2.0	#99 Director/T	2	
0118.PlutoRed	600	1:03	16:52:31	-12:30:04	300	51	2.0	#99 Director/T	2	switch to red tilt 811
0119.COMP	34	1:03	16:52:31	-12:30:04	300	51	2.0	#99 Director/T	2	rtssystem crash; bad comp; not critical
0120.COMP	5	1:03	19:37:11	-24:05:22	300	30	2.0	#99 Director/T	2	please use any other red comp...
0121.MarsRed	5	1:03	19:37:11	-24:05:22	300	30	2.0	#99 Director/T	2	
0122.MarsRed	5	1:03	19:37:11	-24:05:22	300	30	2.0	#99 Director/T	2	
0123.MarsRed	5	1:03	19:37:11	-24:05:22	300	30	2.0	#99 Director/T	2	
0124.MarsRed	5	1:03	19:37:11	-24:05:22	300	30	2.0	#99 Director/T	2	
0125.COMP	5	1:03	19:37:11	-24:05:22	300	30	2.0	#99 Director/T	2	
0126.NeptuneRed	2	1:03	20:33:17	-18:38:52	300	13	2.0	#99 Director/T	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0127.NeptuneRed	6	1:03	20:33:17	-18:38:52	300	13	2.0	#99 Director/T	2	
0128.NeptuneRed	10	1:03	20:33:17	-18:38:52	300	13	2.0	#99 Director/T	2	
0129.NeptuneRed	30	1:03	20:33:17	-18:38:52	300	13	2.0	#99 Director/T	2	
0130.NeptuneRed	60	1:03	20:33:17	-18:38:52	300	13	2.0	#99 Director/T	2	
0131.NepMoon1Red	180	1:03	20:33:17	-18:38:52	300	13	2.0	#99 Director/T	2	
0132.NeptuneRed	60	1:03	20:33:17	-18:38:52	300	13	2.0	#99 Director/T	2	
0133.COMP	5	1:03	20:33:17	-18:38:52	300	13	2.0	#99 Director/T	2	
0134.UranusRed	2	1:03	21:34:26	-15:11:57	300	0	2.0	#99 Director/T	2	
0135.UranusRed	4	1:03	21:34:26	-15:11:57	300	0	2.0	#99 Director/T	2	
0136.UranusRed	10	1:03	21:34:26	-15:11:57	300	0	2.0	#99 Director/T	2	
0137.UranusRed	10	1:03	21:34:26	-15:11:57	300	0	2.0	#99 Director/T	2	
0138.UranusRed	2	1:03	21:34:26	-15:11:57	300	0	2.0	#99 Director/T	2	
0139.UrMoon1Red	240	1:03	21:34:26	-15:11:57	300	0	2.0	#99 Director/T	2	
0140.COMP	5	1:03	21:34:26	-15:11:57	300	0	2.0	#99 Director/T	2	
0141.HD186427Red	3	1:03	19:41:53	50:31:11	300	100	2.0	#99 Director/T	2	
0142.HD186427Red	3	1:03	19:41:53	50:31:11	300	100	2.0	#99 Director/T	2	
0143.HD186427Red	3	1:03	19:41:53	50:31:11	300	100	2.0	#99 Director/T	2	
0144.HD186427Red	5	1:03	19:41:53	50:31:11	300	100	2.0	#99 Director/T	2	
0145.HD186427Red	5	1:03	19:41:53	50:31:11	300	100	2.0	#99 Director/T	2	
0146.COMP	5	1:03	19:41:53	50:31:11	300	100	2.0	#99 Director/T	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0147.HD186408Red	3	1:03	19:41:49	50:31:38	300	100	2.0	#99 Director/T	2	
0148.HD186408Red	3	1:03	19:41:49	50:31:38	300	100	2.0	#99 Director/T	2	
0149.HD186408Red	5	1:03	19:41:49	50:31:38	300	100	2.0	#99 Director/T	2	
0150.COMP	5	1:03	19:41:49	50:31:38	300	100	2.0	#99 Director/T	2	
0151.HD192281Red	6	1:03	20:10:46.8	40:07:01	300	100	2.0	#99 Director/T	2	
0152.HD192281Red	6	1:03	20:10:46.8	40:07:01	300	100	2.0	#99 Director/T	2	
0153.HD192281Red	6	1:03	20:10:46.8	40:07:01	300	100	2.0	#99 Director/T	2	
0154.HD192281Red	10	1:03	20:10:46.8	40:07:01	300	100	2.0	#99 Director/T	2	
0155.HD192281Red	10	1:03	20:10:46.8	40:07:01	300	100	2.0	#99 Director/T	2	
0156.COMP	5	1:03	20:10:46.8	40:07:01	300	100	2.0	#99 Director/T	2	
0157.BDp284211Red	60	1:03	21:48:57.1	28:37:48	300	90	2.0	#99 Director/T	2	
0158.BDp284211Red	120	1:03	21:48:57.1	28:37:48	300	90	2.0	#99 Director/T	2	
0159.COMP	5	1:03	21:48:57.1	28:37:48	300	90	2.0	#99 Director/T	2	
0160.FLAT	20	1:03	21:48:57.1	28:37:48	300	90	2.0	#99 Director/T	2	300-line; 2-sec; tilt=811
0161-0179.FLAT	20	3:51	21:48:57.1	28:37:48	300	90	2.0	#99 Director/T	2	
0180.test	5	3:51	21:48:57.1	28:37:48	600	90	3.0	#99 Director/C	2	
0181.test	5	3:51	21:48:57.1	28:37:48	600	90	3.0	#99 Director/C	2	
0182.FLAT	20	3:51	21:48:57.1	28:37:48	600	90	3.0	#99 Director/C	2	
0183.FLAT	20	3:51	21:48:57.1	28:37:48	600	90	3.0	#99 Director/C	2	600-line; 3-sec; tilt=455
0184-0201.FLAT	20	4:07	21:48:57.1	28:37:48	600	90	3.0	#99 Director/C	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0202.BDp284211	120	4:07	21:48:57.1	28:37:48	600	70	3.0	#99 Director/C	2	for Nelson C
0203.BDp284211	120	4:07	21:48:57.1	28:37:48	600	70	3.0	#99 Director/C	2	
0204.BDp284211	120	4:07	21:48:57.1	28:37:48	600	70	3.0	#99 Director/C	2	
0205.COMP	10	4:07	21:48:57.1	28:37:48	600	70	3.0	#99 Director/C	2	
0206.HD217086	10	4:07	22:54:49.0	62:27:35	600	5	3.0	#99 Director/T	2	for Nelson, not Traub
0207.HD217086	10	4:07	22:54:49.0	62:27:35	600	5	3.0	#99 Director/T	2	
0208.HD217086	10	4:07	22:54:49.0	62:27:35	600	5	3.0	#99 Director/T	2	
0209.COMP	10	4:07	22:54:49.0	62:27:35	600	5	3.0	#99 Director/T	2	
0210.M32A	400	4:07	00:39:58	+40:35:30	600	-20	3.0	#99 Director/C	2	
0211.M32B	1200	4:07	00:39:58	+40:35:30	600	-20	3.0	#99 Director/C	2	
0212.COMP	10	4:07	00:39:58	+40:35:30	600	-20	3.0	#99 Director/C	2	
0213.M32C	1200	4:07	00:39:58	+40:35:30	600	-20	3.0	#99 Director/C	2	
0214.M32B	1200	4:07	00:39:58	+40:35:30	600	-20	3.0	#99 Director/C	2	
0215.COMP	10	4:07	00:39:58	+40:35:30	600	-20	3.0	#99 Director/C	2	
0216.M32C	1200	4:07	00:39:58	+40:35:30	600	-20	3.0	#99 Director/C	2	
0217.COMP	10	4:07	00:39:58	+40:35:30	600	-20	3.0	#99 Director/C	2	
0218.M32B	1200	4:07	00:39:58	+40:35:30	600	-20	3.0	#99 Director/C	2	
0219.COMP	10	4:07	00:39:58	+40:35:30	600	-20	3.0	#99 Director/C	2	
0220.M32C	1200	4:07	00:39:58	+40:35:30	600	-20	3.0	#99 Director/C	2	
0221.M32B	1200	4:07	00:39:58	+40:35:30	600	-20	3.0	#99 Director/C	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0222.COMP	10	4:07	00:39:58	+40:35:30	600	-20	3.0	#99 Director/C	2	
0223.COMP	5	4:07	1:30:00	30:00:00	300	90	3.0	#99 Director/C	4	ccd problems. yikes. fixed with complete reset.
0224.COMP	5	4:07	01:35:13.0	30:15:24	300	90	3.0	#99 Director/C	4	
0225.BIAS	0	4:07	01:35:39.0	30:15:24	300	90	3.0	#99 Director/C	4	
0226.BIAS	0	4:07	01:38:53.0	30:15:24	300	90	3.0	#99 Director/C	2	
0227.COMP	5	4:07	01:39:33.0	30:15:24	300	90	3.0	#99 Director/C	2	
0228.FLAT	8	4:07	01:41:17.0	30:15:24	300	90	3.0	#99 Director/C	4	back to normal combo setup
0229-0232.FLAT	8	7:22	01:42:22.0	30:15:24	300	90	3.0	#99 Director/C	4	
0233.FLAT	16	7:22	01:43:15.0	30:15:24	300	90	3.0	#99 Director/C	2	300-line; 3-sec; tilt=610
0234-0236.FLAT	16	7:24	01:44:42.0	30:15:24	300	90	3.0	#99 Director/C	2	
0237.FLAT	16	7:24	01:45:12.0	30:15:25	300	90	3.0	#99 Director/C	2	
0238.158m213	300	7:24	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	2	
0239.COMP	10	7:24	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	2	
0240.M32	30	7:24	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	2	
0241.COMP	10	7:24	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	2	
0242.ZAnd	1	7:24	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0243.ZAnd	3	7:24	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0244.ZAnd	5	7:24	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0245.ZAnd	15	7:24	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0246.COMP	5	7:24	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0247.sn2001en	1200	7:24	01:25:22.9	+34:01:30	300	10	3.0	#2 SN Observat	2	pa=100
0248.COMP	10	7:24	01:25:22.9	+34:01:30	300	10	3.0	#2 SN Observat	2	
0249.a168_126	900	7:24	01:16:18.6	2:04:55	300	90	3.0	#64 Cluster In	4	
0250.COMP	5	7:24	01:16:18.6	2:04:55	300	90	3.0	#64 Cluster In	4	
0251.a168_135	300	7:24	01:16:43.4	1:36:08	300	90	3.0	#64 Cluster In	4	
0252.COMP	5	7:24	01:16:43.4	1:36:08	300	90	3.0	#64 Cluster In	4	
0253.a168_138	360	7:24	01:17:17.3	0:30:29	300	90	3.0	#64 Cluster In	4	
0254.COMP	5	7:24	01:17:17.3	0:30:29	300	90	3.0	#64 Cluster In	4	
0255.a168_139	720	7:24	01:05:29.5	0:30:34	300	90	3.0	#64 Cluster In	4	
0256.COMP	5	7:24	01:05:29.5	0:30:34	300	90	3.0	#64 Cluster In	4	
0257.a168_141	720	7:24	01:15:11.1	0:57:53	300	90	3.0	#64 Cluster In	4	
0258.COMP	5	7:24	01:15:11.1	0:57:53	300	90	3.0	#64 Cluster In	4	
0259.a168_142	720	7:24	01:07:49.7	0:36:40	300	90	3.0	#64 Cluster In	4	
0260.COMP	5	7:24	01:07:49.7	0:36:40	300	90	3.0	#64 Cluster In	4	
0261.a168_145	720	7:24	01:18:27.2	0:17:06	300	90	3.0	#64 Cluster In	4	
0262.COMP	5	7:24	01:18:27.2	0:17:06	300	90	3.0	#64 Cluster In	4	thin clouds around
0263.a168_147	300	7:24	01:17:43.7	-0:49:53	300	90	3.0	#64 Cluster In	4	
0264.COMP	5	7:24	01:17:43.7	-0:49:53	300	90	3.0	#64 Cluster In	4	
0265.a168_152	480	7:24	01:07:44.8	1:43:02	300	90	3.0	#64 Cluster In	4	
0266.COMP	5	7:24	01:07:44.8	1:43:02	300	90	3.0	#64 Cluster In	4	

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0267.a168_153	720	7:24	01:20:49.7	-0:28:32	300	90	3.0	#64 Cluster In	4	
0268.COMP	5	7:24	01:20:49.7	-0:28:32	300	90	3.0	#64 Cluster In	4	
0269.a496_332	900	7:24	04:31:41.8	-10:34:06	300	90	3.0	#64 Cluster In	4	
0270.COMP	5	7:24	04:31:41.8	-10:34:06	300	90	3.0	#64 Cluster In	4	
0271.a496_329	270	7:24	04:14:32.7	-13:11:02	300	90	3.0	#64 Cluster In	4	
0272.COMP	5	7:24	04:14:32.7	-13:11:02	300	90	3.0	#64 Cluster In	4	
0273.a496_330	480	7:24	04:47:47.8	-15:31:56	300	90	3.0	#64 Cluster In	4	
0274.COMP	5	7:24	04:47:47.8	-15:31:56	300	90	3.0	#64 Cluster In	4	
0275.HZ14	360	7:24	04:38:15.6	10:53:57	300	0	3.0	#56 Spectropho	2	
0276.COMP	10	7:24	04:38:15.6	10:53:57	300	0	3.0	#56 Spectropho	2	
0277.sn2001ep	1200	7:24	04:57:00.2	-04:45:40	300	0	3.0	#2 SN Observat	2	
0278.COMP	10	7:24	04:57:00.2	-04:45:40	300	0	3.0	#2 SN Observat	2	
0279.BGGem	1200	7:24	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0280.BGGem	300	7:24	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0281.COMP	10	7:24	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0282.Hiltner600	90	7:24	06:42:37.2	02:11:25	300	-15	3.0	#56 Spectropho	2	
0283.Hiltner600	90	7:24	06:42:37.2	02:11:25	300	-15	3.0	#56 Spectropho	2	
0284.COMP	10	7:24	06:42:37.2	02:11:25	300	-15	3.0	#56 Spectropho	2	
0285-0294.FLAT	8	11:32	6:00:00	32:00:00	300	-15	3.0	#56 Spectropho	4	
0295-0304.FLAT	16	11:37	6:00:00	32:00:00	300	-15	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0305.FLAT	25	11:37	6:00:00	32:00:00	300	0	2.0	#99 Director/P	2	2-sec slit; tilt=575
0306-0314.FLAT	25	11:45	6:00:00	32:00:00	300	0	2.0	#99 Director/P	2	
0315.HD28099	2	11:45	04:26:39	16:44:49	300	52	2.0	#99 Director/T	2	
0316.HD28099	10	11:45	04:26:39	16:44:49	300	52	2.0	#99 Director/T	2	
0317.HD28099	10	11:45	04:26:39	16:44:49	300	52	2.0	#99 Director/T	2	
0318.HD28099	5	11:45	04:26:39	16:44:49	300	52	2.0	#99 Director/T	2	
0319.COMP	10	11:45	04:26:39	16:44:49	300	52	2.0	#99 Director/T	2	
0320.Saturn	10	11:45	4:54:08	20:41:30	300	52	2.0	#99 Director/T	2	
0321.Saturn	6	11:45	4:54:08	20:41:30	300	52	2.0	#99 Director/T	2	
0322.Saturn	6	11:45	4:54:08	20:41:30	300	52	2.0	#99 Director/T	2	
0323.Saturn	6	11:45	4:54:08	20:41:30	300	52	2.0	#99 Director/T	2	
0324.Saturn	6	11:45	4:54:08	20:41:30	300	52	2.0	#99 Director/T	2	
0325.COMP	10	11:45	4:54:08	20:41:30	300	52	2.0	#99 Director/T	2	
0326.Jupiter	6	11:45	7:05:45	22:24:49	300	-50	2.0	#99 Director/T	2	
0327.Jupiter	4	11:45	7:05:45	22:24:49	300	-50	2.0	#99 Director/T	2	
0328.Jupiter	4	11:45	7:05:45	22:24:49	300	-50	2.0	#99 Director/T	2	
0329.Jupiter	4	11:45	7:05:45	22:24:49	300	-50	2.0	#99 Director/T	2	
0330.COMP	10	11:45	7:05:45	22:24:49	300	-50	2.0	#99 Director/T	2	
0331.Ganymede	1	11:45	7:05:03	22:26:01	300	-50	2.0	#99 Director/T	2	
0332.Ganymede	1	11:45	7:05:03	22:26:01	300	-50	2.0	#99 Director/T	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0333.Ganymede	5	11:45	7:05:03	22:26:01	300	-50	2.0	#99 Director/T	2	
0334.Ganymede	5	11:45	7:05:03	22:26:01	300	-50	2.0	#99 Director/T	2	
0335.COMP	10	11:45	7:05:03	22:26:01	300	-50	2.0	#99 Director/T	2	
0336.Io	5	11:45	7:05:56	22:25:11	300	-50	2.0	#99 Director/T	2	just east of Europa
0337.Io	1	11:45	7:05:56	22:25:11	300	-50	2.0	#99 Director/T	2	
0338.Io	1	11:45	7:05:56	22:25:11	300	-50	2.0	#99 Director/T	2	
0339.Io	1	11:45	7:05:56	22:25:11	300	-50	2.0	#99 Director/T	2	
0340.Io	3	11:45	7:05:56	22:25:11	300	-50	2.0	#99 Director/T	2	
0341.Europa	3	11:45	7:05:56	22:25:11	300	-50	2.0	#99 Director/T	2	
0342.Europa	1	11:45	7:05:56	22:25:11	300	-50	2.0	#99 Director/T	2	
0343.Europa	1	11:45	7:05:56	22:25:11	300	-50	2.0	#99 Director/T	2	
0344.Europa	1	11:45	7:05:56	22:25:11	300	-50	2.0	#99 Director/T	2	
0345.Callisto	1	11:45	7:05:56	22:25:11	300	-50	2.0	#99 Director/T	2	
0346.Callisto	1	11:45	7:05:56	22:25:11	300	-50	2.0	#99 Director/T	2	
0347.Callisto	4	11:45	7:05:56	22:25:11	300	-50	2.0	#99 Director/T	2	
0348.COMP	10	11:45	7:05:56	22:25:11	300	-50	2.0	#99 Director/T	2	
0349.Hiltner600	100	11:45	06:42:37.2	02:11:25	300	0	2.0	#99 Director/T	2	
0350.Hiltner600	100	11:45	06:42:37.2	02:11:25	300	0	2.0	#99 Director/T	2	
0351.COMP	10	11:45	06:42:37.2	02:11:25	300	0	2.0	#99 Director/T	2	
0352.Hiltner600Red	100	11:45	06:42:37.2	02:11:25	300	0	2.0	#99 Director/T	2	tilt=811; 2-sec slit

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0353.Hiltner600Red	100	11:45	06:42:37.2	02:11:25	300	0	2.0	#99 Director/T	2	
0354.COMP	10	11:45	06:42:37.2	02:11:25	300	0	2.0	#99 Director/T	2	the pressure is on
0355.IoRed	1	11:45	7:05:45	22:24:49	300	-25	2.0	#99 Director/T	2	
0356.IoRed	1	11:45	7:05:45	22:24:49	300	-25	2.0	#99 Director/T	2	
0357.IoRed	2	11:45	7:05:45	22:24:49	300	-25	2.0	#99 Director/T	2	
0358.IoRed	2	11:45	7:05:45	22:24:49	300	-25	2.0	#99 Director/T	2	
0359.EuropaRed	2	11:45	7:05:45	22:24:49	300	-25	2.0	#99 Director/T	2	
0360.EuropaRed	1	11:45	7:05:45	22:24:49	300	-25	2.0	#99 Director/T	2	
0361.CallistoRed	2	11:45	7:05:45	22:24:49	300	-25	2.0	#99 Director/T	2	
0362.CallistoRed	2	11:45	7:05:45	22:24:49	300	-25	2.0	#99 Director/T	2	
0363.CallistoRed	1	11:45	7:05:45	22:24:49	300	-25	2.0	#99 Director/T	2	
0364.GanymedeRed	1	11:45	7:05:45	22:24:49	300	-25	2.0	#99 Director/T	2	
0365.GanymedeRed	2	11:45	7:05:45	22:24:49	300	-25	2.0	#99 Director/T	2	
0366.GanymedeRed	5	11:45	7:05:45	22:24:49	300	-25	2.0	#99 Director/T	2	
0367.GanymedeRed	2	11:45	7:05:45	22:24:49	300	-25	2.0	#99 Director/T	2	
0368.JupiterRed	4	11:45	7:05:45	22:24:49	300	-25	2.0	#99 Director/T	2	
0369.JupiterRed	4	11:45	7:05:45	22:24:49	300	-25	2.0	#99 Director/T	2	
0370.JupiterRed	4	11:45	7:05:45	22:24:49	300	-25	2.0	#99 Director/T	2	
0371.JupiterRed	4	11:45	7:05:45	22:24:49	300	-25	2.0	#99 Director/T	2	
0372.COMP	10	11:45	7:05:45	22:24:49	300	-25	2.0	#99 Director/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>
0373.SaturnRed	4	11:45	4:54:08	20:41:30	300	60	2.0	#99 Director/T	2	
0374.SaturnRed	4	11:45	4:54:08	20:41:30	300	60	2.0	#99 Director/T	2	
0375.SaturnRed	4	11:45	4:54:08	20:41:30	300	60	2.0	#99 Director/T	2	
0376.COMP	10	11:45	4:54:08	20:41:30	300	60	2.0	#99 Director/T	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	0:55	19:28:51.0	31:29:59	300	90	3.0	#99 Director/T	4	
0002.DARK	900	0:55	19:44:03.0	31:29:57	300	90	3.0	#99 Director/T	4	
0003.DARK	900	0:55	19:59:11.0	31:29:56	300	90	3.0	#99 Director/T	4	
0004-0013.BIAS	0	1:42	20:00:38.0	31:29:56	300	90	3.0	#99 Director/T	4	
0014-0023.FLAT	6	1:46	20:04:58.0	31:29:55	300	90	3.0	#99 Director/T	4	
0024-0033.BIAS	0	1:49	20:07:50.0	31:29:55	300	90	3.0	#99 Director/T	2	
0034-0041.FLAT	12	1:52	20:11:14.0	31:29:55	300	90	3.0	#99 Director/T	2	
0042-0043.FLAT	12	1:53	20:12:06.0	31:29:54	300	90	3.0	#99 Director/T	2	
0044.BDp284211	30	1:53	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0045.BDp284211	30	1:53	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0046.COMP	5	1:53	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0047.BDp284211	30	1:53	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0048.BDp284211	30	1:53	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0049.COMP	12	1:53	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0050.BDp284211	30	1:53	21:48:57.1	28:37:48	300	104	3.0	#56 Spectropho	2	
0051.BDp284211	30	1:53	21:48:57.1	28:37:48	300	104	3.0	#56 Spectropho	2	
0052.COMP	12	1:53	21:48:57.1	28:37:48	300	104	3.0	#56 Spectropho	2	
0053.MRK509	240	1:53	20:44:09.8	-10:43:24	300	91	3.0	#6 AGN Monitor	2	
0054.MRK509	240	1:53	20:44:09.8	-10:43:24	300	91	3.0	#6 AGN Monitor	2	
0055.COMP	12	1:53	20:44:09.8	-10:43:24	300	91	3.0	#6 AGN Monitor	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0056.Akn564	240	1:53	22:42:39.4	+29:43:31	300	91	3.0	#6 AGN Monitor	2	
0057.Akn564	240	1:53	22:42:39.4	+29:43:31	300	91	3.0	#6 AGN Monitor	2	
0058.COMP	12	1:53	22:42:39.4	+29:43:31	300	91	3.0	#6 AGN Monitor	2	
0059.N7469	150	1:53	23:03:15.7	+08:52:27	300	79	3.0	#6 AGN Monitor	2	rotate to isolate
0060.N7469	150	1:53	23:03:15.7	+08:52:27	300	79	3.0	#6 AGN Monitor	2	
0061.COMP	12	1:53	23:03:15.7	+08:52:27	300	79	3.0	#6 AGN Monitor	2	
0062.id2560	480	1:53	20:04:05.8	35:46:07	300	90	3.0	#115 PMS NGC68	2	
0063.COMP	12	1:53	20:04:05.8	35:46:07	300	90	3.0	#115 PMS NGC68	2	
0064.id1329	600	1:53	20:07:01.4	35:53:34	300	90	3.0	#115 PMS NGC68	2	
0065.COMP	12	1:53	20:07:01.4	35:53:34	300	90	3.0	#115 PMS NGC68	2	
0066.id157	900	1:53	20:05:33.4	35:41:50	300	90	3.0	#115 PMS NGC68	2	
0067.COMP	12	1:53	20:05:33.4	35:41:50	300	90	3.0	#115 PMS NGC68	2	
0068.id1939	1200	1:53	20:05:49.3	35:54:12	300	90	3.0	#115 PMS NGC68	2	
0069.COMP	12	1:53	20:05:49.3	35:54:12	300	90	3.0	#115 PMS NGC68	2	
0070.id2548	900	1:53	20:04:07.7	35:41:43	300	90	3.0	#115 PMS NGC68	2	
0071.COMP	12	1:53	20:04:07.7	35:41:43	300	90	3.0	#115 PMS NGC68	2	
0072.id2723	420	1:53	19:59:30.3	35:11:27	300	90	3.0	#115 PMS NGC68	2	
0073.COMP	12	1:53	19:59:30.3	35:11:27	300	90	3.0	#115 PMS NGC68	2	
0074.id1239	600	1:53	20:07:12.0	35:54:11	300	90	3.0	#115 PMS NGC68	2	
0075.COMP	12	1:53	20:07:12.0	35:54:11	300	90	3.0	#115 PMS NGC68	2	

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0076.id74	720	1:53	20:05:59.4	35:44:39	300	90	3.0	#115 PMS NGC68	2	
0077.COMP	12	1:53	20:05:59.4	35:44:39	300	90	3.0	#115 PMS NGC68	2	
0078.id97	600	1:53	20:05:48.0	35:44:47	300	90	3.0	#115 PMS NGC68	2	
0079.COMP	12	1:53	20:05:48.0	35:44:47	300	90	3.0	#115 PMS NGC68	2	
0080.id1138	420	1:53	20:07:22.3	35:54:29	300	90	3.0	#115 PMS NGC68	2	row=80
0081.COMP	12	1:53	20:07:22.3	35:54:29	300	90	3.0	#115 PMS NGC68	2	
0082.id1741	480	1:53	20:06:10.4	35:39:34	300	90	3.0	#115 PMS NGC68	2	
0083.COMP	12	1:53	20:06:10.4	35:39:34	300	90	3.0	#115 PMS NGC68	2	
0084.id1749	720	1:53	20:06:09.0	35:35:58	300	90	3.0	#115 PMS NGC68	2	
0085.COMP	12	1:53	20:06:09.0	35:35:58	300	90	3.0	#115 PMS NGC68	2	
0086.id2570	420	1:53	20:04:03.3	35:38:15	300	90	3.0	#115 PMS NGC68	2	
0087.COMP	12	1:53	20:04:03.3	35:38:15	300	90	3.0	#115 PMS NGC68	2	
0088.id2697	360	1:53	19:59:40.4	35:16:24	300	90	3.0	#115 PMS NGC68	2	
0089.COMP	12	1:53	19:59:40.4	35:16:24	300	90	3.0	#115 PMS NGC68	2	
0090.NGC_23	900	1:53	00:09:53.8	+25:55:28	300	90	3.0	#124 COLA	2	
0091.COMP	12	1:53	00:09:53.8	+25:55:28	300	90	3.0	#124 COLA	2	
0092.IRAS_0052p2858	1200	1:53	00:54:50.2	+29:14:42	300	90	3.0	#124 COLA	2	
0093.COMP	12	1:53	00:54:50.2	+29:14:42	300	90	3.0	#124 COLA	2	
0094.NGC_317B	1200	1:53	00:57:40.1	+43:47:31	300	90	3.0	#124 COLA	2	
0095.COMP	12	1:53	00:57:40.1	+43:47:31	300	90	3.0	#124 COLA	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0096.NGC_317A	1020	1:53	00:57:39.0	+43:48:02	300	90	3.0	#124 COLA	2	
0097.COMP	12	1:53	00:57:39.0	+43:48:02	300	90	3.0	#124 COLA	2	
0098.IRAS_2348p2018	1020	1:53	23:51:26.8	+20:35:09	300	90	3.0	#124 COLA	2	
0099.COMP	12	1:53	23:51:26.8	+20:35:09	300	90	3.0	#124 COLA	2	
0100.sn2001eh	1200	1:53	01:38:12.1	41:39:18	300	-15	3.0	#2 SN Observat	2	
0101.COMP	12	1:53	01:38:12.1	41:39:18	300	-15	3.0	#2 SN Observat	2	
0102.NGC_7771	900	1:53	23:51:24.6	+20:06:38	300	90	3.0	#124 COLA	2	
0103.COMP	12	1:53	23:51:24.6	+20:06:38	300	90	3.0	#124 COLA	2	
0104.NGC_7769	900	1:53	23:51:03.9	+20:09:01	300	90	3.0	#124 COLA	2	
0105.COMP	12	1:53	23:51:03.9	+20:09:01	300	90	3.0	#124 COLA	2	
0106.NGC_7753	1020	1:53	23:47:04.9	+29:29:01	300	90	3.0	#124 COLA	2	
0107.COMP	12	1:53	23:47:04.9	+29:29:01	300	90	3.0	#124 COLA	2	
0108.sn2001ev	1200	1:53	03:18:39.0	+37:36:31	300	2	3.0	#2 SN Observat	2	
0109.COMP	12	1:53	03:18:39.0	+37:36:31	300	2	3.0	#2 SN Observat	2	
0110.sn2001ev	1200	1:53	03:18:39.0	+37:36:31	300	2	3.0	#2 SN Observat	2	
0111.COMP	12	1:53	03:18:39.0	+37:36:31	300	2	3.0	#2 SN Observat	2	
0112.sn2001ep	1200	1:53	04:57:00.2	-04:45:40	300	-18	3.0	#2 SN Observat	2	
0113.COMP	12	1:53	04:57:00.2	-04:45:40	300	-18	3.0	#2 SN Observat	2	
0114.a496_301	300	1:53	04:47:14.3	-11:35:49	300	90	3.0	#64 Cluster In	4	get again
0115.COMP	5	1:53	04:47:14.3	-11:35:49	300	90	3.0	#64 Cluster In	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0116.a496_301	600	1:53	04:47:14.3	-11:35:49	300	90	3.0	#64 Cluster In	4	
0117.COMP	5	1:53	04:47:14.3	-11:35:49	300	90	3.0	#64 Cluster In	4	
0118.a496_302	480	1:53	04:46:31.6	-15:24:34	300	90	3.0	#64 Cluster In	4	
0119.COMP	5	1:53	04:46:31.6	-15:24:34	300	90	3.0	#64 Cluster In	4	
0120.a496_303	1200	1:53	04:43:54.7	-16:15:04	300	90	3.0	#64 Cluster In	4	
0121.COMP	5	1:53	04:43:54.7	-16:15:04	300	90	3.0	#64 Cluster In	4	
0122.a496_304	480	1:53	04:17:03.3	-12:00:45	300	90	3.0	#64 Cluster In	4	
0123.COMP	5	1:53	04:17:03.3	-12:00:45	300	90	3.0	#64 Cluster In	4	
0124.a496_305	900	1:53	04:33:35.7	-08:13:57	300	90	3.0	#64 Cluster In	4	
0125.COMP	5	1:53	04:33:35.7	-08:13:57	300	90	3.0	#64 Cluster In	4	
0126.a496_308	300	1:53	04:20:56.5	-09:40:59	300	90	3.0	#64 Cluster In	4	
0127.COMP	5	1:53	04:20:56.5	-09:40:59	300	90	3.0	#64 Cluster In	4	
0128.a496_308	480	1:53	04:20:56.5	-09:40:59	300	90	3.0	#64 Cluster In	4	
0129.COMP	5	1:53	04:20:56.5	-09:40:59	300	90	3.0	#64 Cluster In	4	
0130.a496_310	480	1:53	04:46:46.3	-14:50:01	300	90	3.0	#64 Cluster In	4	
0131.COMP	5	1:53	04:46:46.3	-14:50:01	300	90	3.0	#64 Cluster In	4	
0132.a496_311	1200	1:53	04:46:00.2	-15:19:52	300	90	3.0	#64 Cluster In	4	
0133.COMP	5	1:53	04:46:00.2	-15:19:52	300	90	3.0	#64 Cluster In	4	
0134.a496_315	1200	1:53	04:31:58.5	-18:22:56	300	90	3.0	#64 Cluster In	4	
0135.COMP	5	1:53	04:31:58.5	-18:22:56	300	90	3.0	#64 Cluster In	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0136.BGGem	300	1:53	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0137.COMP	12	1:53	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0138.HD52971	3	1:53	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0139.COMP	12	1:53	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0140.HD52971	3	1:53	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0141.COMP	5	1:53	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0142-0146.sky	2	13:14	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0147.COMP	5	13:14	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0148-0157.BIAS	0	13:17	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0158-0167.FLAT	6	13:20	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0168-0177.BIAS	0	13:23	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0178-0187.FLAT	12	13:28	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0188-0197.DARK	900	15:48	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0005.DARK	900	0:30	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0006-0015.BIAS	0	0:47	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0016-0025.FLAT	6	0:50	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0026-0035.BIAS	0	0:52	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0036-0045.FLAT	12	0:57	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0046-0050.sky	2	1:02	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0051.COMP	5	1:02	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0052.BDp284211	30	1:02	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0053.BDp284211	30	1:02	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0054.COMP	5	1:02	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0055.BDp284211	30	1:02	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0056.BDp284211	30	1:02	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0057.COMP	12	1:02	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0058.BDp284211	30	1:02	21:48:57.1	28:37:48	300	104	3.0	#56 Spectropho	2	
0059.BDp284211	30	1:02	21:48:57.1	28:37:48	300	104	3.0	#56 Spectropho	2	
0060.COMP	12	1:02	21:48:57.1	28:37:48	300	104	3.0	#56 Spectropho	2	
0061.sn2001ey	1200	1:02	22:26:30.7	-06:23:28	300	-36	3.0	#2 SN Observat	2	
0062.COMP	12	1:02	22:26:30.7	-06:23:28	300	-36	3.0	#2 SN Observat	2	
0063.tr37.2.2-262	420	1:02	21:40:36.1	57:19:52	300	90	3.0	#89 Ae/Be Star	2	
0064.COMP	12	1:02	21:40:36.1	57:19:52	300	90	3.0	#89 Ae/Be Star	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0065.tr37.1.4-1361	420	1:02	21:37:36.3	57:37:23	300	90	3.0	#89 Ae/Be Star	2	
0066.COMP	12	1:02	21:37:36.3	57:37:23	300	90	3.0	#89 Ae/Be Star	2	
0067.tr37.2.4-87	300	1:02	21:39:32.6	57:30:56	300	90	3.0	#89 Ae/Be Star	2	
0068.COMP	12	1:02	21:39:32.6	57:30:56	300	90	3.0	#89 Ae/Be Star	2	
0069.tr37.1.1-1825	360	1:02	21:37:16.2	57:26:07	300	90	3.0	#89 Ae/Be Star	2	
0070.COMP	12	1:02	21:37:16.2	57:26:07	300	90	3.0	#89 Ae/Be Star	2	
0071.tr37.1.3-1011	300	1:02	21:38:11.1	57:35:10	300	90	3.0	#89 Ae/Be Star	2	
0072.COMP	12	1:02	21:38:11.1	57:35:10	300	90	3.0	#89 Ae/Be Star	2	
0073.tr37.1.1-1130	300	1:02	21:37:43.2	57:23:04	300	90	3.0	#89 Ae/Be Star	2	
0074.COMP	12	1:02	21:37:43.2	57:23:04	300	90	3.0	#89 Ae/Be Star	2	
0075.tr37.1.2-1638	360	1:02	21:39:10.3	57:25:19	300	90	3.0	#89 Ae/Be Star	2	
0076.COMP	12	1:02	21:39:10.3	57:25:19	300	90	3.0	#89 Ae/Be Star	2	
0077.tr37.2.2-292	360	1:02	21:40:44.9	57:20:04	300	90	3.0	#89 Ae/Be Star	2	
0078.COMP	12	1:02	21:40:44.9	57:20:04	300	90	3.0	#89 Ae/Be Star	2	
0079.tr37.2.3-438	360	1:02	21:40:32.3	57:33:57	300	90	3.0	#89 Ae/Be Star	2	
0080.COMP	12	1:02	21:40:32.3	57:33:57	300	90	3.0	#89 Ae/Be Star	2	
0081.id2868	600	1:02	19:58:39.1	35:24:34	300	90	3.0	#115 PMS NGC68	2	row=80
0082.COMP	12	1:02	19:58:39.1	35:24:34	300	90	3.0	#115 PMS NGC68	2	
0083.id1151	540	1:02	20:07:20.7	35:35:45	300	90	3.0	#115 PMS NGC68	2	
0084.COMP	12	1:02	20:07:20.7	35:35:45	300	90	3.0	#115 PMS NGC68	2	

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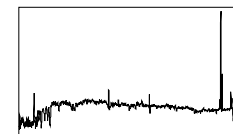
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0085.id1505	540	1:02	20:06:40.7	35:44:47	300	90	3.0	#115 PMS NGC68	2	
0086.COMP	12	1:02	20:06:40.7	35:44:47	300	90	3.0	#115 PMS NGC68	2	
0087.id1599	600	1:02	20:06:25.4	35:55:27	300	90	3.0	#115 PMS NGC68	2	
0088.COMP	12	1:02	20:06:25.4	35:55:27	300	90	3.0	#115 PMS NGC68	2	wait out clouds
0089.id2357	540	1:02	20:04:44.5	35:55:01	300	90	3.0	#115 PMS NGC68	2	
0090.COMP	12	1:02	20:04:44.5	35:55:01	300	90	3.0	#115 PMS NGC68	2	
0091.id2363	540	1:02	20:04:43.4	35:40:34	300	90	3.0	#115 PMS NGC68	2	
0092.COMP	12	1:02	20:04:43.4	35:40:34	300	90	3.0	#115 PMS NGC68	2	
0093.id2774	720	1:02	19:59:13.2	35:24:49	300	90	3.0	#115 PMS NGC68	2	
0094.COMP	12	1:02	19:59:13.2	35:24:49	300	90	3.0	#115 PMS NGC68	2	
0095.id1261	540	1:02	20:07:08.6	35:50:08	300	90	3.0	#115 PMS NGC68	2	
0096.COMP	12	1:02	20:07:08.6	35:50:08	300	90	3.0	#115 PMS NGC68	2	
0097.ZAnd	1	1:02	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0098.ZAnd	3	1:02	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0099.ZAnd	5	1:02	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0100.ZAnd	13	1:02	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0101.COMP	12	1:02	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0102.a119c_436	720	1:02	00:50:12.6	-3:47:51	300	90	3.0	#64 Cluster In	2	
0103.COMP	12	1:02	00:50:12.6	-3:47:51	300	90	3.0	#64 Cluster In	2	
0104.a119c_438	540	1:02	00:53:14.7	02:12:06	300	90	3.0	#64 Cluster In	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0105.COMP	12	1:02	00:53:14.7	02:12:06	300	90	3.0	#64 Cluster In	2	
0106.a119c_442	600	1:02	00:48:31.7	01:25:48	300	90	3.0	#64 Cluster In	2	
0107.COMP	12	1:02	00:48:31.7	01:25:48	300	90	3.0	#64 Cluster In	2	
0108.a119c_445	660	1:02	00:44:50.3	-0:11:47	300	90	3.0	#64 Cluster In	2	
0109.COMP	12	1:02	00:44:50.3	-0:11:47	300	90	3.0	#64 Cluster In	2	
0110.a119c_446	480	1:02	00:51:21.8	02:13:03	300	90	3.0	#64 Cluster In	2	
0111.COMP	12	1:02	00:51:21.8	02:13:03	300	90	3.0	#64 Cluster In	2	
0112.a119c_447	420	1:02	00:50:43.8	01:01:38	300	90	3.0	#64 Cluster In	2	
0113.COMP	12	1:02	00:50:43.8	01:01:38	300	90	3.0	#64 Cluster In	2	
0114.a119c_452	1020	1:02	01:01:51.4	-4:19:58	300	90	3.0	#64 Cluster In	2	
0115.COMP	12	1:02	01:01:51.4	-4:19:58	300	90	3.0	#64 Cluster In	2	
0116.a119c_461	1200	1:02	00:52:39.3	-4:21:13	300	90	3.0	#64 Cluster In	2	
0117.COMP	12	1:02	00:52:39.3	-4:21:13	300	90	3.0	#64 Cluster In	2	
0118.a119c_462	900	1:02	00:43:43.8	-3:27:13	300	90	3.0	#64 Cluster In	2	
0119.COMP	12	1:02	00:43:43.8	-3:27:13	300	90	3.0	#64 Cluster In	2	
0120.a119c_463	420	1:02	01:03:53.4	-4:40:16	300	90	3.0	#64 Cluster In	2	
0121.COMP	12	1:02	01:03:53.4	-4:40:16	300	90	3.0	#64 Cluster In	2	
0122.a119c_464	480	1:02	01:00:14.6	-4:11:47	300	90	3.0	#64 Cluster In	2	
0123.COMP	12	1:02	01:00:14.6	-4:11:47	300	90	3.0	#64 Cluster In	2	
0124.a119c_465	480	1:02	00:49:48.5	00:59:05	300	90	3.0	#64 Cluster In	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0125.COMP	12	1:02	00:49:48.5	00:59:05	300	90	3.0	#64 Cluster In	2	
0126.sn2001en	1200	1:02	01:25:22.9	+34:01:30	300	95	3.0	#2 SN Observat	2	
0127.COMP	12	1:02	01:25:22.9	+34:01:30	300	95	3.0	#2 SN Observat	2	
0128.IRAS_0151p3640	1020	1:02	01:54:53.4	+36:54:59	300	90	3.0	#124 COLA	2	
0129.COMP	12	1:02	01:54:53.4	+36:54:59	300	90	3.0	#124 COLA	2	
0130.IRAS_0155p0250	1200	1:02	01:58:06.3	+03:05:06	300	90	3.0	#124 COLA	2	spectra = SW galaxy
0131.COMP	12	1:02	01:58:06.3	+03:05:06	300	90	3.0	#124 COLA	2	
0132.IRAS_0155p2507	1200	1:02	01:58:30.0	+25:21:37	300	90	3.0	#124 COLA	2	
0133.COMP	12	1:02	01:58:30.0	+25:21:37	300	90	3.0	#124 COLA	2	
0134.UGC01449	900	1:02	01:58:06.6	+03:05:14	300	90	3.0	#124 COLA	2	spectra = NE galaxy
0135.UGC01449	900	1:02	01:58:06.6	+03:05:14	300	90	3.0	#124 COLA	2	
0136.COMP	12	1:02	01:58:06.6	+03:05:14	300	90	3.0	#124 COLA	2	
0137.sn2001ep	1200	1:02	04:57:00.2	-04:45:40	300	-9	3.0	#2 SN Observat	2	
0138.COMP	12	1:02	04:57:00.2	-04:45:40	300	-9	3.0	#2 SN Observat	2	
0139.BGGem	300	1:02	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0140.BGGem	1200	1:02	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	clouds moved in during exp.
0141.COMP	12	1:02	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	wait out some clouds..
0142.1vso-31839	600	1:02	05:18:08.2	+00:00:20	300	90	3.0	#112 Orion PMS	2	
0143.COMP	12	1:02	05:18:08.2	+00:00:20	300	90	3.0	#112 Orion PMS	2	
0144.2vso-45090	600	1:02	05:36:00.9	-00:14:20	300	90	3.0	#112 Orion PMS	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>Bir</i>	<i>Comments</i>
0145.COMP	12	1:02	05:36:00.9	-00:14:20	300	90	3.0	#112 Orion PMS	2	
0146.3vso-21216	600	1:02	05:00:33.2	-00:50:19	300	90	3.0	#112 Orion PMS	2	
0147.COMP	12	1:02	05:00:33.2	-00:50:19	300	90	3.0	#112 Orion PMS	2	
0148.sn2001ex	1200	1:02	06:55:59.8	+55:24:03	300	15	3.0	#2 SN Observat	2	
0149.COMP	12	1:02	06:55:59.8	+55:24:03	300	15	3.0	#2 SN Observat	2	
0150-0159.BIAS	0	12:32	05:00:42.1	-00:51:24	300	90	3.0	#112 Orion PMS	4	
0160-0169.FLAT	6	12:35	05:00:42.1	-00:51:24	300	90	3.0	#112 Orion PMS	4	
0170-0179.BIAS	0	12:39	05:00:42.1	-00:51:24	300	90	3.0	#112 Orion PMS	2	
0180-0189.FLAT	12	12:45	05:00:42.1	-00:51:24	300	90	3.0	#112 Orion PMS	2	
0190-0199.DARK	900	15:04	05:00:42.1	-00:51:24	300	90	3.0	#112 Orion PMS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0005.DARK	900	0:17	05:00:42.1	-00:51:24	300	90	3.0	#112 Orion PMS	4	
0006-0015.BIAS	0	0:37	05:00:42.1	-00:51:24	300	90	3.0	#112 Orion PMS	4	
0016-0025.FLAT	6	0:41	05:00:42.1	-00:51:24	300	90	3.0	#112 Orion PMS	4	
0026-0035.BIAS	0	0:43	05:00:42.1	-00:51:24	300	90	3.0	#112 Orion PMS	2	
0036-0045.FLAT	12	0:49	05:00:42.1	-00:51:24	300	90	3.0	#112 Orion PMS	2	
0046-0050.sky	2	1:05	05:00:42.1	-00:51:24	300	90	3.0	#57 Velocity S	4	
0051.COMP	5	1:05	05:00:42.1	-00:51:24	300	90	3.0	#57 Velocity S	4	
0052.BDp284211	45	1:05	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0053.BDp284211	45	1:05	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0054.COMP	5	1:05	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0055.BDp284211	45	1:05	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0056.BDp284211	45	1:05	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0057.COMP	12	1:05	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0058.BDp284211	45	1:05	21:48:57.1	28:37:48	300	104	3.0	#56 Spectropho	2	
0059.BDp284211	45	1:05	21:48:57.1	28:37:48	300	104	3.0	#56 Spectropho	2	
0060.COMP	12	1:05	21:48:57.1	28:37:48	300	104	3.0	#56 Spectropho	2	
0061.N7331	210	1:05	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0062.COMP	5	1:05	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0063.N7331	210	1:05	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0064.COMP	12	1:05	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0065.Akn564	240	1:05	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0066.Akn564	240	1:05	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0067.COMP	12	1:05	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0068.id1322	480	1:05	20:07:01.9	35:48:39	300	90	3.0	#115 PMS NGC68	2	
0069.COMP	12	1:05	20:07:01.9	35:48:39	300	90	3.0	#115 PMS NGC68	2	wait out clouds...
0070.tr37.2.1-1013	600	1:05	21:39:33.2	57:23:33	300	90	3.0	#89 Ae/Be Star	2	
0071.COMP	12	1:05	21:39:33.2	57:23:33	300	90	3.0	#89 Ae/Be Star	2	
0072.tr37.2.4-1756	540	1:05	21:39:58.3	57:39:58	300	90	3.0	#89 Ae/Be Star	2	
0073.COMP	12	1:05	21:39:58.3	57:39:58	300	90	3.0	#89 Ae/Be Star	2	
0074.tr37.2.4-1949	720	1:05	21:39:22.7	57:40:54	300	90	3.0	#89 Ae/Be Star	2	
0075.COMP	12	1:05	21:39:22.7	57:40:54	300	90	3.0	#89 Ae/Be Star	2	
0076.tr37.1.1-2031	1020	1:05	21:37:15.9	57:26:59	300	90	3.0	#89 Ae/Be Star	2	will get again
0077.COMP	12	1:05	21:37:15.9	57:26:59	300	90	3.0	#89 Ae/Be Star	2	wait out more clouds...
0078.IRAS_0157p5015	900	1:05	02:01:08.9	+50:30:21	300	90	3.0	#124 COLA	2	thru clouds...
0079.IRAS_0157p5015	900	1:05	02:01:08.9	+50:30:21	300	90	3.0	#124 COLA	2	
0080.COMP	12	1:05	02:01:08.9	+50:30:21	300	90	3.0	#124 COLA	2	
0081.sn2001eh	1200	1:05	01:38:12.1	41:39:18	300	103	3.0	#2 SN Observat	2	
0082.COMP	12	1:05	01:38:12.1	41:39:18	300	103	3.0	#2 SN Observat	2	
0083.NGC_828	1020	1:05	02:10:09.5	+39:11:26	300	90	3.0	#124 COLA	2	
0084.COMP	12	1:05	02:10:09.5	+39:11:26	300	90	3.0	#124 COLA	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0085.NGC_834	1200	1:05	02:11:01.1	+37:40:01	300	90	3.0	#124 COLA	2	
0086.COMP	12	1:05	02:11:01.1	+37:40:01	300	90	3.0	#124 COLA	2	
0087.sn2001ep	1200	1:05	04:57:00.2	-04:45:40	300	-6	3.0	#2 SN Observat	2	
0088.COMP	12	1:05	04:57:00.2	-04:45:40	300	-6	3.0	#2 SN Observat	2	
0089.a496_314	900	1:05	04:32:24.9	-09:11:45	300	90	3.0	#64 Cluster In	2	
0090.COMP	12	1:05	04:32:24.9	-09:11:45	300	90	3.0	#64 Cluster In	2	
0091.a496_316	1200	1:05	04:43:32.9	-09:22:47	300	90	3.0	#64 Cluster In	2	
0092.COMP	12	1:05	04:43:32.9	-09:22:47	300	90	3.0	#64 Cluster In	2	
0093.a496_317	1020	1:05	04:51:38.5	-15:27:00	300	90	3.0	#64 Cluster In	2	
0094.COMP	12	1:05	04:51:38.5	-15:27:00	300	90	3.0	#64 Cluster In	2	
0095.sn2001pgc	1200	1:05	05:42:37.6	+69:14:14	300	-9	3.0	#2 SN Observat	2	
0096.COMP	12	1:05	05:42:37.6	+69:14:14	300	-9	3.0	#2 SN Observat	2	
0097.sn2001ej	1200	1:05	07:23:43.2	33:26:38	300	83	3.0	#2 SN Observat	2	
0098.COMP	12	1:05	07:23:43.2	33:26:38	300	83	3.0	#2 SN Observat	2	
0099.4vso-21295	540	1:05	05:00:42.1	-00:51:24	300	90	3.0	#112 Orion PMS	2	
0100.COMP	12	1:05	05:00:42.1	-00:51:24	300	90	3.0	#112 Orion PMS	2	
0101-0110.BIAS	0	12:45	05:00:42.1	-00:51:24	300	90	3.0	#2 SN Observat	4	
0111-0120.FLAT	6	12:49	05:00:42.1	-00:51:24	300	90	3.0	#2 SN Observat	4	
0121-0130.BIAS	0	12:52	05:00:42.1	-00:51:24	300	90	3.0	#2 SN Observat	2	
0131-0140.FLAT	12	12:57	05:00:42.1	-00:51:24	300	90	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>
0141-0150.DARK	900	15:19	05:00:42.1	-00:51:24	300	90	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.BIAS	0	1:07	19:37:08.0	31:29:58	300	90	3.0	#2 SN Observat	4	
0011.FLAT	8	1:07	19:37:42.0	31:29:58	300	90	3.0	#2 SN Observat	4	lots of cirrus
0012-0020.FLAT	8	1:09	19:40:06.0	31:29:58	300	90	3.0	#2 SN Observat	4	
0021-0030.BIAS	0	1:12	19:42:41.0	31:29:58	300	90	3.0	#2 SN Observat	2	
0031-0040.FLAT	16	1:17	19:47:41.0	31:29:57	300	90	3.0	#2 SN Observat	2	
0041.HD192281	5	1:17	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0042.HD192281	5	1:17	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0043.HD192281	5	1:17	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0044.COMP	10	1:17	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0045.HIP110790s	2	1:17	22:26:45.5	+37:26:37	300	90	3.0	#89 Ae/Be Star	4	south comp
0046.HIP110790s	1	1:17	22:26:45.5	+37:26:37	300	90	3.0	#89 Ae/Be Star	4	
0047.HIP110790s	1	1:17	22:26:45.5	+37:26:37	300	90	3.0	#89 Ae/Be Star	4	
0048.HIP110790n	5	1:17	22:26:45.5	+37:26:37	300	90	3.0	#89 Ae/Be Star	4	north comp; fainter
0049.HIP110790n	5	1:17	22:26:45.5	+37:26:37	300	90	3.0	#89 Ae/Be Star	4	
0050.HIP110790n	6	1:17	22:26:45.5	+37:26:37	300	90	3.0	#89 Ae/Be Star	4	
0051.COMP	5	1:17	22:26:45.5	+37:26:37	300	90	3.0	#89 Ae/Be Star	4	
0052.HIP110664	3	1:17	22:25:05.9	+44:32:18	300	90	3.0	#89 Ae/Be Star	4	
0053.HIP110664	3	1:17	22:25:05.9	+44:32:18	300	90	3.0	#89 Ae/Be Star	4	
0054.HIP110664	3	1:17	22:25:05.9	+44:32:18	300	90	3.0	#89 Ae/Be Star	4	
0055.COMP	5	1:17	22:25:05.9	+44:32:18	300	90	3.0	#89 Ae/Be Star	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0056.HIP110476	6	1:17	22:22:41.3	+42:57:04	300	90	3.0	#89 Ae/Be Star	4	
0057.HIP110476	8	1:17	22:22:41.3	+42:57:04	300	90	3.0	#89 Ae/Be Star	4	
0058.HIP110476	8	1:17	22:22:41.3	+42:57:04	300	90	3.0	#89 Ae/Be Star	4	
0059.COMP	5	1:17	22:22:41.3	+42:57:04	300	90	3.0	#89 Ae/Be Star	4	
0060.HIP110700	8	1:17	22:25:43.6	+38:49:26	300	90	3.0	#89 Ae/Be Star	4	
0061.HIP110700	8	1:17	22:25:43.6	+38:49:26	300	90	3.0	#89 Ae/Be Star	4	
0062.HIP110700	15	1:17	22:25:43.6	+38:49:26	300	90	3.0	#89 Ae/Be Star	4	
0063.COMP	5	1:17	22:25:43.6	+38:49:26	300	90	3.0	#89 Ae/Be Star	4	
0064.HIP110804	30	1:17	22:26:58.2	+46:01:48	300	90	3.0	#89 Ae/Be Star	4	
0065.HIP110804	30	1:17	22:26:58.2	+46:01:48	300	90	3.0	#89 Ae/Be Star	4	
0066.HIP110804	60	1:17	22:26:58.2	+46:01:48	300	90	3.0	#89 Ae/Be Star	4	
0067.COMP	5	1:17	22:26:58.2	+46:01:48	300	90	3.0	#89 Ae/Be Star	4	
0068.HIP110835	30	1:17	22:27:17.3	+44:22:45	300	90	3.0	#89 Ae/Be Star	4	
0069.HIP110835	30	1:17	22:27:17.3	+44:22:45	300	90	3.0	#89 Ae/Be Star	4	
0070.HIP110835	30	1:17	22:27:17.3	+44:22:45	300	90	3.0	#89 Ae/Be Star	4	
0071.COMP	5	1:17	22:27:17.3	+44:22:45	300	90	3.0	#89 Ae/Be Star	4	
0072.MRK509	180	1:17	20:44:09.8	-10:43:24	300	0	3.0	#6 AGN Monitor	4	
0073.MRK509	180	1:17	20:44:09.8	-10:43:24	300	0	3.0	#6 AGN Monitor	4	
0074.COMP	5	1:17	20:44:09.8	-10:43:24	300	0	3.0	#6 AGN Monitor	4	
0075.id1360	600	1:17	20:06:57.8	35:42:52	300	0	3.0	#115 PMS NGC68	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0076.COMP	5	1:17	20:06:57.8	35:42:52	300	0	3.0	#115 PMS NGC68	4	
0077.id1542	720	1:17	20:06:33.9	35:45:25	300	0	3.0	#115 PMS NGC68	4	
0078.COMP	5	1:17	20:06:33.9	35:45:25	300	0	3.0	#115 PMS NGC68	4	
0079.id1610	720	1:17	20:06:24.1	35:39:09	300	0	3.0	#115 PMS NGC68	4	
0080.COMP	5	1:17	20:06:24.1	35:39:09	300	0	3.0	#115 PMS NGC68	4	
0081.id2263	720	1:17	20:05:04.9	35:54:50	300	0	3.0	#115 PMS NGC68	4	clouds increasing
0082.COMP	5	1:17	20:05:04.9	35:54:50	300	0	3.0	#115 PMS NGC68	4	
0083.id2324	900	1:17	20:04:51.7	35:50:18	300	0	3.0	#115 PMS NGC68	4	
0084.COMP	5	1:17	20:04:51.7	35:50:18	300	0	3.0	#115 PMS NGC68	4	stopped by clouds
0085.id2371	1200	1:17	20:04:41.5	35:44:25	300	0	3.0	#115 PMS NGC68	4	
0086.COMP	5	1:17	20:04:41.5	35:44:25	300	0	3.0	#115 PMS NGC68	4	
0087.id2410	1200	1:17	20:04:33.4	35:49:48	300	0	3.0	#115 PMS NGC68	2	
0088.COMP	5	1:17	20:04:33.4	35:49:48	300	0	3.0	#115 PMS NGC68	2	
0089.id2747	900	1:17	19:59:21.7	35:20:46	300	0	3.0	#115 PMS NGC68	4	
0090.COMP	5	1:17	19:59:21.7	35:20:46	300	0	3.0	#115 PMS NGC68	4	
0091.id1088	720	1:17	20:07:26.6	35:53:04	300	0	3.0	#115 PMS NGC68	4	
0092.COMP	5	1:17	20:07:26.6	35:53:04	300	0	3.0	#115 PMS NGC68	4	
0093.BDp284211	60	1:17	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0094.BDp284211	60	1:17	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0095.COMP	10	1:17	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0096.Akn564	240	1:17	22:42:39.4	+29:43:31	300	77	3.0	#6 AGN Monitor	4	good sky overhead
0097.Akn564	240	1:17	22:42:39.4	+29:43:31	300	77	3.0	#6 AGN Monitor	4	
0098.COMP	5	1:17	22:42:39.4	+29:43:31	300	77	3.0	#6 AGN Monitor	4	
0099.N7469	150	1:17	23:03:15.7	+08:52:27	300	28	3.0	#6 AGN Monitor	4	
0100.N7469	150	1:17	23:03:15.7	+08:52:27	300	28	3.0	#6 AGN Monitor	4	
0101.COMP	5	1:17	23:03:15.7	+08:52:27	300	28	3.0	#6 AGN Monitor	4	
0102.MRK335	120	1:17	00:06:19.6	+20:12:11	300	0	3.0	#6 AGN Monitor	4	
0103.MRK335	120	1:17	00:06:19.6	+20:12:11	300	0	3.0	#6 AGN Monitor	4	
0104.COMP	5	1:17	00:06:19.6	+20:12:11	300	0	3.0	#6 AGN Monitor	4	
0105.163m217	300	1:17	00:40:33.3	+41:11:20	300	90	3.0	#57 Velocity S	4	
0106.COMP	5	1:17	00:40:33.3	+41:11:20	300	90	3.0	#57 Velocity S	4	
0107.ZAnd	1	1:17	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0108.ZAnd	3	1:17	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0109.ZAnd	5	1:17	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0110.ZAnd	15	1:17	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0111.COMP	5	1:17	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0112.a168_154	900	1:17	01:13:57.6	1:00:05	300	90	3.0	#64 Cluster In	4	
0113.COMP	5	1:17	01:13:57.6	1:00:05	300	90	3.0	#64 Cluster In	4	
0114.a168_158	720	1:17	01:19:43.2	1:37:51	300	90	3.0	#64 Cluster In	4	
0115.COMP	5	1:17	01:19:43.2	1:37:51	300	90	3.0	#64 Cluster In	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0116.a168_159	540	1:17	01:21:48.3	1:34:15	300	90	3.0	#64 Cluster In	4	
0117.COMP	5	1:17	01:21:48.3	1:34:15	300	90	3.0	#64 Cluster In	4	
0118.a168_161	600	1:17	01:21:32.3	1:32:48	300	90	3.0	#64 Cluster In	4	
0119.COMP	5	1:17	01:21:32.3	1:32:48	300	90	3.0	#64 Cluster In	4	
0120.sn2001en	1200	1:17	01:25:22.9	+34:01:30	300	0	3.0	#2 SN Observat	2	
0121.COMP	10	1:17	01:25:22.9	+34:01:30	300	0	3.0	#2 SN Observat	2	
0122.snNGC673	1200	1:17	01:48:22.2	+11:31:34	300	0	3.0	#2 SN Observat	2	v. suspicious
0123.COMP	10	1:17	01:48:22.2	+11:31:34	300	0	3.0	#2 SN Observat	2	
0124.a168_162	900	1:17	01:21:43.8	-0:22:47	300	90	3.0	#64 Cluster In	4	
0125.COMP	5	1:17	01:21:43.8	-0:22:47	300	90	3.0	#64 Cluster In	4	
0126.a168_163	900	1:17	01:20:54.5	-0:31:34	300	90	3.0	#64 Cluster In	4	
0127.COMP	5	1:17	01:20:54.5	-0:31:34	300	90	3.0	#64 Cluster In	4	
0128.a168_167	600	1:17	01:08:22.6	2:04:22	300	90	3.0	#64 Cluster In	4	
0129.COMP	5	1:17	01:08:22.6	2:04:22	300	90	3.0	#64 Cluster In	4	
0130.a168_168	720	1:17	01:19:54.6	2:19:35	300	90	3.0	#64 Cluster In	4	
0131.COMP	5	1:17	01:19:54.6	2:19:35	300	90	3.0	#64 Cluster In	4	
0132.snNGC673	1200	1:17	01:48:22.2	+11:31:34	300	45	3.0	#2 SN Observat	2	galactic dwarf nova
0133.COMP	10	1:17	01:48:22.2	+11:31:34	300	45	3.0	#2 SN Observat	2	
0134.a496_317	720	1:17	04:51:38.5	-15:27:00	300	45	3.0	#64 Cluster In	4	
0135.COMP	5	1:17	04:51:38.5	-15:27:00	300	45	3.0	#64 Cluster In	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0136.a496_318	300	1:17	04:47:51.9	-14:59:12	300	90	3.0	#64 Cluster In	4	more clouds
0137.COMP	5	1:17	04:47:51.9	-14:59:12	300	90	3.0	#64 Cluster In	4	
0138.a496_354	900	1:17	04:42:12.5	-15:01:20	300	90	3.0	#64 Cluster In	4	
0139.COMP	5	1:17	04:42:12.5	-15:01:20	300	90	3.0	#64 Cluster In	4	
0140.a496_399	900	1:17	04:30:07.0	-12:24:47	300	90	3.0	#64 Cluster In	4	
0141.COMP	5	1:17	04:30:07.0	-12:24:47	300	90	3.0	#64 Cluster In	4	
0142.a496_421	300	1:17	04:15:45.4	-13:28:41	300	90	3.0	#64 Cluster In	4	
0143.COMP	5	1:17	04:15:45.4	-13:28:41	300	90	3.0	#64 Cluster In	4	
0144.snNGC673	1200	1:17	01:48:22.2	+11:31:34	300	60	3.0	#2 SN Observat	2	
0145.COMP	10	1:17	01:48:22.2	+11:31:34	300	60	3.0	#2 SN Observat	2	
0146.sn2001ep	1200	1:17	04:57:00.2	-04:45:40	300	0	3.0	#2 SN Observat	2	clouds! at end of exp
0147.COMP	10	1:17	04:57:00.2	-04:45:40	300	0	3.0	#2 SN Observat	2	
0148.BGGem	1200	1:17	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	clouds
0149.COMP	10	1:17	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	stopped by clouds
0150.BGGem	720	1:17	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	weak
0151-0160.BIAS	0	11:29	6:03:31	27:41:50	300	90	3.0	#100 BGGem	4	
0161.FLAT	8	11:29	6:03:31	27:41:50	300	90	3.0	#100 BGGem	4	thick clouds @ twilight
0162-0170.FLAT	8	11:32	6:03:31	27:41:50	300	90	3.0	#100 BGGem	4	
0171-0180.BIAS	0	11:35	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0181-0190.FLAT	16	11:41	6:03:31	27:41:50	300	90	3.0	#100 BGGem	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>Bir</i>	<i>Comments</i>
0191-0195.DARK	1200	13:03	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	22:50	17:39:03.0	31:30:14	300	90	3.0	#100 BGGem	4	
0002.DARK	900	22:50	17:54:14.0	31:30:12	300	90	3.0	#100 BGGem	4	
0003.DARK	900	22:50	18:09:22.0	31:30:10	300	90	3.0	#100 BGGem	4	
0004.DARK	900	22:50	18:24:33.0	31:30:08	300	90	3.0	#100 BGGem	4	
0005.DARK	900	22:50	18:39:44.0	31:30:06	300	90	3.0	#100 BGGem	4	
0006.DARK	900	22:50	18:54:51.0	31:30:04	300	90	3.0	#100 BGGem	4	
0007.DARK	900	22:50	19:10:03.0	31:30:01	300	90	3.0	#100 BGGem	4	
0008-0010.BIAS	0	0:43	19:17:38.0	31:30:01	300	90	3.0	#100 BGGem	4	
0011-0020.BIAS	0	0:46	19:20:28.0	31:30:00	300	90	3.0	#100 BGGem	4	
0021.FLAT	8	0:46	19:21:15.0	31:30:00	300	90	3.0	#100 BGGem	4	nice sunset; thin clouds
0022-0030.FLAT	8	0:49	19:23:38.0	31:30:00	300	90	3.0	#100 BGGem	4	
0031-0036.BIAS	0	0:51	19:25:35.0	31:30:00	300	90	3.0	#100 BGGem	2	
0037-0040.BIAS	0	0:52	19:26:28.0	31:29:59	300	90	3.0	#100 BGGem	2	
0041-0050.FLAT	16	0:57	19:32:05.0	31:29:59	300	90	3.0	#100 BGGem	2	
0051-0055.sky	2	0:59	19:33:41.0	31:29:59	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	0:59	19:34:16.0	31:29:59	300	90	3.0	#57 Velocity S	4	
0057.HD192281	5	0:59	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0058.HD192281	5	0:59	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0059.HD192281	5	0:59	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0060.COMP	5	0:59	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0061.HIP110849	1	0:59	22:27:26.5	+39:48:36	300	90	3.0	#89 Ae/Be Star	4	
0062.HIP110849	1	0:59	22:27:26.5	+39:48:36	300	90	3.0	#89 Ae/Be Star	4	
0063.HIP110849	1	0:59	22:27:26.5	+39:48:36	300	90	3.0	#89 Ae/Be Star	4	
0064.COMP	5	0:59	22:27:26.5	+39:48:36	300	90	3.0	#89 Ae/Be Star	4	
0065.HIP111104	5	0:59	22:30:29.2	+43:07:24	300	90	3.0	#89 Ae/Be Star	4	
0066.HIP111104	5	0:59	22:30:29.2	+43:07:24	300	90	3.0	#89 Ae/Be Star	4	
0067.HIP111104	5	0:59	22:30:29.2	+43:07:24	300	90	3.0	#89 Ae/Be Star	4	
0068.COMP	5	0:59	22:30:29.2	+43:07:24	300	90	3.0	#89 Ae/Be Star	4	
0069.HIP111080	5	0:59	22:30:12.3	+44:26:18	300	90	3.0	#89 Ae/Be Star	4	
0070.HIP111080	10	0:59	22:30:12.3	+44:26:18	300	90	3.0	#89 Ae/Be Star	4	
0071.HIP111080	10	0:59	22:30:12.3	+44:26:18	300	90	3.0	#89 Ae/Be Star	4	
0072.COMP	5	0:59	22:30:12.3	+44:26:18	300	90	3.0	#89 Ae/Be Star	4	
0073.HIP111139	10	0:59	22:30:54.4	+43:25:40	300	90	3.0	#89 Ae/Be Star	4	
0074.HIP111139	10	0:59	22:30:54.4	+43:25:40	300	90	3.0	#89 Ae/Be Star	4	
0075.HIP111139	10	0:59	22:30:54.4	+43:25:40	300	90	3.0	#89 Ae/Be Star	4	
0076.COMP	5	0:59	22:30:54.4	+43:25:40	300	90	3.0	#89 Ae/Be Star	4	
0077.HIP110953	15	0:59	22:28:47.6	+46:37:51	300	90	3.0	#89 Ae/Be Star	4	
0078.HIP110953	15	0:59	22:28:47.6	+46:37:51	300	90	3.0	#89 Ae/Be Star	4	
0079.HIP110953	15	0:59	22:28:47.6	+46:37:51	300	90	3.0	#89 Ae/Be Star	4	
0080.COMP	5	0:59	22:28:47.6	+46:37:51	300	90	3.0	#89 Ae/Be Star	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0081.HIP111038	15	0:59	22:29:42.6	+40:55:19	300	90	3.0	#89 Ae/Be Star	4	
0082.HIP111038	15	0:59	22:29:42.6	+40:55:19	300	90	3.0	#89 Ae/Be Star	4	
0083.HIP111038	20	0:59	22:29:42.6	+40:55:19	300	90	3.0	#89 Ae/Be Star	4	
0084.COMP	5	0:59	22:29:42.6	+40:55:19	300	90	3.0	#89 Ae/Be Star	4	
0085.HIP111292	20	0:59	22:32:43.0	+46:16:20	300	90	3.0	#89 Ae/Be Star	4	pec
0086.HIP111292	20	0:59	22:32:43.0	+46:16:20	300	90	3.0	#89 Ae/Be Star	4	
0087.HIP111292	30	0:59	22:32:43.0	+46:16:20	300	90	3.0	#89 Ae/Be Star	4	
0088.HIP111292	30	0:59	22:32:43.0	+46:16:20	300	90	3.0	#89 Ae/Be Star	4	
0089.COMP	5	0:59	22:32:43.0	+46:16:20	300	90	3.0	#89 Ae/Be Star	4	
0090.HIP111308	30	0:59	22:32:58.5	+37:34:32	300	90	3.0	#89 Ae/Be Star	4	just a few thin clouds left
0091.HIP111308	30	0:59	22:32:58.5	+37:34:32	300	90	3.0	#89 Ae/Be Star	4	
0092.COMP	5	0:59	22:32:58.5	+37:34:32	300	90	3.0	#89 Ae/Be Star	4	
0093.HIP111329	20	0:59	22:33:19.9	+42:23:41	300	90	3.0	#89 Ae/Be Star	4	
0094.HIP111329	20	0:59	22:33:19.9	+42:23:41	300	90	3.0	#89 Ae/Be Star	4	
0095.HIP111329	15	0:59	22:33:19.9	+42:23:41	300	90	3.0	#89 Ae/Be Star	4	
0096.COMP	5	0:59	22:33:19.9	+42:23:41	300	90	3.0	#89 Ae/Be Star	4	
0097.id1100	600	0:59	20:07:24.9	35:39:34	300	90	3.0	#115 PMS NGC68	4	good seeing
0098.id2727	600	0:59	19:59:28.3	35:09:43	300	90	3.0	#115 PMS NGC68	4	
0099.COMP	5	0:59	19:59:28.3	35:09:43	300	90	3.0	#115 PMS NGC68	4	
0100.id2933	600	0:59	19:58:08.3	35:13:58	300	90	3.0	#115 PMS NGC68	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0101.id1291	600	0:59	20:07:05.3	35:47:32	300	90	3.0	#115 PMS NGC68	4	
0102.COMP	5	0:59	20:07:05.3	35:47:32	300	90	3.0	#115 PMS NGC68	4	
0103.id1711	600	0:59	20:06:13.1	35:51:49	300	90	3.0	#115 PMS NGC68	4	
0104.id1995	600	0:59	20:05:41.6	35:43:34	300	90	3.0	#115 PMS NGC68	4	
0105.COMP	5	0:59	20:05:41.6	35:43:34	300	90	3.0	#115 PMS NGC68	4	
0106.BDp284211	60	0:59	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0107.BDp284211	60	0:59	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0108.COMP	10	0:59	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0109.id2304	600	0:59	20:04:56.5	35:51:55	300	90	3.0	#115 PMS NGC68	2	
0110.id2349	600	0:59	20:04:46.0	35:48:28	300	90	3.0	#115 PMS NGC68	2	
0111.COMP	10	0:59	20:04:46.0	35:48:28	300	90	3.0	#115 PMS NGC68	2	
0112.id2649	600	0:59	19:59:57.0	35:25:55	300	90	3.0	#115 PMS NGC68	4	
0113.id1466	600	0:59	20:06:45.7	35:37:52	300	90	3.0	#115 PMS NGC68	4	
0114.COMP	5	0:59	20:06:45.7	35:37:52	300	90	3.0	#115 PMS NGC68	4	
0115.id2146	600	0:59	20:05:20.6	35:47:52	300	90	3.0	#115 PMS NGC68	4	
0116.id2281	600	0:59	20:05:00.8	35:50:27	300	90	3.0	#115 PMS NGC68	4	
0117.COMP	5	0:59	20:05:00.8	35:50:27	300	90	3.0	#115 PMS NGC68	4	
0118.id2294	600	0:59	20:04:58.4	35:54:11	300	90	3.0	#115 PMS NGC68	4	
0119.id2778	600	0:59	19:59:08.7	35:20:59	300	90	3.0	#115 PMS NGC68	4	
0120.COMP	5	0:59	19:59:08.7	35:20:59	300	90	3.0	#115 PMS NGC68	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0121.id1409	600	0:59	20:06:53.6	35:35:30	300	90	3.0	#115 PMS NGC68	4	
0122.id1434	600	0:59	20:06:50.0	35:42:35	300	90	3.0	#115 PMS NGC68	4	
0123.COMP	5	0:59	20:06:50.0	35:42:35	300	90	3.0	#115 PMS NGC68	4	
0124.Feige110	150	0:59	23:17:23.5	-05:26:22	300	7	3.0	#56 Spectropho	2	
0125.COMP	10	0:59	23:17:23.5	-05:26:22	300	7	3.0	#56 Spectropho	2	
0126.tr37.2.4-1949	720	0:59	21:39:22.7	57:40:54	300	90	3.0	#89 Ae/Be Star	4	not marked as observed, but in fact it was on the 18th
0127.COMP	5	0:59	21:39:22.7	57:40:54	300	90	3.0	#89 Ae/Be Star	4	
0128.tr37.1.1-2031	720	0:59	21:37:15.9	57:26:59	300	90	3.0	#89 Ae/Be Star	4	
0129.COMP	5	0:59	21:37:15.9	57:26:59	300	90	3.0	#89 Ae/Be Star	4	
0130.ngcsh.3-301	600	0:59	21:55:16.7	62:39:29	300	90	3.0	#89 Ae/Be Star	4	
0131.COMP	5	0:59	21:55:16.7	62:39:29	300	90	3.0	#89 Ae/Be Star	4	
0132.HD217086	5	0:59	22:54:49.0	62:27:35	300	90	3.0	#56 Spectropho	4	
0133.HD217086	5	0:59	22:54:49.0	62:27:35	300	90	3.0	#56 Spectropho	4	
0134.HD217086	5	0:59	22:54:49.0	62:27:35	300	90	3.0	#56 Spectropho	4	
0135.COMP	5	0:59	22:54:49.0	62:27:35	300	90	3.0	#56 Spectropho	4	
0136.ZAnd	1	0:59	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0137.ZAnd	3	0:59	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0138.ZAnd	5	0:59	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0139.ZAnd	15	0:59	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0140.COMP	5	0:59	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0141.a168_172	480	0:59	01:17:44.5	-2:06:05	300	90	3.0	#64 Cluster In	4	
0142.COMP	5	0:59	01:17:44.5	-2:06:05	300	90	3.0	#64 Cluster In	4	
0143.a168_169	1200	0:59	01:14:34.5	1:39:00	300	90	3.0	#64 Cluster In	4	
0144.COMP	5	0:59	01:14:34.5	1:39:00	300	90	3.0	#64 Cluster In	4	
0145.a168_173	900	0:59	01:12:44.8	0:39:35	300	90	3.0	#64 Cluster In	4	
0146.COMP	5	0:59	01:12:44.8	0:39:35	300	90	3.0	#64 Cluster In	4	
0147.a168_175	420	0:59	01:12:52.0	0:10:45	300	90	3.0	#64 Cluster In	4	
0148.COMP	5	0:59	01:12:52.0	0:10:45	300	90	3.0	#64 Cluster In	4	
0149.a168_176	420	0:59	01:19:06.9	-1:15:53	300	90	3.0	#64 Cluster In	4	
0150.COMP	5	0:59	01:19:06.9	-1:15:53	300	90	3.0	#64 Cluster In	4	
0151.sn2001eh	1200	0:59	01:38:12.1	41:39:18	300	0	3.0	#2 SN Observat	2	
0152.COMP	10	0:59	01:38:12.1	41:39:18	300	0	3.0	#2 SN Observat	2	
0153.sn2001fa	1200	0:59	01:48:22.2	+11:31:34	300	7	3.0	#2 SN Observat	2	
0154.COMP	10	0:59	01:48:22.2	+11:31:34	300	7	3.0	#2 SN Observat	2	
0155.IRAS_02208p4744	1200	0:59	02:24:07.6	+47:58:09	300	0	3.0	#124 COLA	2	
0156.COMP	10	0:59	02:24:07.6	+47:58:09	300	0	3.0	#124 COLA	2	
0157.NGC_1050	1200	0:59	02:42:35.5	+34:45:47	300	0	3.0	#124 COLA	2	
0158.COMP	10	0:59	02:42:35.5	+34:45:47	300	0	3.0	#124 COLA	2	
0159.IRAS_0256p3637	1200	0:59	02:59:58.6	+36:49:14	300	0	3.0	#124 COLA	2	
0160.COMP	10	0:59	02:59:58.6	+36:49:14	300	0	3.0	#124 COLA	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0161.NGC_1275	900	0:59	03:19:48.1	+41:30:42	300	0	3.0	#124 COLA	2	wow. wr gal
0162.COMP	10	0:59	03:19:48.1	+41:30:42	300	0	3.0	#124 COLA	2	
0163.a496_319	600	0:59	04:24:49.4	-09:15:15	300	0	3.0	#64 Cluster In	4	
0164.COMP	5	0:59	04:24:49.4	-09:15:15	300	0	3.0	#64 Cluster In	4	
0165.a496_322	720	0:59	04:34:00.7	-18:03:54	300	0	3.0	#64 Cluster In	4	
0166.COMP	5	0:59	04:34:00.7	-18:03:54	300	0	3.0	#64 Cluster In	4	
0167.a496_325	900	0:59	04:24:59.0	-09:41:07	300	0	3.0	#64 Cluster In	4	
0168.COMP	5	0:59	04:24:59.0	-09:41:07	300	0	3.0	#64 Cluster In	4	
0169.a496_326	720	0:59	04:50:46.3	-15:04:36	300	0	3.0	#64 Cluster In	4	
0170.COMP	5	0:59	04:50:46.3	-15:04:36	300	0	3.0	#64 Cluster In	4	
0171.a496_327	300	0:59	04:15:18.6	-11:37:39	300	0	3.0	#64 Cluster In	4	
0172.COMP	5	0:59	04:15:18.6	-11:37:39	300	0	3.0	#64 Cluster In	4	
0173.sn2001ep	1200	0:59	04:57:00.2	-04:45:40	300	0	3.0	#2 SN Observat	2	
0174.COMP	10	0:59	04:57:00.2	-04:45:40	300	0	3.0	#2 SN Observat	2	
0175.a496_328	360	0:59	04:20:31.0	-09:43:34	300	0	3.0	#64 Cluster In	4	
0176.COMP	5	0:59	04:20:31.0	-09:43:34	300	0	3.0	#64 Cluster In	4	
0177.a496_331	420	0:59	04:46:02.5	-16:19:22	300	0	3.0	#64 Cluster In	4	
0178.COMP	5	0:59	04:46:02.5	-16:19:22	300	0	3.0	#64 Cluster In	4	
0179.a496_333	720	0:59	04:19:01.3	-12:53:56	300	0	3.0	#64 Cluster In	4	
0180.COMP	5	0:59	04:19:01.3	-12:53:56	300	0	3.0	#64 Cluster In	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0181.a496_334	480	0:59	04:26:42.5	-16:52:59	300	0	3.0	#64 Cluster In	4	weak; redone as file 183
0182.COMP	5	0:59	04:26:42.5	-16:52:59	300	0	3.0	#64 Cluster In	4	
0183.a496_334	600	0:59	04:26:42.5	-16:52:59	300	0	3.0	#64 Cluster In	4	ok
0184.a496_337	600	0:59	04:50:56.1	-11:49:06	300	0	3.0	#64 Cluster In	4	
0185.COMP	5	0:59	04:50:56.1	-11:49:06	300	0	3.0	#64 Cluster In	4	
0186.a496_338	420	0:59	04:51:34.7	-14:05:08	300	0	3.0	#64 Cluster In	4	
0187.COMP	5	0:59	04:51:34.7	-14:05:08	300	0	3.0	#64 Cluster In	4	zodiacal light is very bright!
0188.ch0622p00	5	0:59	06:22:59.4	-00:26:47	300	0	3.0	#129 CHAMP Sou	4	
0189.ch0622p00	10	0:59	06:22:59.4	-00:26:47	300	0	3.0	#129 CHAMP Sou	4	
0190.ch0622p00	10	0:59	06:22:59.4	-00:26:47	300	0	3.0	#129 CHAMP Sou	4	
0191.COMP	5	0:59	06:22:59.4	-00:26:47	300	0	3.0	#129 CHAMP Sou	4	
0192.BGGem	1200	0:59	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0193.BGGem	300	0:59	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0194.COMP	10	0:59	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0195.Hiltner600	60	0:59	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0196.Hiltner600	60	0:59	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0197.COMP	10	0:59	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0198.NGC1700	120	0:59	04:56:58.1	-04:52:22	300	0	3.0	#57 Velocity S	2	
0199.COMP	10	0:59	04:56:58.1	-04:52:22	300	0	3.0	#57 Velocity S	2	
0200.Akn120	180	0:59	05:13:38.0	-00:12:15	300	35	3.0	#6 AGN Monitor	4	

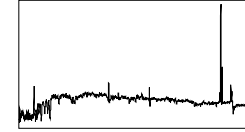


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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0201.COMP	5	0:59	05:13:38.0	-00:12:15	300	35	3.0	#6 AGN Monitor	4	
0202.MRK110	360	0:59	09:25:12.9	+52:17:10	300	65	3.0	#6 AGN Monitor	2	
0203.COMP	5	0:59	09:25:12.9	+52:17:10	300	65	3.0	#6 AGN Monitor	2	
0204.HD52971	4	0:59	06:57:51	+27:13:42	300	65	3.0	#57 Velocity S	4	
0205.HD52971	4	0:59	06:57:51	+27:13:42	300	65	3.0	#57 Velocity S	4	
0206.HD52971	4	0:59	06:57:51	+27:13:42	300	65	3.0	#57 Velocity S	4	
0207.COMP	5	0:59	06:57:51	+27:13:42	300	65	3.0	#57 Velocity S	4	
0208-0217.BIAS	0	12:37	06:57:51	+27:13:42	300	65	3.0	#6 AGN Monitor	4	
0218.FLAT	8	12:37	06:57:51	+27:13:42	300	65	3.0	#6 AGN Monitor	4	clear @ dawn
0219-0227.FLAT	8	12:40	06:57:51	+27:13:42	300	65	3.0	#6 AGN Monitor	4	
0228-0237.BIAS	0	12:43	06:57:51	+27:13:42	300	65	3.0	#6 AGN Monitor	2	
0238-0247.FLAT	16	12:47	06:57:51	+27:13:42	300	65	3.0	#6 AGN Monitor	2	
0248-0252.DARK	1200	14:09	06:57:51	+27:13:42	300	65	3.0	#6 AGN Monitor	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.DARK	900	0:19	06:57:51	+27:13:42	300	65	3.0	#6 AGN Monitor	4	
0011-0020.BIAS	0	0:35	06:57:51	+27:13:42	300	65	3.0	#6 AGN Monitor	4	
0021.FLAT	8	0:35	06:57:51	+27:13:42	300	65	3.0	#6 AGN Monitor	4	thick clouds @ sunset
0022-0030.FLAT	8	0:39	06:57:51	+27:13:42	300	65	3.0	#6 AGN Monitor	4	
0031-0040.BIAS	0	0:41	06:57:51	+27:13:42	300	65	3.0	#6 AGN Monitor	2	
0041-0050.FLAT	16	0:47	06:57:51	+27:13:42	300	65	3.0	#6 AGN Monitor	2	
0051-0055.sky	2	0:58	19:35:00	32:00:00	300	65	3.0	#57 Velocity S	4	
0056.COMP	5	0:58	19:35:00	32:00:00	300	65	3.0	#57 Velocity S	4	
0057.HD192281	6	0:58	20:10:46.8	40:07:01	300	65	3.0	#56 Spectropho	4	
0058.HD192281	6	0:58	20:10:46.8	40:07:01	300	65	3.0	#56 Spectropho	4	
0059.HD192281	6	0:58	20:10:46.8	40:07:01	300	65	3.0	#56 Spectropho	4	
0060.HD192281	12	0:58	20:10:46.8	40:07:01	300	65	3.0	#56 Spectropho	4	
0061.COMP	5	0:58	20:10:46.8	40:07:01	300	65	3.0	#56 Spectropho	4	
0062.HIP111337	10	0:58	22:33:23.4	+39:34:30	300	65	3.0	#89 Ae/Be Star	4	
0063.HIP111337	10	0:58	22:33:23.4	+39:34:30	300	65	3.0	#89 Ae/Be Star	4	
0064.HIP111337	20	0:58	22:33:23.4	+39:34:30	300	65	3.0	#89 Ae/Be Star	4	
0065.COMP	5	0:58	22:33:23.4	+39:34:30	300	65	3.0	#89 Ae/Be Star	4	
0066.HIP111340	30	0:58	22:33:25.0	+46:51:27	300	65	3.0	#89 Ae/Be Star	4	
0067.HIP111340	30	0:58	22:33:25.0	+46:51:27	300	65	3.0	#89 Ae/Be Star	4	
0068.COMP	5	0:58	22:33:25.0	+46:51:27	300	65	3.0	#89 Ae/Be Star	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0069.HIP111375	30	0:58	22:33:48.1	+41:40:27	300	65	3.0	#89 Ae/Be Star	4	
0070.HIP111375	60	0:58	22:33:48.1	+41:40:27	300	65	3.0	#89 Ae/Be Star	4	
0071.COMP	5	0:58	22:33:48.1	+41:40:27	300	65	3.0	#89 Ae/Be Star	4	
0072.HIP111429	3	0:58	22:34:30.1	+40:46:29	300	65	3.0	#89 Ae/Be Star	4	
0073.HIP111429	3	0:58	22:34:30.1	+40:46:29	300	65	3.0	#89 Ae/Be Star	4	
0074.HIP111429	6	0:58	22:34:30.1	+40:46:29	300	65	3.0	#89 Ae/Be Star	4	
0075.COMP	5	0:58	22:34:30.1	+40:46:29	300	65	3.0	#89 Ae/Be Star	4	
0076.HIP111491	8	0:58	22:35:18.1	+43:40:51	300	65	3.0	#89 Ae/Be Star	4	
0077.HIP111491	8	0:58	22:35:18.1	+43:40:51	300	65	3.0	#89 Ae/Be Star	4	
0078.HIP111491	12	0:58	22:35:18.1	+43:40:51	300	65	3.0	#89 Ae/Be Star	4	
0079.COMP	5	0:58	22:35:18.1	+43:40:51	300	65	3.0	#89 Ae/Be Star	4	
0080.HIP111546	4	0:58	22:35:52.2	+39:38:03	300	65	3.0	#89 Ae/Be Star	4	
0081.HIP111546	4	0:58	22:35:52.2	+39:38:03	300	65	3.0	#89 Ae/Be Star	4	
0082.HIP111546	2	0:58	22:35:52.2	+39:38:03	300	65	3.0	#89 Ae/Be Star	4	
0083.HIP111546	2	0:58	22:35:52.2	+39:38:03	300	65	3.0	#89 Ae/Be Star	4	
0084.COMP	5	0:58	22:35:52.2	+39:38:03	300	65	3.0	#89 Ae/Be Star	4	
0085.HIP112031	2	0:58	22:41:28.6	+40:13:31	300	65	3.0	#89 Ae/Be Star	4	
0086.HIP112031	2	0:58	22:41:28.6	+40:13:31	300	65	3.0	#89 Ae/Be Star	4	
0087.HIP112031	1	0:58	22:41:28.6	+40:13:31	300	65	3.0	#89 Ae/Be Star	4	
0088.COMP	5	0:58	22:41:28.6	+40:13:31	300	65	3.0	#89 Ae/Be Star	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0089.HIP112144	2	0:58	22:42:55.4	+37:48:09	300	65	3.0	#89 Ae/Be Star	4	
0090.HIP112144	2	0:58	22:42:55.4	+37:48:09	300	65	3.0	#89 Ae/Be Star	4	
0091.HIP112144	2	0:58	22:42:55.4	+37:48:09	300	65	3.0	#89 Ae/Be Star	4	
0092.COMP	5	0:58	22:42:55.4	+37:48:09	300	65	3.0	#89 Ae/Be Star	4	
0093.HIP113281	2	0:58	22:56:23.6	+41:36:14	300	65	3.0	#89 Ae/Be Star	4	
0094.HIP113281	1	0:58	22:56:23.6	+41:36:14	300	65	3.0	#89 Ae/Be Star	4	
0095.HIP113281	1	0:58	22:56:23.6	+41:36:14	300	65	3.0	#89 Ae/Be Star	4	
0096.COMP	5	0:58	22:56:23.6	+41:36:14	300	65	3.0	#89 Ae/Be Star	4	
0097.HIP113371	2	0:58	22:57:40.7	+39:18:31	300	65	3.0	#89 Ae/Be Star	4	
0098.HIP113371	2	0:58	22:57:40.7	+39:18:31	300	65	3.0	#89 Ae/Be Star	4	
0099.HIP113371	1	0:58	22:57:40.7	+39:18:31	300	65	3.0	#89 Ae/Be Star	4	
0100.COMP	5	0:58	22:57:40.7	+39:18:31	300	65	3.0	#89 Ae/Be Star	4	
0101.HIP111552	45	0:58	22:35:54.4	+43:41:26	300	65	3.0	#89 Ae/Be Star	4	
0102.HIP111552	30	0:58	22:35:54.4	+43:41:26	300	65	3.0	#89 Ae/Be Star	4	
0103.COMP	5	0:58	22:35:54.4	+43:41:26	300	65	3.0	#89 Ae/Be Star	4	
0104.HIP111576	10	0:58	22:36:16.6	+40:05:19	300	65	3.0	#89 Ae/Be Star	4	
0105.HIP111576	10	0:58	22:36:16.6	+40:05:19	300	65	3.0	#89 Ae/Be Star	4	
0106.HIP111576	10	0:58	22:36:16.6	+40:05:19	300	65	3.0	#89 Ae/Be Star	4	
0107.COMP	5	0:58	22:36:16.6	+40:05:19	300	65	3.0	#89 Ae/Be Star	4	
0108.HIP111589	5	0:58	22:36:22.3	+37:50:32	300	65	3.0	#89 Ae/Be Star	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0109.HIP111589	4	0:58	22:36:22.3	+37:50:32	300	65	3.0	#89 Ae/Be Star	4	
0110.HIP111589	4	0:58	22:36:22.3	+37:50:32	300	65	3.0	#89 Ae/Be Star	4	
0111.COMP	5	0:58	22:36:22.3	+37:50:32	300	65	3.0	#89 Ae/Be Star	4	
0112.HIP111591	60	0:58	22:36:25.0	+46:55:39	300	65	3.0	#89 Ae/Be Star	4	clouds thinning a bit, but still all over
0113.HIP111591	60	0:58	22:36:25.0	+46:55:39	300	65	3.0	#89 Ae/Be Star	4	
0114.COMP	5	0:58	22:36:25.0	+46:55:39	300	65	3.0	#89 Ae/Be Star	4	
0115.HIP111683	6	0:58	22:37:28.7	+39:26:20	300	65	3.0	#89 Ae/Be Star	4	
0116.HIP111683	6	0:58	22:37:28.7	+39:26:20	300	65	3.0	#89 Ae/Be Star	4	
0117.HIP111683	6	0:58	22:37:28.7	+39:26:20	300	65	3.0	#89 Ae/Be Star	4	
0118.COMP	5	0:58	22:37:28.7	+39:26:20	300	65	3.0	#89 Ae/Be Star	4	
0119.id1668	600	0:58	20:06:18.0	35:54:54	300	65	3.0	#115 PMS NGC68	4	
0120.id2196	600	0:58	20:05:13.6	35:38:20	300	90	3.0	#115 PMS NGC68	4	
0121.COMP	5	0:58	20:05:13.6	35:38:20	300	90	3.0	#115 PMS NGC68	4	
0122.id2862	720	0:58	19:58:41.4	35:08:29	300	90	3.0	#115 PMS NGC68	4	
0123.id90	720	0:58	20:06:04.2	35:47:56	300	90	3.0	#115 PMS NGC68	4	
0124.COMP	5	0:58	20:06:04.2	35:47:56	300	90	3.0	#115 PMS NGC68	4	
0125.id1273	720	0:58	20:07:06.8	35:49:30	300	90	3.0	#115 PMS NGC68	4	
0126.id1476	720	0:58	20:06:44.8	35:42:26	300	90	3.0	#115 PMS NGC68	4	
0127.COMP	5	0:58	20:06:44.8	35:42:26	300	90	3.0	#115 PMS NGC68	4	
0128.id1958	720	0:58	20:05:47.9	35:41:31	300	90	3.0	#115 PMS NGC68	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0129.id1237	720	0:58	20:07:12.1	35:47:01	300	90	3.0	#115 PMS NGC68	4	pretty murky skies out there
0130.COMP	5	0:58	20:07:12.1	35:47:01	300	90	3.0	#115 PMS NGC68	4	
0131.id1242	720	0:58	20:07:11.8	35:53:04	300	90	3.0	#115 PMS NGC68	2	ignore fainter comp to east
0132.id1354	720	0:58	20:06:58.6	35:40:10	300	90	3.0	#115 PMS NGC68	2	
0133.COMP	10	0:58	20:06:58.6	35:40:10	300	90	3.0	#115 PMS NGC68	2	
0134.id1555	900	0:58	20:06:31.3	35:46:22	300	90	3.0	#115 PMS NGC68	4	
0135.COMP	5	0:58	20:06:31.3	35:46:22	300	90	3.0	#115 PMS NGC68	4	
0136.BDp284211	90	0:58	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0137.BDp284211	90	0:58	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0138.COMP	10	0:58	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0139.ZAnd	2	0:58	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0140.ZAnd	4	0:58	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0141.ZAnd	8	0:58	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0142.ZAnd	16	0:58	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0143.ZAnd	32	0:58	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0144.COMP	5	0:58	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0145.ngcsh.4-364	900	0:58	21:53:27.8	62:39:58	300	90	3.0	#89 Ae/Be Star	4	
0146.COMP	5	0:58	21:53:27.8	62:39:58	300	90	3.0	#89 Ae/Be Star	4	
0147.ngcsh.2-592	900	0:58	21:54:08.6	62:30:14	300	90	3.0	#89 Ae/Be Star	4	
0148.COMP	5	0:58	21:54:08.6	62:30:14	300	90	3.0	#89 Ae/Be Star	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0149.ngcsh.4-801	900	0:58	21:52:29.1	62:44:12	300	90	3.0	#89 Ae/Be Star	4	
0150.COMP	5	0:58	21:52:29.1	62:44:12	300	90	3.0	#89 Ae/Be Star	4	
0151.ngcsh.3-938	900	0:58	21:55:18.1	62:45:56	300	90	3.0	#89 Ae/Be Star	4	
0152.COMP	5	0:58	21:55:18.1	62:45:56	300	90	3.0	#89 Ae/Be Star	4	
0153.ngcsh.2-804	900	0:58	21:55:14.3	62:32:24	300	90	3.0	#89 Ae/Be Star	4	
0154.COMP	5	0:58	21:55:14.3	62:32:24	300	90	3.0	#89 Ae/Be Star	4	
0155.ngcsh.4-396	900	0:58	21:53:32.3	62:40:16	300	90	3.0	#89 Ae/Be Star	4	
0156.COMP	5	0:58	21:53:32.3	62:40:16	300	90	3.0	#89 Ae/Be Star	4	
0157.HD217086	6	0:58	22:54:49.0	62:27:35	300	90	3.0	#56 Spectropho	4	
0158.HD217086	6	0:58	22:54:49.0	62:27:35	300	90	3.0	#56 Spectropho	4	
0159.HD217086	6	0:58	22:54:49.0	62:27:35	300	90	3.0	#56 Spectropho	4	
0160.COMP	5	0:58	22:54:49.0	62:27:35	300	90	3.0	#56 Spectropho	4	
0161.sn2001en	1200	0:58	01:25:22.9	+34:01:30	300	0	3.0	#2 SN Observat	2	just a few thin clouds
0162.COMP	10	0:58	01:25:22.9	+34:01:30	300	0	3.0	#2 SN Observat	2	
0163.2M002024.9p101522	300	0:58	00:20:24.9	+10:15:22	300	90	3.0	#68 2MASS Reds	4	
0164.COMP	5	0:58	00:20:24.9	+10:15:22	300	90	3.0	#68 2MASS Reds	4	
0165.2M003619.6p531040	300	0:58	00:36:19.6	+53:10:40	300	90	3.0	#68 2MASS Reds	4	
0166.COMP	5	0:58	00:36:19.6	+53:10:40	300	90	3.0	#68 2MASS Reds	4	
0167.2M004515.3p553458	720	0:58	00:45:15.3	+55:34:58	300	90	3.0	#68 2MASS Reds	4	
0168.COMP	5	0:58	00:45:15.3	+55:34:58	300	90	3.0	#68 2MASS Reds	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0169.sn2001fa	1200	0:58	01:48:22.2	+11:31:34	300	17	3.0	#2 SN Observat	2	
0170.COMP	10	0:58	01:48:22.2	+11:31:34	300	17	3.0	#2 SN Observat	2	
0171.2M004846.4p560928	600	0:58	00:48:46.4	+56:09:28	300	90	3.0	#68 2MASS Reds	4	
0172.COMP	5	0:58	00:48:46.4	+56:09:28	300	90	3.0	#68 2MASS Reds	4	
0173.2M005840.2p610446	240	0:58	00:58:40.2	+61:04:46	300	90	3.0	#68 2MASS Reds	4	fuzz
0174.2M005840.2p610446	240	0:58	00:58:40.2	+61:04:46	300	90	3.0	#68 2MASS Reds	4	compact part
0175.COMP	5	0:58	00:58:40.2	+61:04:46	300	90	3.0	#68 2MASS Reds	4	
0176.2M005454.6p800640	360	0:58	00:54:54.6	+80:06:40	300	90	3.0	#68 2MASS Reds	4	
0177.COMP	5	0:58	00:54:54.6	+80:06:40	300	90	3.0	#68 2MASS Reds	4	
0178.5vso-21906	420	0:58	05:01:44.2	-00:38:55	300	0	3.0	#112 Orion PMS	4	
0179.6vso-21925	420	0:58	05:01:46.6	-00:47:35	300	0	3.0	#112 Orion PMS	4	
0180.COMP	5	0:58	05:01:46.6	-00:47:35	300	0	3.0	#112 Orion PMS	4	
0181.7vso-22584	420	0:58	05:03:01.4	-00:51:31	300	0	3.0	#112 Orion PMS	4	pretty good sky
0182.8vso-22665	420	0:58	05:03:09.6	-00:59:47	300	0	3.0	#112 Orion PMS	4	
0183.COMP	5	0:58	05:03:09.6	-00:59:47	300	0	3.0	#112 Orion PMS	4	
0184.9vso-22719	420	0:58	05:03:16.8	-00:35:21	300	0	3.0	#112 Orion PMS	4	
0185.11vso-24968	420	0:58	05:07:17.3	-00:45:17	300	0	3.0	#112 Orion PMS	4	
0186.COMP	5	0:58	05:07:17.3	-00:45:17	300	0	3.0	#112 Orion PMS	4	
0187.12vso-25238	420	0:58	05:07:44.6	-00:56:08	300	0	3.0	#112 Orion PMS	4	
0188.13vso-25877	420	0:58	05:08:50.7	-00:56:17	300	0	3.0	#112 Orion PMS	4	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0189.COMP	5	0:58	05:08:50.7	-00:56:17	300	0	3.0	#112 Orion PMS	4	
0190.14vso-27038	420	0:58	05:10:34.9	-00:45:26	300	0	3.0	#112 Orion PMS	4	
0191.15vso-27134	420	0:58	05:10:42.3	-00:44:40	300	0	3.0	#112 Orion PMS	4	
0192.COMP	5	0:58	05:10:42.3	-00:44:40	300	0	3.0	#112 Orion PMS	4	
0193.16vso-27387	300	0:58	05:11:04.9	-00:36:22	300	0	3.0	#112 Orion PMS	4	
0194.17vso-27557	300	0:58	05:11:23.2	-00:31:14	300	0	3.0	#112 Orion PMS	4	
0195.COMP	5	0:58	05:11:23.2	-00:31:14	300	0	3.0	#112 Orion PMS	4	
0196.18vso-27572	300	0:58	05:11:24.7	-00:42:48	300	0	3.0	#112 Orion PMS	4	
0197.19vso-27869	300	0:58	05:11:53.0	-00:50:32	300	0	3.0	#112 Orion PMS	4	
0198.COMP	5	0:58	05:11:53.0	-00:50:32	300	0	3.0	#112 Orion PMS	4	
0199.HZ14	360	0:58	04:38:15.6	10:53:57	300	0	3.0	#56 Spectropho	2	
0200.COMP	10	0:58	04:38:15.6	10:53:57	300	0	3.0	#56 Spectropho	2	
0201.sn2001ep	1200	0:58	04:57:00.2	-04:45:40	300	0	3.0	#2 SN Observat	2	
0202.COMP	10	0:58	04:57:00.2	-04:45:40	300	0	3.0	#2 SN Observat	2	
0203.20vso-27936	300	0:58	05:11:58.4	-00:36:56	300	0	3.0	#112 Orion PMS	2	
0204.21vso-27960	300	0:58	05:12:00.0	-00:52:05	300	0	3.0	#112 Orion PMS	2	
0205.COMP	10	0:58	05:12:00.0	-00:52:05	300	0	3.0	#112 Orion PMS	2	
0206.Akn120	180	0:58	05:13:38.0	-00:12:15	300	0	3.0	#6 AGN Monitor	4	
0207.COMP	5	0:58	05:13:38.0	-00:12:15	300	0	3.0	#6 AGN Monitor	4	
0208.22vso-28066	300	0:58	05:12:10.2	-00:41:15	300	0	3.0	#112 Orion PMS	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0209.23vso-29364	300	0:58	05:14:08.8	-00:52:08	300	0	3.0	#112 Orion PMS	4	
0210.COMP	5	0:58	05:14:08.8	-00:52:08	300	0	3.0	#112 Orion PMS	4	
0211.24vso-29463	300	0:58	05:14:16.9	-00:50:54	300	0	3.0	#112 Orion PMS	4	
0212.25vso-29664	300	0:58	05:14:34.1	-00:37:50	300	0	3.0	#112 Orion PMS	4	
0213.COMP	5	0:58	05:14:34.1	-00:37:50	300	0	3.0	#112 Orion PMS	4	
0214.26vso-29834	300	0:58	05:14:49.5	-00:46:08	300	0	3.0	#112 Orion PMS	4	
0215.27vso-30445	300	0:58	05:15:44.4	-00:50:38	300	0	3.0	#112 Orion PMS	4	
0216.COMP	5	0:58	05:15:44.4	-00:50:38	300	0	3.0	#112 Orion PMS	4	
0217.28vso-30768	300	0:58	05:16:11.9	-00:44:53	300	0	3.0	#112 Orion PMS	4	
0218.29vso-31539	300	0:58	05:17:12.6	-00:44:53	300	0	3.0	#112 Orion PMS	4	
0219.COMP	5	0:58	05:17:12.6	-00:44:53	300	0	3.0	#112 Orion PMS	4	
0220.30vso-31673	300	0:58	05:17:24.1	-00:49:33	300	0	3.0	#112 Orion PMS	4	
0221.31vso-31871	300	0:58	05:17:41.0	-00:35:58	300	0	3.0	#112 Orion PMS	4	
0222.COMP	5	0:58	05:17:41.0	-00:35:58	300	0	3.0	#112 Orion PMS	4	
0223.BGGem	1200	0:58	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0224.BGGem	300	0:58	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0225.COMP	10	0:58	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0226.120vso-56017	360	0:58	05:50:03.8	-00:48:07	300	90	3.0	#112 Orion PMS	4	
0227.121vso-56065	360	0:58	05:50:08.6	-00:43:10	300	90	3.0	#112 Orion PMS	4	
0228.COMP	5	0:58	05:50:08.6	-00:43:10	300	90	3.0	#112 Orion PMS	4	more clouds moving in

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0229.122vso-56307	300	0:58	05:50:33.9	-00:37:26	300	90	3.0	#112 Orion PMS	4	
0230.123vso-56469	300	0:58	05:50:49.6	-00:38:06	300	90	3.0	#112 Orion PMS	4	
0231.COMP	5	0:58	05:50:49.6	-00:38:06	300	90	3.0	#112 Orion PMS	4	
0232.Hiltner600	60	0:58	06:42:37.2	02:11:25	300	14	3.0	#56 Spectropho	2	
0233.Hiltner600	60	0:58	06:42:37.2	02:11:25	300	14	3.0	#56 Spectropho	2	
0234.COMP	10	0:58	06:42:37.2	02:11:25	300	14	3.0	#56 Spectropho	2	
0235.AGK2p14783	3	0:58	07:17:47	+14:59:38	300	90	3.0	#57 Velocity S	4	
0236.AGK2p14783	3	0:58	07:17:47	+14:59:38	300	90	3.0	#57 Velocity S	4	
0237.AGK2p14783	6	0:58	07:17:47	+14:59:38	300	90	3.0	#57 Velocity S	4	
0238.COMP	5	0:58	07:17:47	+14:59:38	300	90	3.0	#57 Velocity S	4	ciao Susan!!
0239-0248.BIAS	0	12:43	07:17:47	+14:59:38	300	90	3.0	#57 Velocity S	4	
0249-0258.FLAT	8	12:46	07:17:47	+14:59:38	300	90	3.0	#57 Velocity S	4	
0259-0268.BIAS	0	12:49	07:17:47	+14:59:38	300	90	3.0	#57 Velocity S	2	
0269-0278.FLAT	16	12:54	07:17:47	+14:59:38	300	90	3.0	#57 Velocity S	2	
0279-0283.DARK	1200	14:15	07:17:47	+14:59:38	300	90	3.0	#57 Velocity S	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	0:52	19:49:46.0	31:29:57	300	90	3.0	#57 Velocity S	4	
0002.DARK	900	0:52	20:04:58.0	31:29:55	300	90	3.0	#57 Velocity S	4	
0003.DARK	900	0:52	20:20:10.0	31:29:53	300	90	3.0	#57 Velocity S	4	
0004-0013.BIAS	0	1:40	20:22:19.0	31:29:53	300	90	3.0	#57 Velocity S	4	
0014-0023.FLAT	6	1:43	20:25:33.0	31:29:53	300	90	3.0	#57 Velocity S	4	
0024-0031.BIAS	0	1:45	20:28:03.0	31:29:53	300	90	3.0	#57 Velocity S	2	
0032-0033.BIAS	0	1:46	20:28:37.0	31:29:52	300	90	3.0	#57 Velocity S	2	
0034-0043.FLAT	12	1:51	20:33:28.0	31:29:52	300	90	3.0	#57 Velocity S	2	
0044.BDp284211	40	1:51	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0045.BDp284211	40	1:51	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0046.COMP	5	1:51	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0047.BDp284211	40	1:51	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0048.BDp284211	40	1:51	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0049.COMP	12	1:51	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0050.BDp284211	40	1:51	21:48:57.1	28:37:48	300	106	3.0	#56 Spectropho	2	
0051.BDp284211	40	1:51	21:48:57.1	28:37:48	300	106	3.0	#56 Spectropho	2	
0052.COMP	12	1:51	21:48:57.1	28:37:48	300	106	3.0	#56 Spectropho	2	
0053.MRK509	180	1:51	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0054.MRK509	180	1:51	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0055.COMP	12	1:51	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0056.Akn564	240	1:51	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0057.Akn564	240	1:51	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0058.COMP	12	1:51	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0059.N7469	210	1:51	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	row=80
0060.N7469	210	1:51	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0061.COMP	12	1:51	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0062.id1955	600	1:51	20:05:48.1	35:53:59	300	90	3.0	#115 PMS NGC68	2	row=83
0063.COMP	12	1:51	20:05:48.1	35:53:59	300	90	3.0	#115 PMS NGC68	2	
0064.id2334	540	1:51	20:04:48.7	35:56:46	300	90	3.0	#115 PMS NGC68	2	
0065.COMP	12	1:51	20:04:48.7	35:56:46	300	90	3.0	#115 PMS NGC68	2	
0066.id1044	480	1:51	20:07:30.7	35:46:14	300	90	3.0	#115 PMS NGC68	2	
0067.COMP	12	1:51	20:07:30.7	35:46:14	300	90	3.0	#115 PMS NGC68	2	
0068.id1313	300	1:51	20:07:03.4	35:44:59	300	90	3.0	#115 PMS NGC68	2	
0069.COMP	12	1:51	20:07:03.4	35:44:59	300	90	3.0	#115 PMS NGC68	2	
0070.id1496	360	1:51	20:06:42.4	35:53:36	300	90	3.0	#115 PMS NGC68	2	
0071.COMP	12	1:51	20:06:42.4	35:53:36	300	90	3.0	#115 PMS NGC68	2	
0072.id1766	420	1:51	20:06:06.3	35:56:13	300	90	3.0	#115 PMS NGC68	2	
0073.COMP	12	1:51	20:06:06.3	35:56:13	300	90	3.0	#115 PMS NGC68	2	
0074.id2364	360	1:51	20:04:42.8	35:43:45	300	90	3.0	#115 PMS NGC68	2	
0075.COMP	12	1:51	20:04:42.8	35:43:45	300	90	3.0	#115 PMS NGC68	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0076.id2438	420	1:51	20:04:28.5	35:45:31	300	90	3.0	#115 PMS NGC68	2	
0077.COMP	12	1:51	20:04:28.5	35:45:31	300	90	3.0	#115 PMS NGC68	2	
0078.id2453	480	1:51	20:04:26.3	35:47:08	300	90	3.0	#115 PMS NGC68	2	
0079.COMP	12	1:51	20:04:26.3	35:47:08	300	90	3.0	#115 PMS NGC68	2	
0080.id2729	360	1:51	19:59:28.3	35:19:06	300	90	3.0	#115 PMS NGC68	2	
0081.COMP	12	1:51	19:59:28.3	35:19:06	300	90	3.0	#115 PMS NGC68	2	
0082.id2783	360	1:51	19:59:06.2	35:17:37	300	90	3.0	#115 PMS NGC68	2	
0083.COMP	12	1:51	19:59:06.2	35:17:37	300	90	3.0	#115 PMS NGC68	2	
0084.id1521	90	1:51	20:06:37.8	35:38:58	300	90	3.0	#115 PMS NGC68	2	
0085.COMP	12	1:51	20:06:37.8	35:38:58	300	90	3.0	#115 PMS NGC68	2	
0086.id1597	420	1:51	20:06:25.3	35:37:54	300	90	3.0	#115 PMS NGC68	2	row=82
0087.COMP	12	1:51	20:06:25.3	35:37:54	300	90	3.0	#115 PMS NGC68	2	
0088.id1630	480	1:51	20:06:22.7	35:36:17	300	90	3.0	#115 PMS NGC68	2	
0089.COMP	12	1:51	20:06:22.7	35:36:17	300	90	3.0	#115 PMS NGC68	2	
0090.id2184	480	1:51	20:05:15.3	35:36:39	300	90	3.0	#115 PMS NGC68	2	row=82
0091.COMP	12	1:51	20:05:15.3	35:36:39	300	90	3.0	#115 PMS NGC68	2	
0092.id2695	480	1:51	19:59:41.8	35:16:28	300	90	3.0	#115 PMS NGC68	2	
0093.COMP	12	1:51	19:59:41.8	35:16:28	300	90	3.0	#115 PMS NGC68	2	
0094.id2913	360	1:51	19:58:19.8	35:10:48	300	90	3.0	#115 PMS NGC68	2	
0095.COMP	12	1:51	19:58:19.8	35:10:48	300	90	3.0	#115 PMS NGC68	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0096.id1257	480	1:51	20:07:09.3	35:50:50	300	90	3.0	#115 PMS NGC68	2	
0097.COMP	12	1:51	20:07:09.3	35:50:50	300	90	3.0	#115 PMS NGC68	2	
0098.id1268	480	1:51	20:07:07.1	35:41:38	300	90	3.0	#115 PMS NGC68	2	
0099.COMP	12	1:51	20:07:07.1	35:41:38	300	90	3.0	#115 PMS NGC68	2	
0100.ngcsh.3-479	600	1:51	21:54:17.2	62:41:34	300	90	3.0	#89 Ae/Be Star	2	
0101.COMP	12	1:51	21:54:17.2	62:41:34	300	90	3.0	#89 Ae/Be Star	2	
0102.ngcsh.2-803	540	1:51	21:54:52.4	62:32:23	300	90	3.0	#89 Ae/Be Star	2	
0103.COMP	12	1:51	21:54:52.4	62:32:23	300	90	3.0	#89 Ae/Be Star	2	
0104.ngcsh.3-791	660	1:51	21:54:56.2	62:44:42	300	90	3.0	#89 Ae/Be Star	2	
0105.COMP	12	1:51	21:54:56.2	62:44:42	300	90	3.0	#89 Ae/Be Star	2	
0106.ngcsh.3-872	660	1:51	21:53:52.9	62:45:25	300	90	3.0	#89 Ae/Be Star	2	
0107.COMP	12	1:51	21:53:52.9	62:45:25	300	90	3.0	#89 Ae/Be Star	2	
0108.ngcsh.4-218	780	1:51	21:53:32.5	62:38:23	300	90	3.0	#89 Ae/Be Star	2	
0109.COMP	12	1:51	21:53:32.5	62:38:23	300	90	3.0	#89 Ae/Be Star	2	
0110.ngcsh.2-604	720	1:51	21:55:09.8	62:30:20	300	90	3.0	#89 Ae/Be Star	2	
0111.COMP	12	1:51	21:55:09.8	62:30:20	300	90	3.0	#89 Ae/Be Star	2	
0112.sn2001fa	1200	1:51	01:48:22.2	+11:31:34	300	4	3.0	#2 SN Observat	2	
0113.COMP	12	1:51	01:48:22.2	+11:31:34	300	4	3.0	#2 SN Observat	2	
0114.a168_177	1200	1:51	01:18:33.7	1:26:25	300	90	3.0	#64 Cluster In	2	
0115.COMP	12	1:51	01:18:33.7	1:26:25	300	90	3.0	#64 Cluster In	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0116.a168_179	720	1:51	01:17:25.8	-0:35:28	300	90	3.0	#64 Cluster In	2	
0117.COMP	12	1:51	01:17:25.8	-0:35:28	300	90	3.0	#64 Cluster In	2	
0118.a168_182	540	1:51	01:17:17.8	-0:25:07	300	90	3.0	#64 Cluster In	2	
0119.COMP	12	1:51	01:17:17.8	-0:25:07	300	90	3.0	#64 Cluster In	2	
0120.a168_184	600	1:51	01:23:09.6	1:31:12	300	90	3.0	#64 Cluster In	2	
0121.COMP	12	1:51	01:23:09.6	1:31:12	300	90	3.0	#64 Cluster In	2	
0122.a168_185	420	1:51	01:18:34.1	-0:13:42	300	90	3.0	#64 Cluster In	2	
0123.COMP	12	1:51	01:18:34.1	-0:13:42	300	90	3.0	#64 Cluster In	2	
0124.a168_186	480	1:51	01:12:51.9	1:52:42	300	90	3.0	#64 Cluster In	2	
0125.COMP	12	1:51	01:12:51.9	1:52:42	300	90	3.0	#64 Cluster In	2	
0126.a168_187	900	1:51	01:16:11.5	-0:18:59	300	90	3.0	#64 Cluster In	2	
0127.COMP	12	1:51	01:16:11.5	-0:18:59	300	90	3.0	#64 Cluster In	2	
0128.a168_190	780	1:51	01:18:12.9	-1:04:23	300	90	3.0	#64 Cluster In	2	
0129.COMP	12	1:51	01:18:12.9	-1:04:23	300	90	3.0	#64 Cluster In	2	
0130.a168_191	900	1:51	01:14:53.7	1:53:02	300	90	3.0	#64 Cluster In	2	
0131.COMP	12	1:51	01:14:53.7	1:53:02	300	90	3.0	#64 Cluster In	2	
0132.a168_193	1020	1:51	01:19:47.2	1:04:04	300	90	3.0	#64 Cluster In	2	
0133.COMP	12	1:51	01:19:47.2	1:04:04	300	90	3.0	#64 Cluster In	2	
0134.a168_195	1020	1:51	01:15:51.3	0:08:48	300	90	3.0	#64 Cluster In	2	
0135.COMP	12	1:51	01:15:51.3	0:08:48	300	90	3.0	#64 Cluster In	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0136.sn2001ep	1200	1:51	04:57:00.2	-04:45:40	300	4	3.0	#2 SN Observat	2	
0137.COMP	12	1:51	04:57:00.2	-04:45:40	300	4	3.0	#2 SN Observat	2	
0138.IRAS_03252p3959	1200	1:51	03:28:27.7	+40:09:17	300	90	3.0	#124 COLA	2	
0139.COMP	12	1:51	03:28:27.7	+40:09:17	300	90	3.0	#124 COLA	2	
0140.NGC_1334	1200	1:51	03:30:01.7	+41:49:57	300	0	3.0	#124 COLA	2	North-South orientation
0141.COMP	12	1:51	03:30:01.7	+41:49:57	300	0	3.0	#124 COLA	2	Galactic nucleus = row 69
0142.sn2001ej	1200	1:51	07:23:43.2	33:26:38	300	86	3.0	#2 SN Observat	2	
0143.COMP	12	1:51	07:23:43.2	33:26:38	300	86	3.0	#2 SN Observat	2	
0144.BGGem	300	1:51	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0145.COMP	12	1:51	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0146.BGGem	1200	1:51	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0147.COMP	12	1:51	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0148.N3227	60	1:51	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0149.N3227	60	1:51	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0150.N3227	60	1:51	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0151.COMP	12	1:51	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0152.MRK421	120	1:51	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0153.MRK421	120	1:51	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0154.COMP	12	1:51	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0155-0159.sky	2	13:20	11:04:27.4	+38:12:32	300	90	3.0	#57 Velocity S	4	



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Coll. Focus 1020 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>
0160.COMP	5	13:20	11:04:27.4	+38:12:32	300	90	3.0	#57 Velocity S	4	
0161-0170.BIAS	0	13:23	11:04:27.4	+38:12:32	300	90	3.0	#57 Velocity S	4	
0171-0180.FLAT	6	13:27	11:04:27.4	+38:12:32	300	90	3.0	#57 Velocity S	4	
0181-0190.BIAS	0	13:30	11:04:27.4	+38:12:32	300	90	3.0	#57 Velocity S	2	
0191-0200.FLAT	12	13:35	11:04:27.4	+38:12:32	300	90	3.0	#57 Velocity S	2	
0201-0210.DARK	900	15:54	11:04:27.4	+38:12:32	300	90	3.0	#57 Velocity S	2	

UT Date 2001-10-24 Observers M CalkinsColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0009.DARK	900	1:03	11:04:27.4	+38:12:32	300	90	3.0	#57 Velocity S	4	
0010-0019.BIAS	0	1:21	11:04:27.4	+38:12:32	300	90	3.0	#57 Velocity S	4	
0020-0029.FLAT	6	1:24	11:04:27.4	+38:12:32	300	90	3.0	#57 Velocity S	4	
0030-0039.BIAS	0	1:28	11:04:27.4	+38:12:32	300	90	3.0	#57 Velocity S	2	
0040-0049.FLAT	12	1:33	11:04:27.4	+38:12:32	300	90	3.0	#57 Velocity S	2	
0050.BDp284211	40	1:33	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0051.BDp284211	40	1:33	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0052.COMP	12	1:33	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0053.BDp284211	40	1:33	21:48:57.1	28:37:48	300	104	3.0	#56 Spectropho	2	
0054.BDp284211	40	1:33	21:48:57.1	28:37:48	300	104	3.0	#56 Spectropho	2	
0055.COMP	12	1:33	21:48:57.1	28:37:48	300	104	3.0	#56 Spectropho	2	
0056.BDp284211	40	1:33	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0057.BDp284211	40	1:33	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0058.COMP	5	1:33	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0059.N7331	180	1:33	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0060.COMP	12	1:33	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0061.id1338	360	1:33	20:07:00.3	35:48:34	300	90	3.0	#115 PMS NGC68	2	row=77
0062.COMP	12	1:33	20:07:00.3	35:48:34	300	90	3.0	#115 PMS NGC68	2	
0063.id1340	420	1:33	20:07:00.0	35:38:35	300	90	3.0	#115 PMS NGC68	2	
0064.COMP	12	1:33	20:07:00.0	35:38:35	300	90	3.0	#115 PMS NGC68	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0065.id1418	480	1:33	20:06:52.7	35:51:07	300	90	3.0	#115 PMS NGC68	2	
0066.COMP	12	1:33	20:06:52.7	35:51:07	300	90	3.0	#115 PMS NGC68	2	
0067.id1595	420	1:33	20:06:25.9	35:54:35	300	90	3.0	#115 PMS NGC68	2	
0068.COMP	12	1:33	20:06:25.9	35:54:35	300	90	3.0	#115 PMS NGC68	2	
0069.id2936	360	1:33	19:58:07.4	35:11:40	300	90	3.0	#115 PMS NGC68	2	
0070.COMP	12	1:33	19:58:07.4	35:11:40	300	90	3.0	#115 PMS NGC68	2	
0071.id1425	360	1:33	20:06:51.3	35:39:06	300	90	3.0	#115 PMS NGC68	2	
0072.COMP	12	1:33	20:06:51.3	35:39:06	300	90	3.0	#115 PMS NGC68	2	
0073.id1669	420	1:33	20:06:18.0	35:54:12	300	90	3.0	#115 PMS NGC68	2	
0074.COMP	12	1:33	20:06:18.0	35:54:12	300	90	3.0	#115 PMS NGC68	2	
0075.id2198	420	1:33	20:05:13.5	35:47:48	300	90	3.0	#115 PMS NGC68	2	
0076.COMP	12	1:33	20:05:13.5	35:47:48	300	90	3.0	#115 PMS NGC68	2	
0077.id2200	600	1:33	20:05:13.5	35:55:00	300	90	3.0	#115 PMS NGC68	2	
0078.COMP	12	1:33	20:05:13.5	35:55:00	300	90	3.0	#115 PMS NGC68	2	
0079.id2354	480	1:33	20:04:44.7	35:38:20	300	90	3.0	#115 PMS NGC68	2	
0080.COMP	12	1:33	20:04:44.7	35:38:20	300	90	3.0	#115 PMS NGC68	2	
0081.id2761	420	1:33	19:59:16.1	35:13:20	300	90	3.0	#115 PMS NGC68	2	
0082.COMP	12	1:33	19:59:16.1	35:13:20	300	90	3.0	#115 PMS NGC68	2	
0083.id2254	360	1:33	20:05:07.1	35:51:31	300	90	3.0	#115 PMS NGC68	2	
0084.COMP	12	1:33	20:05:07.1	35:51:31	300	90	3.0	#115 PMS NGC68	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0085.id2645	360	1:33	19:59:57.9	35:17:58	300	90	3.0	#115 PMS NGC68	2	
0086.COMP	12	1:33	19:59:57.9	35:17:58	300	90	3.0	#115 PMS NGC68	2	
0087.id1254	480	1:33	20:07:09.3	35:34:57	300	90	3.0	#115 PMS NGC68	2	
0088.COMP	12	1:33	20:07:09.3	35:34:57	300	90	3.0	#115 PMS NGC68	2	
0089.id1553	420	1:33	20:06:31.6	35:42:03	300	90	3.0	#115 PMS NGC68	2	
0090.COMP	12	1:33	20:06:31.6	35:42:03	300	90	3.0	#115 PMS NGC68	2	
0091.id2155	480	1:33	20:05:19.4	35:43:09	300	90	3.0	#115 PMS NGC68	2	
0092.COMP	12	1:33	20:05:19.4	35:43:09	300	90	3.0	#115 PMS NGC68	2	
0093.id2796	420	1:33	19:59:01.0	35:17:34	300	90	3.0	#115 PMS NGC68	2	
0094.COMP	12	1:33	19:59:01.0	35:17:34	300	90	3.0	#115 PMS NGC68	2	
0095.id1246	360	1:33	20:07:11.1	35:50:32	300	90	3.0	#115 PMS NGC68	2	
0096.COMP	12	1:33	20:07:11.1	35:50:32	300	90	3.0	#115 PMS NGC68	2	
0097.id1587	420	1:33	20:06:26.4	35:39:01	300	90	3.0	#115 PMS NGC68	2	
0098.COMP	12	1:33	20:06:26.4	35:39:01	300	90	3.0	#115 PMS NGC68	2	
0099.id2075	480	1:33	20:05:28.5	35:37:41	300	90	3.0	#115 PMS NGC68	2	
0100.COMP	12	1:33	20:05:28.5	35:37:41	300	90	3.0	#115 PMS NGC68	2	
0101.id233	360	1:33	20:05:17.9	35:39:11	300	90	3.0	#115 PMS NGC68	2	
0102.COMP	12	1:33	20:05:17.9	35:39:11	300	90	3.0	#115 PMS NGC68	2	
0103.id2564	540	1:33	20:04:05.0	35:47:33	300	90	3.0	#115 PMS NGC68	2	
0104.COMP	12	1:33	20:04:05.0	35:47:33	300	90	3.0	#115 PMS NGC68	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0105.id2623	420	1:33	20:00:04.5	35:11:19	300	90	3.0	#115 PMS NGC68	2	
0106.COMP	12	1:33	20:00:04.5	35:11:19	300	90	3.0	#115 PMS NGC68	2	
0107.id2820	420	1:33	19:58:54.5	35:20:08	300	90	3.0	#115 PMS NGC68	2	
0108.COMP	12	1:33	19:58:54.5	35:20:08	300	90	3.0	#115 PMS NGC68	2	
0109.sn2001en	1200	1:33	01:25:22.9	+34:01:30	300	84	3.0	#2 SN Observat	2	
0110.COMP	12	1:33	01:25:22.9	+34:01:30	300	84	3.0	#2 SN Observat	2	
0111.sn2001eh	1200	1:33	01:38:12.1	41:39:18	300	47	3.0	#2 SN Observat	2	
0112.COMP	12	1:33	01:38:12.1	41:39:18	300	47	3.0	#2 SN Observat	2	
0113.IRAS_0340p3908	1200	1:33	03:43:56.6	+39:17:40	300	90	3.0	#124 COLA	2	
0114.COMP	12	1:33	03:43:56.6	+39:17:40	300	90	3.0	#124 COLA	2	
0115.IRAS_0513p5811	1200	1:33	05:17:47.6	+58:14:21	300	-30	3.0	#124 COLA	2	
0116.IRAS_0513p5811	1200	1:33	05:17:47.6	+58:14:21	300	-30	3.0	#124 COLA	2	
0117.COMP	12	1:33	05:17:47.6	+58:14:21	300	-30	3.0	#124 COLA	2	
0118.ZAnd	1	1:33	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0119.ZAnd	3	1:33	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0120.ZAnd	5	1:33	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0121.ZAnd	17	1:33	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0122.COMP	12	1:33	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0123.a168_197	480	1:33	01:18:00.5	-0:28:45	300	90	3.0	#64 Cluster In	2	
0124.COMP	12	1:33	01:18:00.5	-0:28:45	300	90	3.0	#64 Cluster In	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0125.a168_199	1200	1:33	01:08:51.0	2:09:14	300	90	3.0	#64 Cluster In	2	
0126.COMP	12	1:33	01:08:51.0	2:09:14	300	90	3.0	#64 Cluster In	2	
0127.a168_200	1200	1:33	01:18:59.8	-0:46:26	300	90	3.0	#64 Cluster In	2	
0128.COMP	12	1:33	01:18:59.8	-0:46:26	300	90	3.0	#64 Cluster In	2	
0129.a168_201	480	1:33	01:17:24.6	-1:03:56	300	90	3.0	#64 Cluster In	2	
0130.COMP	12	1:33	01:17:24.6	-1:03:56	300	90	3.0	#64 Cluster In	2	
0131.a168_204	600	1:33	01:18:34.2	1:44:52	300	30	3.0	#64 Cluster In	2	row=85
0132.COMP	12	1:33	01:18:34.2	1:44:52	300	30	3.0	#64 Cluster In	2	
0133.a168_205	480	1:33	01:20:29.5	0:35:08	300	90	3.0	#64 Cluster In	2	
0134.COMP	12	1:33	01:20:29.5	0:35:08	300	90	3.0	#64 Cluster In	2	
0135.a168_210	600	1:33	01:16:02.5	2:27:08	300	30	3.0	#64 Cluster In	2	
0136.COMP	12	1:33	01:16:02.5	2:27:08	300	30	3.0	#64 Cluster In	2	
0137.a168_212	420	1:33	01:22:11.2	1:45:09	300	90	3.0	#64 Cluster In	2	
0138.COMP	12	1:33	01:22:11.2	1:45:09	300	90	3.0	#64 Cluster In	2	
0139.a168_214	540	1:33	01:14:28.1	-0:51:49	300	90	3.0	#64 Cluster In	2	
0140.COMP	12	1:33	01:14:28.1	-0:51:49	300	90	3.0	#64 Cluster In	2	
0141.a168_216	780	1:33	01:24:39.0	0:29:16	300	90	3.0	#64 Cluster In	2	
0142.COMP	12	1:33	01:24:39.0	0:29:16	300	90	3.0	#64 Cluster In	2	
0143.sn2001ep	1200	1:33	04:57:00.2	-04:45:40	300	-1	3.0	#2 SN Observat	2	
0144.COMP	12	1:33	04:57:00.2	-04:45:40	300	-1	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0145.BGGem	300	1:33	6:03:31	27:41:50	300	89	3.0	#100 BGGem	2	
0146.BGGem	1200	1:33	6:03:31	27:41:50	300	89	3.0	#100 BGGem	2	
0147.COMP	12	1:33	6:03:31	27:41:50	300	89	3.0	#100 BGGem	2	
0148.32vso-32037	300	1:33	05:17:54.5	-00:42:42	300	89	3.0	#112 Orion PMS	2	
0149.COMP	12	1:33	05:17:54.5	-00:42:42	300	89	3.0	#112 Orion PMS	2	
0150.33vso-32115	360	1:33	05:17:59.1	-00:52:47	300	89	3.0	#112 Orion PMS	2	
0151.COMP	12	1:33	05:17:59.1	-00:52:47	300	89	3.0	#112 Orion PMS	2	
0152.34vso-32225	360	1:33	05:18:08.5	-00:40:38	300	89	3.0	#112 Orion PMS	2	
0153.COMP	12	1:33	05:18:08.5	-00:40:38	300	89	3.0	#112 Orion PMS	2	
0154.35vso-32555	360	1:33	05:18:33.2	-00:33:44	300	89	3.0	#112 Orion PMS	2	
0155.COMP	12	1:33	05:18:33.2	-00:33:44	300	89	3.0	#112 Orion PMS	2	
0156.36vso-32590	300	1:33	05:18:36.2	-00:39:55	300	89	3.0	#112 Orion PMS	2	
0157.COMP	12	1:33	05:18:36.2	-00:39:55	300	89	3.0	#112 Orion PMS	2	
0158.37vso-33013	270	1:33	05:19:11.9	-00:48:38	300	89	3.0	#112 Orion PMS	2	
0159.COMP	12	1:33	05:19:11.9	-00:48:38	300	89	3.0	#112 Orion PMS	2	
0160.38vso-33066	360	1:33	05:19:15.8	-00:55:50	300	89	3.0	#112 Orion PMS	2	
0161.COMP	12	1:33	05:19:15.8	-00:55:50	300	89	3.0	#112 Orion PMS	2	
0162.39vso-33429	300	1:33	05:19:47.6	-00:36:05	300	89	3.0	#112 Orion PMS	2	
0163.COMP	12	1:33	05:19:47.6	-00:36:05	300	89	3.0	#112 Orion PMS	2	
0164.40vso-33485	360	1:33	05:19:52.5	-00:35:41	300	89	3.0	#112 Orion PMS	2	

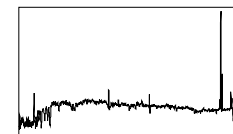


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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0165.COMP	12	1:33	05:19:52.5	-00:35:41	300	89	3.0	#112 Orion PMS	2	
0166.41vso-35300	420	1:33	05:22:09.4	-00:44:47	300	89	3.0	#112 Orion PMS	2	
0167.COMP	12	1:33	05:22:09.4	-00:44:47	300	89	3.0	#112 Orion PMS	2	
0168.42vso-35362	420	1:33	05:22:14.6	-00:44:17	300	89	3.0	#112 Orion PMS	2	
0169.COMP	12	1:33	05:22:14.6	-00:44:17	300	89	3.0	#112 Orion PMS	2	
0170.43vso-35413	480	1:33	05:22:19.2	-00:44:55	300	89	3.0	#112 Orion PMS	2	
0171.COMP	12	1:33	05:22:19.2	-00:44:55	300	89	3.0	#112 Orion PMS	2	
0172.44vso-35596	480	1:33	05:22:33.9	-00:49:01	300	89	3.0	#112 Orion PMS	2	
0173.COMP	12	1:33	05:22:33.9	-00:49:01	300	89	3.0	#112 Orion PMS	2	
0174.Hiltner600	60	1:33	06:42:37.2	02:11:25	300	89	3.0	#56 Spectropho	2	
0175.COMP	12	1:33	06:42:37.2	02:11:25	300	89	3.0	#56 Spectropho	2	
0176.Hiltner600	60	1:33	06:42:37.2	02:11:25	300	89	3.0	#56 Spectropho	4	
0177.COMP	5	1:33	06:42:37.2	02:11:25	300	89	3.0	#56 Spectropho	4	
0178-0182.sky	2	13:20	06:42:37.2	02:11:25	300	89	3.0	#57 Velocity S	4	
0183.COMP	5	13:20	06:42:37.2	02:11:25	300	89	3.0	#57 Velocity S	4	
0184-0193.BIAS	0	13:23	06:42:37.2	02:11:25	300	89	3.0	#57 Velocity S	4	
0194-0203.FLAT	6	13:26	06:42:37.2	02:11:25	300	89	3.0	#57 Velocity S	4	
0204-0213.BIAS	0	13:30	06:42:37.2	02:11:25	300	89	3.0	#57 Velocity S	2	
0214-0223.FLAT	12	13:36	06:42:37.2	02:11:25	300	89	3.0	#57 Velocity S	2	
0224-0233.DARK	900	16:01	06:42:37.2	02:11:25	300	89	3.0	#57 Velocity S	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	23:15	18:19:53.0	31:30:09	300	89	3.0	#57 Velocity S	4	
0002.DARK	900	23:15	18:35:04.0	31:30:07	300	89	3.0	#57 Velocity S	4	
0003.DARK	900	23:15	18:50:12.0	31:30:04	300	89	3.0	#57 Velocity S	4	
0004.DARK	900	23:15	19:05:23.0	31:30:02	300	89	3.0	#57 Velocity S	4	
0005.DARK	900	23:15	19:20:34.0	31:30:00	300	89	3.0	#57 Velocity S	4	
0006.DARK	900	23:15	19:35:45.0	31:29:59	300	89	3.0	#57 Velocity S	4	
0007.DARK	900	23:15	19:50:53.0	31:29:57	300	89	3.0	#57 Velocity S	4	
0008.DARK	900	23:15	20:06:06.0	31:29:55	300	89	3.0	#57 Velocity S	4	
0009.DARK	900	23:15	20:21:17.0	31:29:53	300	89	3.0	#57 Velocity S	4	
0010-0019.BIAS	0	1:42	20:32:42.0	31:29:52	300	89	3.0	#57 Velocity S	4	
0020-0029.FLAT	6	1:45	20:35:50.0	31:29:52	300	89	3.0	#57 Velocity S	4	
0030-0039.BIAS	0	1:49	20:39:00.0	31:29:52	300	89	3.0	#57 Velocity S	2	
0040-0049.FLAT	12	1:53	20:43:58.0	31:29:51	300	89	3.0	#57 Velocity S	2	
0050.BDp284211	40	1:53	21:48:57.1	28:37:48	300	89	3.0	#56 Spectropho	4	
0051.BDp284211	40	1:53	21:48:57.1	28:37:48	300	89	3.0	#56 Spectropho	4	
0052.COMP	5	1:53	21:48:57.1	28:37:48	300	89	3.0	#56 Spectropho	4	
0053.BDp284211	40	1:53	21:48:57.1	28:37:48	300	89	3.0	#56 Spectropho	2	
0054.BDp284211	40	1:53	21:48:57.1	28:37:48	300	89	3.0	#56 Spectropho	2	
0055.COMP	12	1:53	21:48:57.1	28:37:48	300	89	3.0	#56 Spectropho	2	
0056.BDp284211	40	1:53	21:48:57.1	28:37:48	300	104	3.0	#56 Spectropho	2	

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0057.BDp284211	40	1:53	21:48:57.1	28:37:48	300	104	3.0	#56 Spectropho	2	
0058.COMP	12	1:53	21:48:57.1	28:37:48	300	104	3.0	#56 Spectropho	2	
0059.Akn564	240	1:53	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0060.Akn564	240	1:53	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0061.COMP	12	1:53	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0062.N7469	150	1:53	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0063.N7469	150	1:53	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0064.COMP	12	1:53	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0065.ngcsh.4-521	540	1:53	21:52:58.9	62:41:35	300	90	3.0	#89 Ae/Be Star	2	
0066.COMP	12	1:53	21:52:58.9	62:41:35	300	90	3.0	#89 Ae/Be Star	2	
0067.ngcsh.2-512	600	1:53	21:54:03.2	62:29:20	300	90	3.0	#89 Ae/Be Star	2	
0068.COMP	12	1:53	21:54:03.2	62:29:20	300	90	3.0	#89 Ae/Be Star	2	
0069.ngcsh.4-1027	540	1:53	21:53:07.6	62:46:14	300	90	3.0	#89 Ae/Be Star	2	
0070.COMP	12	1:53	21:53:07.6	62:46:14	300	90	3.0	#89 Ae/Be Star	2	
0071.ngcsh.3-180	480	1:53	21:53:54.1	62:38:10	300	90	3.0	#89 Ae/Be Star	2	
0072.COMP	12	1:53	21:53:54.1	62:38:10	300	90	3.0	#89 Ae/Be Star	2	
0073.ngcsh.3-228	540	1:53	21:53:59.6	62:38:43	300	90	3.0	#89 Ae/Be Star	2	
0074.COMP	12	1:53	21:53:59.6	62:38:43	300	90	3.0	#89 Ae/Be Star	2	
0075.ngcsh.2-939	480	1:53	21:54:49.1	62:33:47	300	90	3.0	#89 Ae/Be Star	2	
0076.COMP	12	1:53	21:54:49.1	62:33:47	300	90	3.0	#89 Ae/Be Star	2	



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0077.ngcsh.3-340	540	1:53	21:55:14.2	62:40:03	300	90	3.0	#89 Ae/Be Star	2	
0078.COMP	12	1:53	21:55:14.2	62:40:03	300	90	3.0	#89 Ae/Be Star	2	
0079.ngcsh.1-1164	660	1:53	21:53:32.1	62:34:05	300	90	3.0	#89 Ae/Be Star	2	
0080.COMP	12	1:53	21:53:32.1	62:34:05	300	90	3.0	#89 Ae/Be Star	2	
0081.ngcsh.4-432	480	1:53	21:52:25.3	62:40:34	300	90	3.0	#89 Ae/Be Star	2	row=79
0082.COMP	12	1:53	21:52:25.3	62:40:34	300	90	3.0	#89 Ae/Be Star	2	
0083.ngcsh.3-457	900	1:53	21:55:21.2	62:41:16	300	90	3.0	#89 Ae/Be Star	2	row=79
0084.COMP	12	1:53	21:55:21.2	62:41:16	300	90	3.0	#89 Ae/Be Star	2	
0085.ngcsh.3-460	720	1:53	21:55:21.2	62:41:16	300	90	3.0	#89 Ae/Be Star	2	
0086.COMP	12	1:53	21:55:21.2	62:41:16	300	90	3.0	#89 Ae/Be Star	2	
0087.ngcsh.4-886	480	1:53	21:53:16.7	62:45:05	300	90	3.0	#89 Ae/Be Star	2	
0088.COMP	12	1:53	21:53:16.7	62:45:05	300	90	3.0	#89 Ae/Be Star	2	
0089.ngcsh.2-40	480	1:53	21:55:11.9	62:24:14	300	90	3.0	#89 Ae/Be Star	2	
0090.COMP	12	1:53	21:55:11.9	62:24:14	300	90	3.0	#89 Ae/Be Star	2	
0091.ngcsh.1-978	480	1:53	21:52:10.6	62:32:31	300	90	3.0	#89 Ae/Be Star	2	
0092.COMP	12	1:53	21:52:10.6	62:32:31	300	90	3.0	#89 Ae/Be Star	2	
0093.ngcsh.3-388	450	1:53	21:54:26.8	62:40:32	300	90	3.0	#89 Ae/Be Star	2	
0094.COMP	12	1:53	21:54:26.8	62:40:32	300	90	3.0	#89 Ae/Be Star	2	
0095.ngcsh.4-537	720	1:53	21:52:37.1	62:41:43	300	90	3.0	#89 Ae/Be Star	2	
0096.COMP	12	1:53	21:52:37.1	62:41:43	300	90	3.0	#89 Ae/Be Star	2	

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0097.ngcsh.2-883	510	1:53	21:55:04.0	62:33:20	300	90	3.0	#89 Ae/Be Star	2	
0098.COMP	12	1:53	21:55:04.0	62:33:20	300	90	3.0	#89 Ae/Be Star	2	
0099.ngcsh.2-890	480	1:53	21:55:04.0	62:33:20	300	90	3.0	#89 Ae/Be Star	2	
0100.COMP	12	1:53	21:55:04.0	62:33:20	300	90	3.0	#89 Ae/Be Star	2	
0101.a168_222	360	1:53	01:18:40.5	-1:03:54	300	90	3.0	#64 Cluster In	2	
0102.COMP	12	1:53	01:18:40.5	-1:03:54	300	90	3.0	#64 Cluster In	2	
0103.a168_217	360	1:53	01:19:32.4	-1:38:26	300	90	3.0	#64 Cluster In	2	slim cts, get again
0104.COMP	12	1:53	01:19:32.4	-1:38:26	300	90	3.0	#64 Cluster In	2	
0105.a168_217	540	1:53	01:19:32.4	-1:38:26	300	90	3.0	#64 Cluster In	2	
0106.COMP	12	1:53	01:19:32.4	-1:38:26	300	90	3.0	#64 Cluster In	2	
0107.a168_224	420	1:53	01:13:11.6	2:17:01	300	90	3.0	#64 Cluster In	2	
0108.COMP	12	1:53	01:13:11.6	2:17:01	300	90	3.0	#64 Cluster In	2	
0109.a168_229	420	1:53	01:12:02.7	-0:15:49	300	90	3.0	#64 Cluster In	2	
0110.COMP	12	1:53	01:12:02.7	-0:15:49	300	90	3.0	#64 Cluster In	2	
0111.a168_231	300	1:53	01:12:05.3	-0:09:40	300	90	3.0	#64 Cluster In	2	
0112.COMP	12	1:53	01:12:05.3	-0:09:40	300	90	3.0	#64 Cluster In	2	
0113.a168_232	540	1:53	01:15:14.3	0:20:19	300	90	3.0	#64 Cluster In	2	
0114.COMP	12	1:53	01:15:14.3	0:20:19	300	90	3.0	#64 Cluster In	2	
0115.a168_234	900	1:53	01:20:29.1	-0:20:43	300	90	3.0	#64 Cluster In	2	
0116.COMP	12	1:53	01:20:29.1	-0:20:43	300	90	3.0	#64 Cluster In	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0117.a168_235	480	1:53	01:13:36.2	-1:46:20	300	90	3.0	#64 Cluster In	2	
0118.COMP	12	1:53	01:13:36.2	-1:46:20	300	90	3.0	#64 Cluster In	2	
0119.a168_237	420	1:53	01:16:56.5	0:08:17	300	90	3.0	#64 Cluster In	2	
0120.COMP	12	1:53	01:16:56.5	0:08:17	300	90	3.0	#64 Cluster In	2	
0121.a168_238	600	1:53	01:21:48.5	0:56:34	300	90	3.0	#64 Cluster In	2	
0122.COMP	12	1:53	01:21:48.5	0:56:34	300	90	3.0	#64 Cluster In	2	
0123.a168_242	1200	1:53	01:16:35.2	2:30:49	300	90	3.0	#64 Cluster In	2	
0124.COMP	12	1:53	01:16:35.2	2:30:49	300	90	3.0	#64 Cluster In	2	
0125.a168_246	480	1:53	01:18:40.2	-0:06:31	300	90	3.0	#64 Cluster In	2	
0126.COMP	12	1:53	01:18:40.2	-0:06:31	300	90	3.0	#64 Cluster In	2	
0127.a168_247	780	1:53	01:24:15.0	0:35:51	300	90	3.0	#64 Cluster In	2	
0128.COMP	12	1:53	01:24:15.0	0:35:51	300	90	3.0	#64 Cluster In	2	
0129.a168_248	600	1:53	01:23:14.9	-0:19:49	300	90	3.0	#64 Cluster In	2	low cts, get again
0130.COMP	12	1:53	01:23:14.9	-0:19:49	300	90	3.0	#64 Cluster In	2	
0131.a168_248	900	1:53	01:23:14.9	-0:19:49	300	90	3.0	#64 Cluster In	2	
0132.COMP	12	1:53	01:23:14.9	-0:19:49	300	90	3.0	#64 Cluster In	2	
0133.a168_251	300	1:53	01:14:42.2	2:25:19	300	90	3.0	#64 Cluster In	2	
0134.COMP	12	1:53	01:14:42.2	2:25:19	300	90	3.0	#64 Cluster In	2	
0135.a168_254	540	1:53	01:15:08.1	0:13:37	300	90	3.0	#64 Cluster In	2	
0136.COMP	12	1:53	01:15:08.1	0:13:37	300	90	3.0	#64 Cluster In	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0137.a168_257	1020	1:53	01:22:29.7	-0:20:53	300	90	3.0	#64 Cluster In	2	
0138.COMP	12	1:53	01:22:29.7	-0:20:53	300	90	3.0	#64 Cluster In	2	
0139.sn2001ep	1200	1:53	04:57:00.2	-04:45:40	300	-7	3.0	#2 SN Observat	2	
0140.COMP	12	1:53	04:57:00.2	-04:45:40	300	-7	3.0	#2 SN Observat	2	
0141.FLAT	12	1:53	04:57:00.2	-04:45:40	300	90	3.0	#2 SN Observat	2	Tilt=750, GG-495 filter
0142-0150.FLAT	12	10:20	04:57:00.2	-04:45:40	300	90	3.0	#2 SN Observat	2	
0151.sn2001ep	1200	10:20	04:57:00.2	-04:45:40	300	90	3.0	#2 SN Observat	2	PA=7
0152.COMP	12	10:20	04:57:00.2	-04:45:40	300	90	3.0	#2 SN Observat	2	PA=7
0153.HD19445	6	10:20	03:08:25.5	26:19:51	300	72	3.0	#56 Photometri	2	
0154.COMP	12	10:20	03:08:25.5	26:19:51	300	72	3.0	#56 Photometri	2	
0155.BGGem	300	10:20	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	Normal Set-up
0156.COMP	12	10:20	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0157.BGGem	1200	10:20	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0158.COMP	12	10:20	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0159.45vso-35857	480	10:20	05:22:53.7	-00:46:24	300	90	3.0	#112 Orion PMS	2	
0160.COMP	12	10:20	05:22:53.7	-00:46:24	300	90	3.0	#112 Orion PMS	2	
0161.46vso-35982	480	10:20	05:23:02.5	-00:35:01	300	90	3.0	#112 Orion PMS	2	
0162.COMP	12	10:20	05:23:02.5	-00:35:01	300	90	3.0	#112 Orion PMS	2	
0163.47vso-36176	540	10:20	05:23:17.6	-00:48:14	300	90	3.0	#112 Orion PMS	2	
0164.COMP	12	10:20	05:23:17.6	-00:48:14	300	90	3.0	#112 Orion PMS	2	

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0165.48vso-36380	420	10:20	05:23:32.1	-00:52:02	300	90	3.0	#112 Orion PMS	2	
0166.COMP	12	10:20	05:23:32.1	-00:52:02	300	90	3.0	#112 Orion PMS	2	
0167.49vso-36809	540	10:20	05:23:57.4	-00:49:00	300	90	3.0	#112 Orion PMS	2	
0168.COMP	12	10:20	05:23:57.4	-00:49:00	300	90	3.0	#112 Orion PMS	2	
0169.50vso-36913	420	10:20	05:24:06.2	-00:45:04	300	90	3.0	#112 Orion PMS	2	
0170.COMP	12	10:20	05:24:06.2	-00:45:04	300	90	3.0	#112 Orion PMS	2	
0171.51vso-37997	480	10:20	05:25:13.7	-00:46:42	300	90	3.0	#112 Orion PMS	2	
0172.COMP	12	10:20	05:25:13.7	-00:46:42	300	90	3.0	#112 Orion PMS	2	
0173.52vso-38094	480	10:20	05:25:20.0	-00:52:03	300	90	3.0	#112 Orion PMS	2	
0174.COMP	12	10:20	05:25:20.0	-00:52:03	300	90	3.0	#112 Orion PMS	2	
0175-0179.sky	2	13:24	05:25:20.0	-00:52:03	300	90	3.0	#57 Velocity S	2	
0180.COMP	12	13:24	05:25:20.0	-00:52:03	300	90	3.0	#57 Velocity S	2	
0181-0190.BIAS	0	13:28	05:25:20.0	-00:52:03	300	90	3.0	#57 Velocity S	4	
0191-0200.FLAT	6	13:33	05:25:20.0	-00:52:03	300	90	3.0	#57 Velocity S	4	
0201-0210.BIAS	0	13:37	05:25:20.0	-00:52:03	300	90	3.0	#57 Velocity S	2	
0211-0220.FLAT	12	13:42	05:25:20.0	-00:52:03	300	90	3.0	#57 Velocity S	2	
0221-0230.DARK	900	16:05	05:25:20.0	-00:52:03	300	90	3.0	#57 Velocity S	2	