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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.BIAS	0	23:45	06:08:22.5	+01:46:27	300	100	3.0	#170 h & chi P	4	
0011-0020.FLAT	12	23:48	06:08:22.5	+01:46:27	300	100	3.0	#170 h & chi P	4	
0021-0030.BIAS	0	23:50	06:08:22.5	+01:46:27	300	100	3.0	#170 h & chi P	2	
0031-0045.FLAT	25	23:59	06:08:22.5	+01:46:27	300	100	3.0	#170 h & chi P	2	
0046.COMP	10	00:08	06:08:22.5	+01:46:27	300	100	3.0	#170 h & chi P	2	
0047.COMP	10	00:10	06:08:22.5	+01:46:27	300	100	3.0	#170 h & chi P	2	
0048.COMP	10	00:12	06:08:22.5	+01:46:27	300	100	3.0	#170 h & chi P	2	
0049.19512331+5511276	420	01:40	19:51:23.3	+55:11:28	300	90	3.0	#141 Mapping t	2	
0050.COMP	10	01:48	19:51:23.3	+55:11:28	300	90	3.0	#141 Mapping t	2	
0051.19520739+6055413	420	01:51	19:52:07.4	+60:55:41	300	90	3.0	#141 Mapping t	2	
0052.COMP	10	01:59	19:52:07.4	+60:55:41	300	90	3.0	#141 Mapping t	2	
0053.19520739+6055413	600	02:00	19:52:07.4	+60:55:41	300	90	3.0	#141 Mapping t	2	
0054.COMP	10	02:10	19:52:07.4	+60:55:41	300	90	3.0	#141 Mapping t	2	
0055.19521475+0441393	600	02:14	19:52:14.8	+04:41:39	300	90	3.0	#141 Mapping t	2	
0056.COMP	10	02:24	19:52:14.8	+04:41:39	300	90	3.0	#141 Mapping t	2	
0057.BDp284211	90	02:32	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	2	
0058.BDp284211	90	02:34	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	2	
0059.COMP	10	02:36	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	2	
0060.BDp174708	45	02:42	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0061.BDp174708	45	02:43	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	

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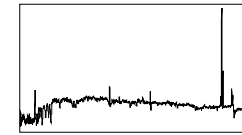
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0062.BDp174708	45	02:44	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0063.COMP	10	02:45	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0064.N7331	180	02:47	22:37:04.3	+34:24:58	300	90	3.0	#57 Velocity S	2	
0065.COMP	10	02:51	22:37:04.3	+34:24:58	300	90	3.0	#57 Velocity S	2	
0066.sn2007le	1200	02:56	23:38:48.4	-06:31:21	300	90	3.0	#2 SN Observat	2	
0067.COMP	10	03:16	23:38:48.4	-06:31:21	300	90	3.0	#2 SN Observat	2	
0068.22520937+3741024	600	03:25	22:52:09.4	+37:41:02	300	90	3.0	#141 Mapping t	2	
0069.COMP	10	03:36	22:52:09.4	+37:41:02	300	90	3.0	#141 Mapping t	2	
0070.22522047+1619037	600	03:38	22:52:20.5	+16:19:04	300	90	3.0	#141 Mapping t	2	
0071.COMP	10	03:50	22:52:20.5	+16:19:04	300	90	3.0	#141 Mapping t	2	
0072.22524510+3323518	600	03:55	22:52:45.1	+33:23:52	300	90	3.0	#141 Mapping t	2	
0073.COMP	10	04:07	22:52:45.1	+33:23:52	300	90	3.0	#141 Mapping t	2	
0074.22524510+3323518	1200	04:08	22:52:45.1	+33:23:52	300	90	3.0	#141 Mapping t	2	
0075.COMP	10	04:28	22:52:45.1	+33:23:52	300	90	3.0	#141 Mapping t	2	
0076.sn2007nm	1800	04:43	22:45:27.4	+10:39:33	300	94	3.0	#2 SN Observat	2	
0077.COMP	10	05:13	22:45:27.4	+10:39:33	300	94	3.0	#2 SN Observat	2	
0078.sn2007gr	1200	05:28	02:43:28.0	+37:20:45	300	90	3.0	#2 SN Observat	2	
0079.COMP	10	05:49	02:43:28.0	+37:20:45	300	90	3.0	#2 SN Observat	2	
0080.hxPer214	600	05:53	02:24:14.5	+57:02:46	300	95	3.0	#170 h & chi P	2	
0081.COMP	10	06:03	02:24:14.5	+57:02:46	300	95	3.0	#170 h & chi P	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0082.hxPer218	480	06:07	02:24:21.0	+57:23:52	300	98	3.0	#170 h & chi P	2	
0083.COMP	10	06:15	02:24:21.0	+57:23:52	300	98	3.0	#170 h & chi P	2	
0084.hxPer219	480	06:17	02:21:28.5	+56:47:29	300	90	3.0	#170 h & chi P	2	
0085.COMP	10	06:26	02:21:28.5	+56:47:29	300	90	3.0	#170 h & chi P	2	
0086.hxPer220	480	06:28	02:24:06.8	+57:09:39	300	90	3.0	#170 h & chi P	2	
0087.COMP	10	06:36	02:24:06.8	+57:09:39	300	90	3.0	#170 h & chi P	2	
0088.hxPer221	480	06:40	02:19:50.5	+57:29:36	300	105	3.0	#170 h & chi P	2	
0089.COMP	10	06:48	02:19:50.5	+57:29:36	300	105	3.0	#170 h & chi P	2	
0090.hxPer222	480	06:50	02:21:38.7	+57:28:51	300	90	3.0	#170 h & chi P	2	
0091.COMP	10	06:59	02:21:38.7	+57:28:51	300	90	3.0	#170 h & chi P	2	
0092.hxPer223	480	07:01	02:17:10.6	+57:11:22	300	90	3.0	#170 h & chi P	2	
0093.COMP	10	07:10	02:17:10.6	+57:11:22	300	90	3.0	#170 h & chi P	2	
0094.hxPer224	480	07:12	02:17:51.6	+57:19:39	300	95	3.0	#170 h & chi P	2	
0095.COMP	10	07:21	02:17:51.6	+57:19:39	300	95	3.0	#170 h & chi P	2	
0096.hxPer225	480	07:23	02:24:24.7	+57:20:46	300	98	3.0	#170 h & chi P	2	
0097.COMP	10	07:32	02:24:24.7	+57:20:46	300	98	3.0	#170 h & chi P	2	
0098.hxPer226	480	07:35	02:22:13.7	+57:24:11	300	60	3.0	#170 h & chi P	2	
0099.COMP	10	07:43	02:22:13.7	+57:24:11	300	60	3.0	#170 h & chi P	2	
0100.hxPer227	480	07:45	02:17:17.9	+56:42:53	300	90	3.0	#170 h & chi P	2	
0101.COMP	10	07:54	02:17:17.9	+56:42:53	300	90	3.0	#170 h & chi P	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0102.hxPer228	480	07:56	02:21:17.5	+57:23:39	300	58	3.0	#170 h & chi P	2	
0103.COMP	10	08:05	02:21:17.5	+57:23:39	300	58	3.0	#170 h & chi P	2	
0104.hxPer229	480	08:08	02:23:47.4	+57:29:04	300	100	3.0	#170 h & chi P	2	
0105.COMP	10	08:16	02:23:47.4	+57:29:04	300	100	3.0	#170 h & chi P	2	
0106.hxPer230	480	08:18	02:23:44.1	+57:16:47	300	90	3.0	#170 h & chi P	2	
0107.COMP	10	08:27	02:23:44.1	+57:16:47	300	90	3.0	#170 h & chi P	2	
0108.hxPer231	480	08:28	02:21:33.8	+56:50:34	300	90	3.0	#170 h & chi P	2	
0109.COMP	10	08:36	02:21:33.8	+56:50:34	300	90	3.0	#170 h & chi P	2	
0110.hxPer232	480	08:38	02:23:58.7	+57:15:35	300	90	3.0	#170 h & chi P	2	
0111.COMP	10	08:46	02:23:58.7	+57:15:35	300	90	3.0	#170 h & chi P	2	
0112.hxPer233	480	08:49	02:18:18.5	+56:47:11	300	80	3.0	#170 h & chi P	2	
0113.COMP	10	08:58	02:18:18.5	+56:47:11	300	80	3.0	#170 h & chi P	2	
0114.hxPer234	480	08:59	02:17:50.0	+57:23:35	300	80	3.0	#170 h & chi P	2	
0115.COMP	10	09:08	02:17:50.0	+57:23:35	300	80	3.0	#170 h & chi P	2	
0116.hxPer235	600	09:11	02:21:20.4	+56:47:08	300	80	3.0	#170 h & chi P	2	
0117.COMP	10	09:21	02:21:20.4	+56:47:08	300	80	3.0	#170 h & chi P	2	
0118.hxPer236	600	09:26	02:22:37.9	+57:03:12	300	72	3.0	#170 h & chi P	2	
0119.COMP	10	09:36	02:22:37.9	+57:03:12	300	72	3.0	#170 h & chi P	2	
0120.hxPer237	600	09:40	02:18:36.4	+57:26:32	300	82	3.0	#170 h & chi P	2	
0121.COMP	10	09:50	02:18:36.4	+57:26:32	300	82	3.0	#170 h & chi P	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0122.hxPer238	600	09:53	02:18:54.6	+56:54:06	300	100	3.0	#170 h & chi P	2	
0123.COMP	10	10:03	02:18:54.6	+56:54:06	300	100	3.0	#170 h & chi P	2	
0124.hxPer239	600	10:06	02:22:56.3	+57:23:41	300	77	3.0	#170 h & chi P	2	
0125.COMP	10	10:17	02:22:56.3	+57:23:41	300	77	3.0	#170 h & chi P	2	
0126.hxPer240	600	10:19	02:19:39.9	+56:52:12	300	90	3.0	#170 h & chi P	2	
0127.COMP	10	10:30	02:22:39.4	+56:56:58	300	90	3.0	#170 h & chi P	2	
0128.hxPer241	600	10:32	02:22:39.4	+56:56:58	300	90	3.0	#170 h & chi P	2	
0129.COMP	10	10:43	02:22:39.4	+56:56:58	300	90	3.0	#170 h & chi P	2	
0130.hxPer242	600	10:47	02:24:04.7	+56:53:05	300	75	3.0	#170 h & chi P	2	
0131.COMP	10	10:57	02:24:04.7	+56:53:05	300	75	3.0	#170 h & chi P	2	
0132.hxPer243	600	11:00	02:19:55.3	+57:23:20	300	90	3.0	#170 h & chi P	2	
0133.COMP	10	11:10	02:19:55.3	+57:23:20	300	90	3.0	#170 h & chi P	2	
0134.cvso-093533	600	11:16	06:08:22.5	+01:46:27	300	90	3.0	#112 Orion PMS	2	
0135.COMP	10	11:27	06:08:22.5	+01:46:27	300	90	3.0	#112 Orion PMS	2	
0136.cvso-094035	600	11:30	06:08:38.8	+02:09:33	300	90	3.0	#112 Orion PMS	2	
0137.COMP	10	11:41	06:08:38.8	+02:09:33	300	90	3.0	#112 Orion PMS	2	
0138.cvso-094052	600	11:42	06:08:39.6	+01:59:09	300	90	3.0	#112 Orion PMS	2	
0139.COMP	10	11:53	06:08:39.6	+01:59:09	300	90	3.0	#112 Orion PMS	2	
0140.cvso-094072	600	11:55	06:08:40.1	+02:08:25	300	90	3.0	#112 Orion PMS	2	
0141.COMP	10	12:05	06:08:40.1	+02:08:25	300	90	3.0	#112 Orion PMS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0142.cvso-094179	600	12:06	06:08:43.8	+02:10:52	300	90	3.0	#112 Orion PMS	2	
0143.COMP	10	12:17	06:08:43.8	+02:10:52	300	90	3.0	#112 Orion PMS	2	
0144.cvso-095090	600	12:18	06:09:30.4	+01:54:06	300	90	3.0	#112 Orion PMS	2	
0145.COMP	10	12:28	06:09:30.4	+01:54:06	300	90	3.0	#112 Orion PMS	2	
0146.cvso-095333	600	12:29	06:09:40.8	+02:08:41	300	90	3.0	#112 Orion PMS	2	
0147.COMP	10	12:40	06:09:40.8	+02:08:41	300	90	3.0	#112 Orion PMS	2	
0148.cvso-095575	600	12:41	06:09:49.6	+01:51:27	300	90	3.0	#112 Orion PMS	2	
0149.COMP	10	12:53	06:09:49.6	+01:51:27	300	90	3.0	#112 Orion PMS	2	
0150-0159.BIAS	0	13:02	06:09:59.0	+01:56:30	300	90	3.0	#170 h & chi P	4	
0160-0169.FLAT	12	13:05	06:09:59.0	+01:56:30	300	90	3.0	#170 h & chi P	4	
0170-0179.BIAS	0	13:07	06:09:59.0	+01:56:30	300	90	3.0	#170 h & chi P	2	
0180-0194.FLAT	25	13:16	06:09:59.0	+01:56:30	300	90	3.0	#170 h & chi P	2	
0195-0209.DARK	900	16:51	06:09:59.0	+01:56:30	300	90	3.0	#170 h & chi P	2	
0001-0010.BIAS	0	23:45	06:08:22.5	+01:46:27	300	100	3.0	#170 h & chi P	4	
0011-0020.FLAT	12	23:48	06:08:22.5	+01:46:27	300	100	3.0	#170 h & chi P	4	
0021-0030.BIAS	0	23:50	06:08:22.5	+01:46:27	300	100	3.0	#170 h & chi P	2	
0031-0045.FLAT	25	23:59	06:08:22.5	+01:46:27	300	100	3.0	#170 h & chi P	2	
0046.COMP	10	00:08	06:08:22.5	+01:46:27	300	100	3.0	#170 h & chi P	2	
0047.COMP	10	00:10	06:08:22.5	+01:46:27	300	100	3.0	#170 h & chi P	2	
0048.COMP	10	00:12	06:08:22.5	+01:46:27	300	100	3.0	#170 h & chi P	2	

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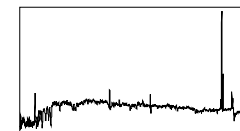
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0049.19512331+5511276	420	01:40	19:51:23.3	+55:11:28	300	90	3.0	#141 Mapping t	2	
0050.COMP	10	01:48	19:51:23.3	+55:11:28	300	90	3.0	#141 Mapping t	2	
0051.19520739+6055413	420	01:51	19:52:07.4	+60:55:41	300	90	3.0	#141 Mapping t	2	
0052.COMP	10	01:59	19:52:07.4	+60:55:41	300	90	3.0	#141 Mapping t	2	
0053.19520739+6055413	600	02:00	19:52:07.4	+60:55:41	300	90	3.0	#141 Mapping t	2	
0054.COMP	10	02:10	19:52:07.4	+60:55:41	300	90	3.0	#141 Mapping t	2	
0055.19521475+0441393	600	02:14	19:52:14.8	+04:41:39	300	90	3.0	#141 Mapping t	2	
0056.COMP	10	02:24	19:52:14.8	+04:41:39	300	90	3.0	#141 Mapping t	2	
0057.BDp284211	90	02:32	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	2	
0058.BDp284211	90	02:34	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	2	
0059.COMP	10	02:36	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	2	
0060.BDp174708	45	02:42	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0061.BDp174708	45	02:43	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0062.BDp174708	45	02:44	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0063.COMP	10	02:45	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0064.N7331	180	02:47	22:37:04.3	+34:24:58	300	90	3.0	#57 Velocity S	2	
0065.COMP	10	02:51	22:37:04.3	+34:24:58	300	90	3.0	#57 Velocity S	2	
0066.sn20071e	1200	02:56	23:38:48.4	-06:31:21	300	90	3.0	#2 SN Observat	2	
0067.COMP	10	03:16	23:38:48.4	-06:31:21	300	90	3.0	#2 SN Observat	2	
0068.22520937+3741024	600	03:25	22:52:09.4	+37:41:02	300	90	3.0	#141 Mapping t	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0069.COMP	10	03:36	22:52:09.4	+37:41:02	300	90	3.0	#141 Mapping t	2	
0070.22522047+1619037	600	03:38	22:52:20.5	+16:19:04	300	90	3.0	#141 Mapping t	2	
0071.COMP	10	03:50	22:52:20.5	+16:19:04	300	90	3.0	#141 Mapping t	2	
0072.22524510+3323518	600	03:55	22:52:45.1	+33:23:52	300	90	3.0	#141 Mapping t	2	
0073.COMP	10	04:07	22:52:45.1	+33:23:52	300	90	3.0	#141 Mapping t	2	
0074.22524510+3323518	1200	04:08	22:52:45.1	+33:23:52	300	90	3.0	#141 Mapping t	2	
0075.COMP	10	04:28	22:52:45.1	+33:23:52	300	90	3.0	#141 Mapping t	2	
0076.sn2007nm	1800	04:43	22:45:27.4	+10:39:33	300	94	3.0	#2 SN Observat	2	
0077.COMP	10	05:13	22:45:27.4	+10:39:33	300	94	3.0	#2 SN Observat	2	
0078.sn2007gr	1200	05:28	02:43:28.0	+37:20:45	300	90	3.0	#2 SN Observat	2	
0079.COMP	10	05:49	02:43:28.0	+37:20:45	300	90	3.0	#2 SN Observat	2	
0080.hxPer214	600	05:53	02:24:14.5	+57:02:46	300	95	3.0	#170 h & chi P	2	
0081.COMP	10	06:03	02:24:14.5	+57:02:46	300	95	3.0	#170 h & chi P	2	
0082.hxPer218	480	06:07	02:24:21.0	+57:23:52	300	98	3.0	#170 h & chi P	2	
0083.COMP	10	06:15	02:24:21.0	+57:23:52	300	98	3.0	#170 h & chi P	2	
0084.hxPer219	480	06:17	02:21:28.5	+56:47:29	300	90	3.0	#170 h & chi P	2	
0085.COMP	10	06:26	02:21:28.5	+56:47:29	300	90	3.0	#170 h & chi P	2	
0086.hxPer220	480	06:28	02:24:06.8	+57:09:39	300	90	3.0	#170 h & chi P	2	
0087.COMP	10	06:36	02:24:06.8	+57:09:39	300	90	3.0	#170 h & chi P	2	
0088.hxPer221	480	06:40	02:19:50.5	+57:29:36	300	105	3.0	#170 h & chi P	2	

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0089.COMP	10	06:48	02:19:50.5	+57:29:36	300	105	3.0	#170 h & chi P	2	
0090.hxPer222	480	06:50	02:21:38.7	+57:28:51	300	90	3.0	#170 h & chi P	2	
0091.COMP	10	06:59	02:21:38.7	+57:28:51	300	90	3.0	#170 h & chi P	2	
0092.hxPer223	480	07:01	02:17:10.6	+57:11:22	300	90	3.0	#170 h & chi P	2	
0093.COMP	10	07:10	02:17:10.6	+57:11:22	300	90	3.0	#170 h & chi P	2	
0094.hxPer224	480	07:12	02:17:51.6	+57:19:39	300	95	3.0	#170 h & chi P	2	
0095.COMP	10	07:21	02:17:51.6	+57:19:39	300	95	3.0	#170 h & chi P	2	
0096.hxPer225	480	07:23	02:24:24.7	+57:20:46	300	98	3.0	#170 h & chi P	2	
0097.COMP	10	07:32	02:24:24.7	+57:20:46	300	98	3.0	#170 h & chi P	2	
0098.hxPer226	480	07:35	02:22:13.7	+57:24:11	300	60	3.0	#170 h & chi P	2	
0099.COMP	10	07:43	02:22:13.7	+57:24:11	300	60	3.0	#170 h & chi P	2	
0100.hxPer227	480	07:45	02:17:17.9	+56:42:53	300	90	3.0	#170 h & chi P	2	
0101.COMP	10	07:54	02:17:17.9	+56:42:53	300	90	3.0	#170 h & chi P	2	
0102.hxPer228	480	07:56	02:21:17.5	+57:23:39	300	58	3.0	#170 h & chi P	2	
0103.COMP	10	08:05	02:21:17.5	+57:23:39	300	58	3.0	#170 h & chi P	2	
0104.hxPer229	480	08:08	02:23:47.4	+57:29:04	300	100	3.0	#170 h & chi P	2	
0105.COMP	10	08:16	02:23:47.4	+57:29:04	300	100	3.0	#170 h & chi P	2	
0106.hxPer230	480	08:18	02:23:44.1	+57:16:47	300	90	3.0	#170 h & chi P	2	
0107.COMP	10	08:27	02:23:44.1	+57:16:47	300	90	3.0	#170 h & chi P	2	
0108.hxPer231	480	08:28	02:21:33.8	+56:50:34	300	90	3.0	#170 h & chi P	2	

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0109.COMP	10	08:36	02:21:33.8	+56:50:34	300	90	3.0	#170 h & chi P	2	
0110.hxPer232	480	08:38	02:23:58.7	+57:15:35	300	90	3.0	#170 h & chi P	2	
0111.COMP	10	08:46	02:23:58.7	+57:15:35	300	90	3.0	#170 h & chi P	2	
0112.hxPer233	480	08:49	02:18:18.5	+56:47:11	300	80	3.0	#170 h & chi P	2	
0113.COMP	10	08:58	02:18:18.5	+56:47:11	300	80	3.0	#170 h & chi P	2	
0114.hxPer234	480	08:59	02:17:50.0	+57:23:35	300	80	3.0	#170 h & chi P	2	
0115.COMP	10	09:08	02:17:50.0	+57:23:35	300	80	3.0	#170 h & chi P	2	
0116.hxPer235	600	09:11	02:21:20.4	+56:47:08	300	80	3.0	#170 h & chi P	2	
0117.COMP	10	09:21	02:21:20.4	+56:47:08	300	80	3.0	#170 h & chi P	2	
0118.hxPer236	600	09:26	02:22:37.9	+57:03:12	300	72	3.0	#170 h & chi P	2	
0119.COMP	10	09:36	02:22:37.9	+57:03:12	300	72	3.0	#170 h & chi P	2	
0120.hxPer237	600	09:40	02:18:36.4	+57:26:32	300	82	3.0	#170 h & chi P	2	
0121.COMP	10	09:50	02:18:36.4	+57:26:32	300	82	3.0	#170 h & chi P	2	
0122.hxPer238	600	09:53	02:18:54.6	+56:54:06	300	100	3.0	#170 h & chi P	2	
0123.COMP	10	10:03	02:18:54.6	+56:54:06	300	100	3.0	#170 h & chi P	2	
0124.hxPer239	600	10:06	02:22:56.3	+57:23:41	300	77	3.0	#170 h & chi P	2	
0125.COMP	10	10:17	02:22:56.3	+57:23:41	300	77	3.0	#170 h & chi P	2	
0126.hxPer240	600	10:19	02:19:39.9	+56:52:12	300	90	3.0	#170 h & chi P	2	
0127.COMP	10	10:30	02:22:39.4	+56:56:58	300	90	3.0	#170 h & chi P	2	
0128.hxPer241	600	10:32	02:22:39.4	+56:56:58	300	90	3.0	#170 h & chi P	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0129.COMP	10	10:43	02:22:39.4	+56:56:58	300	90	3.0	#170 h & chi P	2	
0130.hxPer242	600	10:47	02:24:04.7	+56:53:05	300	75	3.0	#170 h & chi P	2	
0131.COMP	10	10:57	02:24:04.7	+56:53:05	300	75	3.0	#170 h & chi P	2	
0132.hxPer243	600	11:00	02:19:55.3	+57:23:20	300	90	3.0	#170 h & chi P	2	
0133.COMP	10	11:10	02:19:55.3	+57:23:20	300	90	3.0	#170 h & chi P	2	
0134.cvso-093533	600	11:16	06:08:22.5	+01:46:27	300	90	3.0	#112 Orion PMS	2	
0135.COMP	10	11:27	06:08:22.5	+01:46:27	300	90	3.0	#112 Orion PMS	2	
0136.cvso-094035	600	11:30	06:08:38.8	+02:09:33	300	90	3.0	#112 Orion PMS	2	
0137.COMP	10	11:41	06:08:38.8	+02:09:33	300	90	3.0	#112 Orion PMS	2	
0138.cvso-094052	600	11:42	06:08:39.6	+01:59:09	300	90	3.0	#112 Orion PMS	2	
0139.COMP	10	11:53	06:08:39.6	+01:59:09	300	90	3.0	#112 Orion PMS	2	
0140.cvso-094072	600	11:55	06:08:40.1	+02:08:25	300	90	3.0	#112 Orion PMS	2	
0141.COMP	10	12:05	06:08:40.1	+02:08:25	300	90	3.0	#112 Orion PMS	2	
0142.cvso-094179	600	12:06	06:08:43.8	+02:10:52	300	90	3.0	#112 Orion PMS	2	
0143.COMP	10	12:17	06:08:43.8	+02:10:52	300	90	3.0	#112 Orion PMS	2	
0144.cvso-095090	600	12:18	06:09:30.4	+01:54:06	300	90	3.0	#112 Orion PMS	2	
0145.COMP	10	12:28	06:09:30.4	+01:54:06	300	90	3.0	#112 Orion PMS	2	
0146.cvso-095333	600	12:29	06:09:40.8	+02:08:41	300	90	3.0	#112 Orion PMS	2	
0147.COMP	10	12:40	06:09:40.8	+02:08:41	300	90	3.0	#112 Orion PMS	2	
0148.cvso-095575	600	12:41	06:09:49.6	+01:51:27	300	90	3.0	#112 Orion PMS	2	

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0149.COMP	10	12:53	06:09:49.6	+01:51:27	300	90	3.0	#112 Orion PMS	2	
0150-0159.BIAS	0	13:02	06:09:59.0	+01:56:30	300	90	3.0	#170 h & chi P	4	
0160-0169.FLAT	12	13:05	06:09:59.0	+01:56:30	300	90	3.0	#170 h & chi P	4	
0170-0179.BIAS	0	13:07	06:09:59.0	+01:56:30	300	90	3.0	#170 h & chi P	2	
0180-0194.FLAT	25	13:16	06:09:59.0	+01:56:30	300	90	3.0	#170 h & chi P	2	
0195-0209.DARK	900	16:51	06:09:59.0	+01:56:30	300	90	3.0	#170 h & chi P	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	22:39	06:09:59.0	+01:56:30	300	90	3.0	#170 h & chi P	4	
0011-0020.FLAT	12	22:42	06:09:59.0	+01:56:30	300	90	3.0	#170 h & chi P	4	
0021-0030.BIAS	0	22:44	06:09:59.0	+01:56:30	300	90	3.0	#170 h & chi P	2	
0031-0045.FLAT	25	22:53	06:09:59.0	+01:56:30	300	90	3.0	#170 h & chi P	2	
0046-0048.DARK	900	23:26	06:09:59.0	+01:56:30	300	90	3.0	#170 h & chi P	2	
0049.COMP	10	00:14	06:09:59.0	+01:56:30	300	90	3.0	#170 h & chi P	2	
0050.19523356+5734594	600	01:25	19:52:33.6	+57:34:59	300	90	3.0	#141 Mapping t	2	
0051.COMP	10	01:36	19:52:33.6	+57:34:59	300	90	3.0	#141 Mapping t	2	
0052.19531995-1308212	600	01:39	19:53:19.9	-13:08:21	300	90	3.0	#141 Mapping t	2	
0053.COMP	10	01:50	19:53:19.9	-13:08:21	300	90	3.0	#141 Mapping t	2	
0054.19535822+0428356	600	01:56	19:53:58.2	+04:28:36	300	90	3.0	#141 Mapping t	2	
0055.COMP	10	02:06	19:53:58.2	+04:28:36	300	90	3.0	#141 Mapping t	2	
0056.19543652+6521481	600	02:10	19:54:36.5	+65:21:48	300	90	3.0	#141 Mapping t	2	
0057.COMP	10	02:20	19:54:36.5	+65:21:48	300	90	3.0	#141 Mapping t	2	
0058.19544404+5930559	600	02:22	19:54:44.0	+59:30:56	300	90	3.0	#141 Mapping t	2	
0059.COMP	10	02:33	19:54:44.0	+59:30:56	300	90	3.0	#141 Mapping t	2	
0060.19551608+4904037	600	02:35	19:55:16.1	+49:04:04	300	83	3.0	#141 Mapping t	2	
0061.COMP	10	02:45	19:55:16.1	+49:04:04	300	83	3.0	#141 Mapping t	2	
0062.BDp284211	90	02:48	21:51:11.1	+28:51:53	300	83	3.0	#56 Spectropho	2	
0063.BDp284211	90	02:49	21:51:11.1	+28:51:53	300	83	3.0	#56 Spectropho	2	

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0064.COMP	10	02:51	22:11:31.5	+18:05:34	300	83	3.0	#56 Spectropho	2	
0065.BDp174708	45	02:53	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0066.BDp174708	45	02:54	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0067.BDp174708	45	02:54	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0068.COMP	10	02:55	22:11:31.5	+18:05:34	300	90	3.0	#57 Velocity S	2	
0069.N7331	180	02:57	22:37:04.3	+34:24:58	300	90	3.0	#57 Velocity S	2	
0070.COMP	10	03:00	22:37:04.3	+34:24:58	300	90	3.0	#57 Velocity S	2	
0071.COMP	10	03:29	23:38:50.5	-06:33:24	300	-21	3.0	#2 SN Observat	2	
0072.BIAS	0	03:48	23:38:48.8	-06:31:21	300	49	3.0	#170 h & chi P	2	
0073.COMP	10	03:49	23:38:48.8	-06:31:21	300	49	3.0	#170 h & chi P	2	
0074.sn2007le	1200	03:55	23:38:49.3	-06:31:21	300	-7	3.0	#170 h & chi P	2	
0075.COMP	10	04:16	23:38:49.3	-06:31:21	300	-7	3.0	#170 h & chi P	2	
0076.sn2007nq	1800	04:24	00:57:33.6	-01:23:19	300	-25	3.0	#2 SN Observat	2	
0077.COMP	10	04:56	00:57:33.6	-01:23:19	300	-25	3.0	#2 SN Observat	2	
0078.19544404+5930559	600	05:08	19:54:44.0	+59:30:56	300	90	3.0	#141 Mapping t	2	
0079.COMP	10	05:19	19:54:44.0	+59:30:56	300	90	3.0	#141 Mapping t	2	
0080.hxPer244	600	05:32	02:23:48.4	+57:15:02	300	105	3.0	#170 h & chi P	2	
0081.COMP	10	05:43	02:23:48.4	+57:15:02	300	105	3.0	#170 h & chi P	2	
0082.hxPer245	600	05:45	02:18:20.4	+57:32:19	300	91	3.0	#170 h & chi P	2	
0083.COMP	10	05:56	02:20:37.7	+57:00:49	300	91	3.0	#170 h & chi P	2	

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0084.hxPer246	600	05:58	02:20:37.7	+57:00:49	300	88	3.0	#170 h & chi P	2	
0085.COMP	10	06:09	02:20:37.7	+57:00:49	300	88	3.0	#170 h & chi P	2	
0086.hxPer247	600	06:13	02:17:59.4	+56:43:43	300	83	3.0	#170 h & chi P	2	
0087.COMP	10	06:23	02:17:59.4	+56:43:43	300	83	3.0	#170 h & chi P	2	
0088.hxPer248	480	06:26	02:19:29.9	+57:32:52	300	100	3.0	#170 h & chi P	2	
0089.COMP	10	06:35	02:19:29.9	+57:32:52	300	100	3.0	#170 h & chi P	2	
0090.hxPer249	600	06:37	02:17:31.9	+57:29:55	300	100	3.0	#170 h & chi P	2	
0091.COMP	10	06:47	02:17:31.9	+57:29:55	300	100	3.0	#170 h & chi P	2	
0092.hxPer250	600	06:49	02:22:59.1	+57:27:24	300	100	3.0	#170 h & chi P	2	
0093.COMP	10	07:00	02:22:59.1	+57:27:24	300	100	3.0	#170 h & chi P	2	
0094.hxPer251	600	07:05	02:22:38.9	+57:25:00	300	100	3.0	#170 h & chi P	2	
0095.COMP	10	07:16	02:22:38.9	+57:25:00	300	100	3.0	#170 h & chi P	2	
0096.hxPer252	600	07:18	02:21:35.8	+57:17:58	300	90	3.0	#170 h & chi P	2	
0097.COMP	10	07:29	02:21:35.8	+57:17:58	300	90	3.0	#170 h & chi P	2	
0098.hxPer253	600	07:30	02:19:23.8	+57:20:48	300	90	3.0	#170 h & chi P	2	
0099.COMP	10	07:40	02:19:23.8	+57:20:48	300	90	3.0	#170 h & chi P	2	
0100.hxPer254	600	07:42	02:21:02.6	+56:53:42	300	90	3.0	#170 h & chi P	2	
0101.COMP	10	07:52	02:21:02.6	+56:53:42	300	90	3.0	#170 h & chi P	2	
0102.hxPer255	600	07:54	02:22:02.3	+56:46:29	300	90	3.0	#170 h & chi P	2	
0103.COMP	10	08:04	02:22:02.3	+56:46:29	300	90	3.0	#170 h & chi P	2	

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0104.hxPer256	600	08:06	02:22:59.3	+56:43:16	300	90	3.0	#170 h & chi P	2	
0105.COMP	10	08:16	02:22:59.3	+56:43:16	300	90	3.0	#170 h & chi P	2	
0106.hxPer257	600	08:18	02:20:46.1	+56:54:57	300	90	3.0	#170 h & chi P	2	
0107.COMP	10	08:28	02:20:46.1	+56:54:57	300	90	3.0	#170 h & chi P	2	
0108.sn2007gr	1800	08:33	02:43:28.0	+37:20:45	300	-70	3.0	#2 SN Observat	2	
0109.COMP	10	09:03	02:43:28.0	+37:20:45	300	-70	3.0	#2 SN Observat	2	
0110.hxPer257	600	09:08	02:20:46.1	+56:54:57	300	90	3.0	#170 h & chi P	2	
0111.COMP	10	09:19	02:20:46.1	+56:54:57	300	90	3.0	#170 h & chi P	2	
0112.hxPer258	600	09:22	02:22:33.1	+56:49:52	300	90	3.0	#170 h & chi P	2	
0113.COMP	10	09:32	02:22:33.1	+56:49:52	300	90	3.0	#170 h & chi P	2	
0114.hxPer259	600	09:37	02:22:20.5	+57:20:36	300	94	3.0	#170 h & chi P	2	
0115.COMP	10	09:47	02:22:20.5	+57:20:36	300	94	3.0	#170 h & chi P	2	
0116.hxPer260	600	09:51	02:23:17.2	+57:08:57	300	94	3.0	#170 h & chi P	2	
0117.COMP	10	10:02	02:23:17.2	+57:08:57	300	94	3.0	#170 h & chi P	2	
0118.hxPer261	600	10:05	02:17:29.3	+56:50:24	300	110	3.0	#170 h & chi P	2	
0119.COMP	10	10:16	02:17:29.3	+56:50:24	300	110	3.0	#170 h & chi P	2	
0120.hxPer262	600	10:17	02:19:59.3	+57:21:44	300	90	3.0	#170 h & chi P	2	
0121.COMP	10	10:28	02:19:59.3	+57:21:44	300	90	3.0	#170 h & chi P	2	
0122.hxPer263	600	10:29	02:22:21.2	+57:23:57	300	90	3.0	#170 h & chi P	2	
0123.COMP	10	10:40	02:22:21.2	+57:23:57	300	90	3.0	#170 h & chi P	2	

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0124.hxPer264	600	10:42	02:17:28.9	+56:55:44	300	90	3.0	#170 h & chi P	2	
0125.COMP	10	10:52	02:17:28.9	+56:55:44	300	90	3.0	#170 h & chi P	2	
0126.hxPer265	600	10:54	02:19:06.4	+56:50:46	300	78	3.0	#170 h & chi P	2	
0127.COMP	10	11:05	02:19:06.4	+56:50:46	300	78	3.0	#170 h & chi P	2	
0128.hxPer266	600	11:07	02:20:08.0	+57:23:17	300	85	3.0	#170 h & chi P	2	
0129.COMP	10	11:17	02:20:08.0	+57:23:17	300	85	3.0	#170 h & chi P	2	
0130.hxPer267	600	11:21	02:17:38.6	+56:50:04	300	95	3.0	#170 h & chi P	2	
0131.COMP	10	11:32	02:17:38.6	+56:50:04	300	95	3.0	#170 h & chi P	2	
0132.cvso-095875	600	11:41	06:09:59.0	+01:56:30	300	90	3.0	#112 Orion PMS	2	
0133.COMP	10	11:52	06:09:59.0	+01:56:30	300	90	3.0	#112 Orion PMS	2	
0134.cvso-096067	600	11:53	06:10:03.7	+02:07:56	300	90	3.0	#112 Orion PMS	2	
0135.COMP	10	12:03	06:10:03.7	+02:07:56	300	90	3.0	#112 Orion PMS	2	
0136.cvso-096349	600	12:07	06:10:12.9	+02:02:20	300	90	3.0	#112 Orion PMS	2	
0137.COMP	10	12:18	06:10:12.9	+02:02:20	300	90	3.0	#112 Orion PMS	2	
0138.cvso-096641	600	12:21	06:10:20.8	+02:03:50	300	75	3.0	#112 Orion PMS	2	
0139.COMP	10	12:31	06:10:20.8	+02:03:50	300	75	3.0	#112 Orion PMS	2	
0140.cvso-097207	600	12:35	06:10:39.6	+02:09:12	300	90	3.0	#112 Orion PMS	2	
0141.COMP	10	12:46	06:10:39.6	+02:09:12	300	90	3.0	#112 Orion PMS	2	
0142-0151.BIAS	0	12:56	06:10:47.4	+01:54:05	300	90	3.0	#170 h & chi P	4	
0152-0161.FLAT	12	12:59	06:10:47.4	+01:54:05	300	90	3.0	#170 h & chi P	4	

UT Date 2007-11-03 Observers T CurrieColl. Focus 1320 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>
0162-0171.BIAS	0	13:01	06:10:47.4	+01:54:05	300	90	3.0	#170 h & chi P	2	
0172-0186.FLAT	25	13:09	06:10:47.4	+01:54:05	300	90	3.0	#170 h & chi P	2	
0187-0201.DARK	900	16:46	06:10:47.4	+01:54:05	300	90	3.0	#170 h & chi P	2	

UT Date 2007-11-04 Observers M CalkinsColl. Focus 1320 Grating/Grism 300

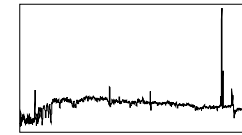
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.BIAS	0	01:32	20:57:18.1	+31:28:34	300	90	3.0	#170 h & chi P	2	
0011-0030.FLAT	25	01:45	20:57:18.1	+31:28:34	300	90	3.0	#170 h & chi P	2	
0031.BDp284211	70	02:02	21:51:11.1	+28:51:53	300	110	3.0	#56 Spectropho	2	
0032.COMP	12	02:04	21:51:11.1	+28:51:53	300	110	3.0	#56 Spectropho	2	
0033.BDp174708	24	02:07	22:11:31.5	+18:05:34	300	-29	3.0	#56 Spectropho	2	
0034.BDp174708	24	02:08	22:11:31.5	+18:05:34	300	-29	3.0	#56 Spectropho	2	
0035.BDp174708	24	02:09	22:11:31.5	+18:05:34	300	-29	3.0	#56 Spectropho	2	
0036.COMP	12	02:10	22:11:31.5	+18:05:34	300	-29	3.0	#56 Spectropho	2	
0037.sn2007od	1020	02:44	23:55:48.7	+18:24:55	300	110	3.0	#2 SN Observat	2	
0038.COMP	12	03:02	23:55:48.7	+18:24:55	300	110	3.0	#2 SN Observat	2	
0039.fmfs528	1500	03:05	22:06:52.7	-05:37:12	300	90	3.0	#171 Local Uni	2	
0040.COMP	12	03:31	22:06:52.7	-05:37:12	300	90	3.0	#171 Local Uni	2	
0041.fmfs532	1500	03:33	22:07:19.4	-05:44:14	300	90	3.0	#171 Local Uni	2	
0042.COMP	12	03:59	22:07:19.4	-05:44:14	300	90	3.0	#171 Local Uni	2	
0043.fmfs533	900	04:03	22:07:21.6	-05:30:20	300	60	3.0	#171 Local Uni	2	
0044.COMP	12	04:19	22:07:21.6	-05:30:20	300	60	3.0	#171 Local Uni	2	
0045.fmfs042	420	04:22	01:19:27.8	-13:53:18	300	90	3.0	#171 Local Uni	2	
0046.COMP	12	04:29	01:19:27.8	-13:53:18	300	90	3.0	#171 Local Uni	2	
0047.fmfs043	480	04:31	01:19:39.5	-13:31:05	300	90	3.0	#171 Local Uni	2	
0048.COMP	12	04:39	01:19:39.5	-13:31:05	300	90	3.0	#171 Local Uni	2	

UT Date 2007-11-04 Observers M CalkinsColl. Focus 1320 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>
0049.fmfs044	300	04:41	01:19:50.3	-13:33:20	300	90	3.0	#171 Local Uni	2	
0050.COMP	12	04:46	01:19:50.3	-13:33:20	300	90	3.0	#171 Local Uni	2	
0051.fmfs045	270	04:48	01:19:52.5	-13:34:56	300	90	3.0	#171 Local Uni	2	
0052.COMP	12	04:53	01:19:52.5	-13:34:56	300	90	3.0	#171 Local Uni	2	
0053.fmfs046	240	04:55	01:19:53.2	-13:44:09	300	90	3.0	#171 Local Uni	2	
0054.COMP	12	04:59	01:19:53.2	-13:44:09	300	90	3.0	#171 Local Uni	2	
0055.fmfs047	660	05:01	01:19:53.6	-13:52:16	300	90	3.0	#171 Local Uni	2	
0056.COMP	12	05:13	01:19:53.6	-13:52:16	300	90	3.0	#171 Local Uni	2	
0057.fmfs048	1200	05:14	01:20:06.4	-13:27:59	300	90	3.0	#171 Local Uni	2	
0058.COMP	12	05:34	01:20:06.4	-13:27:59	300	90	3.0	#171 Local Uni	2	
0059.fmfs049	480	05:37	01:20:21.0	-14:08:46	300	90	3.0	#171 Local Uni	2	
0060.COMP	12	05:46	01:20:21.0	-14:08:46	300	90	3.0	#171 Local Uni	2	
0061.fmfs050	660	05:47	01:20:22.2	-13:42:45	300	90	3.0	#171 Local Uni	2	
0062.COMP	12	05:59	01:20:22.2	-13:42:45	300	90	3.0	#171 Local Uni	2	
0063.fmfs051	420	06:00	01:20:27.1	-13:54:42	300	90	3.0	#171 Local Uni	2	
0064.COMP	12	06:07	01:20:27.1	-13:54:42	300	90	3.0	#171 Local Uni	2	
0065.fmfs052	420	06:08	01:20:31.8	-13:58:25	300	90	3.0	#171 Local Uni	2	
0066.COMP	12	06:17	01:20:31.8	-13:58:25	300	90	3.0	#171 Local Uni	2	
0067.fmfs053	1020	06:18	01:20:38.6	-14:03:18	300	90	3.0	#171 Local Uni	2	
0068.COMP	12	06:36	01:20:38.6	-14:03:18	300	90	3.0	#171 Local Uni	2	

UT Date 2007-11-04 Observers M CalkinsColl. Focus 1320 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0069.fmfs054	420	06:37	01:20:43.5	-13:45:54	300	90	3.0	#171 Local Uni	2	
0070.COMP	12	06:45	01:20:43.5	-13:45:54	300	90	3.0	#171 Local Uni	2	
0071.fmfs055	600	06:46	01:20:45.7	-13:38:06	300	90	3.0	#171 Local Uni	2	
0072.COMP	12	06:57	01:20:45.7	-13:38:06	300	90	3.0	#171 Local Uni	2	
0073.fmfs056	360	06:59	01:20:46.9	-14:18:25	300	90	3.0	#171 Local Uni	2	
0074.COMP	12	07:05	01:20:46.9	-14:18:25	300	90	3.0	#171 Local Uni	2	
0075.sn20071e	1200	07:11	23:38:48.4	-06:31:21	300	46	3.0	#2 SN Observat	2	
0076.COMP	12	07:32	23:38:48.4	-06:31:21	300	46	3.0	#2 SN Observat	2	
0077.sn2007kk	1800	07:35	03:42:23.3	+39:14:30	300	65	3.0	#2 SN Observat	2	
0078.COMP	12	08:06	03:42:23.3	+39:14:30	300	65	3.0	#2 SN Observat	2	
0079.hxPer468	180	08:09	02:17:18.1	+57:22:30	300	90	3.0	#170 h & chi P	2	
0080.COMP	12	08:12	02:17:18.1	+57:22:30	300	90	3.0	#170 h & chi P	2	
0081.hxPer469	300	08:17	02:19:32.6	+56:55:37	300	90	3.0	#170 h & chi P	2	
0082.COMP	12	08:23	02:19:32.6	+56:55:37	300	90	3.0	#170 h & chi P	2	
0083.hxPer470	300	08:25	02:23:10.5	+56:51:53	300	90	3.0	#170 h & chi P	2	
0084.COMP	12	08:31	02:23:10.5	+56:51:53	300	90	3.0	#170 h & chi P	2	
0085.hxPer471	300	08:34	02:17:40.5	+56:46:13	300	90	3.0	#170 h & chi P	2	
0086.COMP	12	08:40	02:17:40.5	+56:46:13	300	90	3.0	#170 h & chi P	2	
0087.IPHAS_B389	300	08:41	04:41:06.0	+47:43:45	300	90	3.0	#157 IPHAS	2	
0088.COMP	12	08:47	04:41:06.0	+47:43:45	300	90	3.0	#157 IPHAS	2	

UT Date 2007-11-04 Observers M CalkinsColl. Focus 1320 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>
0089.IPHAS_B390	300	08:48	04:41:08.7	+45:39:18	300	90	3.0	#157 IPHAS	2	
0090.COMP	12	08:54	04:41:08.7	+45:39:18	300	90	3.0	#157 IPHAS	2	
0091.IPHAS_B396	900	08:56	05:26:57.5	+31:14:19	300	90	3.0	#157 IPHAS	2	
0092.COMP	12	09:11	05:26:57.5	+31:14:19	300	90	3.0	#157 IPHAS	2	
0093.IPHAS_B398	1200	09:13	05:29:30.9	+29:14:16	300	90	3.0	#157 IPHAS	2	row=87
0094.COMP	12	09:34	05:29:30.9	+29:14:16	300	90	3.0	#157 IPHAS	2	
0095.IPHAS_B399	1200	09:36	05:30:18.1	+31:35:59	300	90	3.0	#157 IPHAS	2	
0096.COMP	12	09:57	05:30:18.1	+31:35:59	300	90	3.0	#157 IPHAS	2	
0097.IPHAS_B401	1200	09:58	05:32:58.0	+25:54:38	300	90	3.0	#157 IPHAS	2	
0098.COMP	12	10:19	05:32:58.0	+25:54:38	300	90	3.0	#157 IPHAS	2	
0099.IPHAS_B402	1200	10:21	05:33:09.3	+32:50:31	300	100	3.0	#157 IPHAS	2	
0100.COMP	12	10:41	05:33:09.3	+32:50:31	300	100	3.0	#157 IPHAS	2	
0101.IPHAS_B403	1020	10:42	05:33:50.7	+30:42:54	300	90	3.0	#157 IPHAS	2	
0102.COMP	12	11:00	05:33:50.7	+30:42:54	300	90	3.0	#157 IPHAS	2	
0103.IPHAS_B404	150	11:01	05:34:47.5	+26:03:32	300	90	3.0	#157 IPHAS	2	
0104.COMP	12	11:04	05:34:47.5	+26:03:32	300	90	3.0	#157 IPHAS	2	
0105.IPHAS_B406	1020	11:05	05:34:40.8	+25:42:38	300	90	3.0	#157 IPHAS	2	
0106.COMP	12	11:23	05:34:40.8	+25:42:38	300	90	3.0	#157 IPHAS	2	
0107.IPHAS_B407	1020	11:25	05:34:18.9	+27:50:32	300	20	3.0	#157 IPHAS	2	
0108.COMP	12	11:42	05:34:18.9	+27:50:32	300	20	3.0	#157 IPHAS	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0109.IPHAS.B408	900	11:44	05:34:29.8	+24:34:09	300	90	3.0	#157 IPHAS	2	
0110.COMP	12	12:00	05:34:29.8	+24:34:09	300	90	3.0	#157 IPHAS	2	
0111.IPHAS.B410	1020	12:01	05:35:30.6	+32:23:43	300	90	3.0	#157 IPHAS	2	
0112.COMP	12	12:19	05:35:30.6	+32:23:43	300	90	3.0	#157 IPHAS	2	
0113.cvso-097444	300	12:20	06:10:47.4	+01:54:05	300	90	3.0	#112 Orion PMS	2	
0114.COMP	12	12:26	06:10:47.4	+01:54:05	300	90	3.0	#112 Orion PMS	2	
0115.cvso-097700	240	12:27	06:10:56.1	+01:52:58	300	90	3.0	#112 Orion PMS	2	
0116.COMP	12	12:32	06:10:56.1	+01:52:58	300	90	3.0	#112 Orion PMS	2	
0117.cvso-097721	360	12:34	06:10:56.6	+02:15:47	300	90	3.0	#112 Orion PMS	2	
0118.COMP	12	12:41	06:10:56.6	+02:15:47	300	90	3.0	#112 Orion PMS	2	
0119.HD52071	5	12:43	07:00:58.0	+27:09:26	300	90	3.0	#57 Velocity S	2	
0120.COMP	12	12:43	07:00:58.0	+27:09:26	300	90	3.0	#57 Velocity S	2	
0121.HD52071	2	12:44	07:00:58.0	+27:09:26	300	90	3.0	#57 Velocity S	2	
0122.COMP	12	12:45	07:00:58.0	+27:09:26	300	90	3.0	#57 Velocity S	2	
0123-0132.BIAS	0	13:00	07:00:58.0	+27:09:26	300	90	3.0	#2 SN Observat	2	
0133-0152.FLAT	25	13:14	07:00:58.0	+27:09:26	300	90	3.0	#2 SN Observat	2	
0153-0172.DARK	900	18:06	07:00:58.0	+27:09:26	300	90	3.0	#2 SN Observat	2	

UT Date 2007-11-05 Observers M CalkinsColl. Focus 1320 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0005.DARK	900	00:52	07:00:58.0	+27:09:26	300	90	3.0	#2 SN Observat	2	
0006-0015.BIAS	0	01:19	07:00:58.0	+27:09:26	300	90	3.0	#2 SN Observat	2	
0016-0035.FLAT	25	01:31	07:00:58.0	+27:09:26	300	90	3.0	#2 SN Observat	2	
0036.N7331	120	01:41	22:37:04.3	+34:24:58	300	90	3.0	#57 Velocity S	2	
0037.COMP	12	01:43	22:37:04.3	+34:24:58	300	90	3.0	#57 Velocity S	2	
0038.BDp284211	70	01:46	21:51:11.1	+28:51:53	300	110	3.0	#56 Spectropho	2	
0039.COMP	12	01:48	21:51:11.1	+28:51:53	300	110	3.0	#56 Spectropho	2	
0040.BDp174708	24	01:51	22:11:31.5	+18:05:34	300	-35	3.0	#56 Spectropho	2	
0041.BDp174708	24	01:52	22:11:31.5	+18:05:34	300	-35	3.0	#56 Spectropho	2	
0042.BDp174708	24	01:52	22:11:31.5	+18:05:34	300	-35	3.0	#56 Spectropho	2	
0043.COMP	12	01:53	22:11:31.5	+18:05:34	300	-35	3.0	#56 Spectropho	2	
0044.fmf329	1200	02:02	22:35:10.1	+01:41:11	300	80	3.0	#171f Local Un	2	
0045.COMP	12	02:23	22:35:10.1	+01:41:11	300	80	3.0	#171f Local Un	2	
0046.fmf334	1020	02:25	22:35:26.8	+01:29:25	300	90	3.0	#171f Local Un	2	
0047.COMP	12	02:42	22:35:26.8	+01:29:25	300	90	3.0	#171f Local Un	2	
0048.fmf335	900	02:44	22:35:37.0	+01:33:29	300	90	3.0	#171f Local Un	2	
0049.COMP	12	03:00	22:35:37.0	+01:33:29	300	90	3.0	#171f Local Un	2	
0050.fmf336	1200	03:01	22:35:37.2	+01:19:57	300	90	3.0	#171f Local Un	2	
0051.COMP	12	03:22	22:35:37.2	+01:19:57	300	90	3.0	#171f Local Un	2	
0052.fmf337	780	03:23	22:35:37.5	+01:35:28	300	90	3.0	#171f Local Un	2	

UT Date 2007-11-05 Observers M CalkinsColl. Focus 1320 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>
0053.COMP	12	03:37	22:35:37.5	+01:35:28	300	90	3.0	#171f Local Un	2	
0054.sn20071e	1200	03:41	23:38:48.4	-06:31:21	300	-9	3.0	#2 SN Observat	2	
0055.COMP	12	04:01	23:38:48.4	-06:31:21	300	-9	3.0	#2 SN Observat	2	
0056.sn2007od	1200	04:05	23:55:48.7	+18:24:55	300	-18	3.0	#2 SN Observat	2	
0057.COMP	12	04:25	23:55:48.7	+18:24:55	300	-18	3.0	#2 SN Observat	2	
0058.fmfs057	960	04:29	01:20:52.6	-13:49:38	300	90	3.0	#171 Local Uni	2	
0059.COMP	12	04:46	01:20:52.6	-13:49:38	300	90	3.0	#171 Local Uni	2	
0060.fmfs058	240	04:53	01:20:53.5	-13:32:02	300	95	3.0	#171 Local Uni	2	
0061.COMP	12	04:57	01:20:53.5	-13:32:02	300	95	3.0	#171 Local Uni	2	
0062.fmfs059	540	04:58	01:20:55.2	-13:31:13	300	95	3.0	#171 Local Uni	2	
0063.COMP	12	05:08	01:20:55.2	-13:31:13	300	95	3.0	#171 Local Uni	2	
0064.fmfs060	240	05:09	01:20:58.2	-13:50:25	300	90	3.0	#171 Local Uni	2	
0065.COMP	12	05:14	01:20:58.2	-13:50:25	300	90	3.0	#171 Local Uni	2	
0066.fmfs061	240	05:15	01:21:01.3	-13:51:03	300	80	3.0	#171 Local Uni	2	
0067.COMP	12	05:20	01:21:01.3	-13:51:03	300	80	3.0	#171 Local Uni	2	
0068.fmfs062	300	05:21	01:21:08.4	-13:48:58	300	90	3.0	#171 Local Uni	2	
0069.COMP	12	05:41	01:21:08.4	-13:48:58	300	90	3.0	#171 Local Uni	2	
0070.fmfs063	330	05:42	01:21:10.1	-13:50:36	300	90	3.0	#171 Local Uni	2	
0071.COMP	12	05:50	01:21:10.1	-13:50:36	300	90	3.0	#171 Local Uni	2	
0072.fmfs064	330	05:51	01:21:12.5	-14:14:37	300	90	3.0	#171 Local Uni	2	

UT Date 2007-11-05 Observers M CalkinsColl. Focus 1320 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>
0073.COMP	12	05:57	01:21:12.5	-14:14:37	300	90	3.0	#171 Local Uni	2	
0074.fmfs065	360	05:58	01:21:15.8	-13:47:38	300	90	3.0	#171 Local Uni	2	
0075.COMP	12	06:04	01:21:15.8	-13:47:38	300	90	3.0	#171 Local Uni	2	
0076.fmfs066	240	06:06	01:21:19.7	-13:27:41	300	90	3.0	#171 Local Uni	2	
0077.COMP	12	06:10	01:21:19.7	-13:27:41	300	90	3.0	#171 Local Uni	2	
0078.fmfs067	210	06:11	01:21:21.7	-13:45:47	300	90	3.0	#171 Local Uni	2	
0079.COMP	12	06:15	01:21:21.7	-13:45:47	300	90	3.0	#171 Local Uni	2	
0080.fmfs068	360	06:16	01:21:26.0	-14:11:17	300	90	3.0	#171 Local Uni	2	
0081.COMP	12	06:23	01:21:26.0	-14:11:17	300	90	3.0	#171 Local Uni	2	
0082.fmfs069	420	06:24	01:21:28.6	-13:33:42	300	90	3.0	#171 Local Uni	2	
0083.COMP	12	06:32	01:21:28.6	-13:33:42	300	90	3.0	#171 Local Uni	2	
0084.fmfs070	300	06:33	01:21:30.9	-13:42:42	300	90	3.0	#171 Local Uni	2	
0085.COMP	12	06:38	01:21:30.9	-13:42:42	300	90	3.0	#171 Local Uni	2	
0086.fmfs071	720	06:40	01:21:34.6	-13:32:51	300	90	3.0	#171 Local Uni	2	
0087.COMP	12	06:53	01:21:34.6	-13:32:51	300	90	3.0	#171 Local Uni	2	
0088.fmfs072	300	06:54	01:21:36.6	-13:54:19	300	90	3.0	#171 Local Uni	2	
0089.COMP	12	07:00	01:21:36.6	-13:54:19	300	90	3.0	#171 Local Uni	2	
0090.fmfs073	380	07:01	01:21:50.9	-13:44:07	300	90	3.0	#171 Local Uni	2	
0091.COMP	12	07:08	01:21:50.9	-13:44:07	300	90	3.0	#171 Local Uni	2	
0092.fmfs074	1320	07:09	01:21:58.7	-13:36:22	300	90	3.0	#171 Local Uni	2	

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0093.COMP	12	07:32	01:21:58.7	-13:36:22	300	90	3.0	#171 Local Uni	2	
0094.fmfs075	360	07:34	01:22:11.4	-01:19:18	300	90	3.0	#171 Local Uni	2	
0095.COMP	12	07:40	01:22:11.4	-01:19:18	300	90	3.0	#171 Local Uni	2	
0096.fmfs076	330	07:41	01:22:12.7	-13:39:44	300	90	3.0	#171 Local Uni	2	
0097.COMP	12	07:47	01:22:12.7	-13:39:44	300	90	3.0	#171 Local Uni	2	
0098.sn2007if	1800	07:52	01:10:51.4	+15:27:40	300	50	3.0	#2 SN Observat	2	got it! (just barely!)
0099.COMP	12	08:23	01:10:51.4	+15:27:40	300	50	3.0	#2 SN Observat	2	
0100.cvso-060344	660	08:27	05:41:50.8	+02:34:17	300	90	3.0	#112 Orion PMS	2	
0101.COMP	12	08:39	05:41:50.8	+02:34:17	300	90	3.0	#112 Orion PMS	2	
0102.cvso-061019	300	08:41	05:42:25.0	+02:50:33	300	85	3.0	#112 Orion PMS	2	
0103.COMP	12	08:47	05:42:25.0	+02:50:33	300	85	3.0	#112 Orion PMS	2	
0104.cvso-063565	600	08:49	05:44:18.9	+02:22:19	300	110	3.0	#112 Orion PMS	2	
0105.COMP	12	08:59	05:44:18.9	+02:22:19	300	110	3.0	#112 Orion PMS	2	
0106.cvso-063987	210	09:01	05:44:39.0	+02:37:44	300	90	3.0	#112 Orion PMS	2	
0107.COMP	12	09:05	05:44:39.0	+02:37:44	300	90	3.0	#112 Orion PMS	2	
0108.cvso-064476	180	09:06	05:44:59.8	+02:37:53	300	90	3.0	#112 Orion PMS	2	
0109.COMP	12	09:10	05:44:59.8	+02:37:53	300	90	3.0	#112 Orion PMS	2	
0110.cvso-064544	120	09:11	05:45:03.5	+02:50:42	300	90	3.0	#112 Orion PMS	2	
0111.COMP	12	09:13	05:45:03.5	+02:50:42	300	90	3.0	#112 Orion PMS	2	
0112.cvso-065430	150	09:15	05:45:46.3	+02:20:52	300	90	3.0	#112 Orion PMS	2	

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0113.COMP	12	09:18	05:45:46.3	+02:20:52	300	90	3.0	#112 Orion PMS	2	
0114.Phaethon	420	09:21	07:47:18.0	+31:30:55	300	100	3.0	#173 Small Sol	2	
0115.COMP	12	09:29	07:47:18.0	+31:30:55	300	100	3.0	#173 Small Sol	2	
0116.HD28099	1	09:33	04:26:40.1	+16:44:49	300	90	3.0	#173 Small Sol	2	
0117.COMP	12	09:34	04:26:40.1	+16:44:49	300	90	3.0	#173 Small Sol	2	
0118.Phaethon	240	09:38	07:47:18.0	+31:30:55	300	100	3.0	#173 Small Sol	2	
0119.COMP	12	09:42	07:47:18.0	+31:30:55	300	100	3.0	#173 Small Sol	2	
0120.Phaethon	300	09:43	07:47:18.0	+31:30:55	300	100	3.0	#173 Small Sol	2	
0121.COMP	12	09:49	07:47:18.0	+31:30:55	300	100	3.0	#173 Small Sol	2	
0122.Phaethon	300	09:49	07:47:18.0	+31:30:55	300	100	3.0	#173 Small Sol	2	
0123.COMP	12	09:55	07:47:18.0	+31:30:55	300	100	3.0	#173 Small Sol	2	
0124.Phaethon	300	09:55	07:47:18.0	+31:30:55	300	100	3.0	#173 Small Sol	2	
0125.COMP	12	10:01	07:47:18.0	+31:30:55	300	100	3.0	#173 Small Sol	2	
0126.Phaethon	300	10:02	07:47:18.0	+31:30:55	300	100	3.0	#173 Small Sol	2	
0127.COMP	12	10:07	07:47:18.0	+31:30:55	300	100	3.0	#173 Small Sol	2	
0128.Phaethon	300	10:08	07:47:18.0	+31:30:55	300	100	3.0	#173 Small Sol	2	
0129.COMP	12	10:13	07:47:18.0	+31:30:55	300	100	3.0	#173 Small Sol	2	
0130.Phaethon	300	10:14	07:47:18.0	+31:30:55	300	90	3.0	#173 Small Sol	2	
0131.COMP	12	10:21	07:47:18.0	+31:30:55	300	90	3.0	#173 Small Sol	2	
0132.Phaethon	300	10:23	07:47:18.0	+31:30:55	300	90	3.0	#173 Small Sol	2	

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0133.COMP	12	10:28	07:47:18.0	+31:30:55	300	90	3.0	#173 Small Sol	2	
0134.HD28099	1	10:30	04:26:40.1	+16:44:49	300	90	3.0	#173 Small Sol	2	
0135.COMP	12	10:31	04:26:40.1	+16:44:49	300	90	3.0	#173 Small Sol	2	
0136.Phaethon	300	10:33	07:47:18.0	+31:30:55	300	70	3.0	#173 Small Sol	2	
0137.COMP	12	10:38	07:47:18.0	+31:30:55	300	70	3.0	#173 Small Sol	2	
0138.Phaethon	300	10:39	07:47:18.0	+31:30:55	300	70	3.0	#173 Small Sol	2	
0139.COMP	12	10:44	07:47:18.0	+31:30:55	300	70	3.0	#173 Small Sol	2	
0140.Phaethon	300	10:45	07:47:18.0	+31:30:55	300	70	3.0	#173 Small Sol	2	
0141.COMP	12	10:51	07:47:18.0	+31:30:55	300	70	3.0	#173 Small Sol	2	
0142.Phaethon	300	10:51	07:47:18.0	+31:30:55	300	70	3.0	#173 Small Sol	2	
0143.COMP	12	10:57	07:47:18.0	+31:30:55	300	70	3.0	#173 Small Sol	2	
0144.Phaethon	300	10:58	07:47:18.0	+31:30:55	300	70	3.0	#173 Small Sol	2	
0145.COMP	12	11:03	07:47:18.0	+31:30:55	300	70	3.0	#173 Small Sol	2	
0146.Phaethon	300	11:05	07:47:18.0	+31:30:55	300	50	3.0	#173 Small Sol	2	
0147.COMP	12	11:10	07:47:18.0	+31:30:55	300	50	3.0	#173 Small Sol	2	
0148.Phaethon	300	11:11	07:47:18.0	+31:30:55	300	50	3.0	#173 Small Sol	2	sweeping star
0149.COMP	12	11:17	07:47:18.0	+31:30:55	300	50	3.0	#173 Small Sol	2	
0150.Phaethon	300	11:17	07:47:18.0	+31:30:55	300	50	3.0	#173 Small Sol	2	sweeping star, row=82
0151.COMP	12	11:23	07:47:18.0	+31:30:55	300	50	3.0	#173 Small Sol	2	
0152.HD76151	1	11:25	08:54:17.9	-05:26:04	300	90	3.0	#173 Small Sol	2	

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0153.COMP	12	11:26	08:54:17.9	-05:26:04	300	90	3.0	#173 Small Sol	2	
0154.HD76151	0	11:26	08:54:17.9	-05:26:04	300	90	3.0	#173 Small Sol	2	
0155.COMP	12	11:27	08:54:17.9	-05:26:04	300	90	3.0	#173 Small Sol	2	
0156.Phaethon	300	11:29	07:47:18.0	+31:30:55	300	50	3.0	#173 Small Sol	2	
0157.COMP	12	11:34	07:47:18.0	+31:30:55	300	50	3.0	#173 Small Sol	2	
0158.Phaethon	300	11:35	07:47:18.0	+31:30:55	300	50	3.0	#173 Small Sol	2	
0159.COMP	12	11:40	07:47:18.0	+31:30:55	300	50	3.0	#173 Small Sol	2	
0160.Phaethon	300	11:41	07:47:18.0	+31:30:55	300	50	3.0	#173 Small Sol	2	
0161.COMP	12	11:47	07:47:18.0	+31:30:55	300	50	3.0	#173 Small Sol	2	
0162.Phaethon	300	11:47	07:47:18.0	+31:30:55	300	50	3.0	#173 Small Sol	2	
0163.COMP	12	11:53	07:47:18.0	+31:30:55	300	50	3.0	#173 Small Sol	2	
0164.Phaethon	300	11:53	07:47:18.0	+31:30:55	300	50	3.0	#173 Small Sol	2	
0165.COMP	12	11:59	07:47:18.0	+31:30:55	300	50	3.0	#173 Small Sol	2	
0166.Phaethon	300	12:00	07:47:18.0	+31:30:55	300	50	3.0	#173 Small Sol	2	
0167.COMP	12	12:05	07:47:18.0	+31:30:55	300	50	3.0	#173 Small Sol	2	
0168.Phaethon	300	12:06	07:47:18.0	+31:30:55	300	50	3.0	#173 Small Sol	2	row=82
0169.COMP	12	12:11	07:47:18.0	+31:30:55	300	50	3.0	#173 Small Sol	2	
0170.Phaethon	300	12:12	07:47:18.0	+31:30:55	300	50	3.0	#173 Small Sol	2	
0171.COMP	12	12:18	07:47:18.0	+31:30:55	300	50	3.0	#173 Small Sol	2	
0172.Phaethon	300	12:18	07:47:18.0	+31:30:55	300	50	3.0	#173 Small Sol	2	

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0173.COMP	12	12:24	07:47:18.0	+31:30:55	300	50	3.0	#173 Small Sol	2	
0174.Phaethon	300	12:25	07:47:18.0	+31:30:55	300	50	3.0	#173 Small Sol	2	
0175.COMP	12	12:31	07:47:18.0	+31:30:55	300	50	3.0	#173 Small Sol	2	
0176.Phaethon	300	12:32	07:47:18.0	+31:30:55	300	50	3.0	#173 Small Sol	2	
0177.COMP	12	12:37	07:47:18.0	+31:30:55	300	50	3.0	#173 Small Sol	2	
0178.Phaethon	300	12:38	07:47:18.0	+31:30:55	300	50	3.0	#173 Small Sol	2	
0179.COMP	12	12:44	07:47:18.0	+31:30:55	300	50	3.0	#173 Small Sol	2	
0180.Phaethon	300	12:44	07:47:18.0	+31:30:55	300	50	3.0	#173 Small Sol	2	
0181.COMP	12	12:50	07:47:18.0	+31:30:55	300	50	3.0	#173 Small Sol	2	
0182.HD76151	0	12:52	08:54:17.9	-05:26:04	300	90	3.0	#173 Small Sol	2	
0183.HD76151	0	12:52	08:54:17.9	-05:26:04	300	90	3.0	#173 Small Sol	2	
0184.HD76151	0	12:52	08:54:17.9	-05:26:04	300	90	3.0	#173 Small Sol	2	
0185.COMP	12	12:52	08:54:17.9	-05:26:04	300	90	3.0	#173 Small Sol	2	
0186-0195.BIAS	0	12:56	08:54:17.9	-05:26:04	300	90	3.0	#173 Small Sol	2	
0196-0215.FLAT	25	13:12	08:54:17.9	-05:26:04	300	90	3.0	#173 Small Sol	2	
0216-0230.DARK	900	16:52	08:54:17.9	-05:26:04	300	90	3.0	#173 Small Sol	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	00:55	08:54:17.9	-05:26:04	300	90	3.0	#173 Small Sol	2	
0006-0015.BIAS	0	01:15	08:54:17.9	-05:26:04	300	90	3.0	#173 Small Sol	2	
0016-0035.FLAT	25	01:30	08:54:17.9	-05:26:04	300	90	3.0	#173 Small Sol	2	
0036.N7331	150	02:13	22:37:04.3	+34:24:58	300	90	3.0	#57 Velocity S	2	
0037.COMP	12	02:16	22:37:04.3	+34:24:58	300	90	3.0	#57 Velocity S	2	
0038.BDp284211	120	02:18	21:51:11.1	+28:51:53	300	8	3.0	#56 Spectropho	2	
0039.COMP	12	02:21	21:51:11.1	+28:51:53	300	8	3.0	#56 Spectropho	2	
0040.BDp174708	28	02:23	22:11:31.5	+18:05:34	300	-12	3.0	#56 Spectropho	2	
0041.BDp174708	28	02:24	22:11:31.5	+18:05:34	300	-12	3.0	#56 Spectropho	2	
0042.BDp174708	28	02:25	22:11:31.5	+18:05:34	300	-12	3.0	#56 Spectropho	2	
0043.COMP	12	02:26	22:11:31.5	+18:05:34	300	-12	3.0	#56 Spectropho	2	
0044.sn2007od	1800	02:31	23:55:48.7	+18:24:55	300	110	3.0	#2 SN Observat	2	
0045.COMP	12	03:02	23:55:48.7	+18:24:55	300	110	3.0	#2 SN Observat	2	
0046.sn2007le	1800	03:05	23:38:48.4	-06:31:21	300	-19	3.0	#2 SN Observat	2	
0047.COMP	12	03:36	23:38:48.4	-06:31:21	300	-19	3.0	#2 SN Observat	2	
0048.hxPer436	360	03:44	02:21:10.4	+57:30:48	300	90	3.0	#170 h & chi P	2	
0049.COMP	12	03:51	02:21:10.4	+57:30:48	300	90	3.0	#170 h & chi P	2	
0050.hxPer236	720	03:55	02:22:37.9	+57:03:12	300	21	3.0	#170 h & chi P	2	redo
0051.COMP	12	04:08	02:22:37.9	+57:03:12	300	21	3.0	#170 h & chi P	2	
0052.hxPer241	600	04:10	02:22:39.4	+56:56:58	300	90	3.0	#170 h & chi P	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0053.COMP	12	04:21	02:22:39.4	+56:56:58	300	90	3.0	#170 h & chi P	2	
0054.22532771+3339069	600	04:26	22:53:27.7	+33:39:07	300	90	3.0	#141 Mapping t	2	
0055.COMP	12	04:36	22:53:27.7	+33:39:07	300	90	3.0	#141 Mapping t	2	
0056.23074944-1236479	300	04:39	23:07:49.4	-12:36:48	300	90	3.0	#141 Mapping t	2	
0057.COMP	12	04:44	23:07:49.4	-12:36:48	300	90	3.0	#141 Mapping t	2	
0058.23110000+1620588	240	04:46	23:11:00.0	+16:20:59	300	80	3.0	#141 Mapping t	2	
0059.COMP	12	04:51	23:11:00.0	+16:20:59	300	80	3.0	#141 Mapping t	2	
0060.23124204+1718134	210	04:52	23:12:42.0	+17:18:13	300	90	3.0	#141 Mapping t	2	
0061.COMP	12	04:57	23:12:42.0	+17:18:13	300	90	3.0	#141 Mapping t	2	
0062.23160444+2841432	180	04:58	23:16:04.4	+28:41:43	300	60	3.0	#141 Mapping t	2	
0063.COMP	12	05:02	23:16:04.4	+28:41:43	300	60	3.0	#141 Mapping t	2	
0064.00230454+2915476	300	05:03	00:23:04.5	+29:15:48	300	100	3.0	#141 Mapping t	2	
0065.COMP	12	05:09	00:23:04.5	+29:15:48	300	100	3.0	#141 Mapping t	2	
0066.00235176+3621327	300	05:10	00:23:51.8	+36:21:33	300	90	3.0	#141 Mapping t	2	clouds, clouds, clouds
0067.COMP	12	05:16	00:23:51.8	+36:21:33	300	90	3.0	#141 Mapping t	2	
0068.00241278+2354527	300	05:17	00:24:12.8	+23:54:53	300	90	3.0	#141 Mapping t	2	
0069.COMP	12	05:23	00:24:12.8	+23:54:53	300	90	3.0	#141 Mapping t	2	
0070.00250450+2431189	240	05:23	00:25:04.5	+24:31:19	300	90	3.0	#141 Mapping t	2	
0071.COMP	12	05:28	00:25:04.5	+24:31:19	300	90	3.0	#141 Mapping t	2	
0072.00251125+4203539	240	05:32	00:25:11.2	+42:03:54	300	90	3.0	#141 Mapping t	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0073.COMP	12	05:37	00:25:11.2	+42:03:54	300	90	3.0	#141 Mapping t	2	
0074.00255733+3950010	1200	06:01	00:25:57.3	+39:50:01	300	60	3.0	#141 Mapping t	2	
0075.COMP	12	06:22	00:25:57.3	+39:50:01	300	60	3.0	#141 Mapping t	2	
0076.00270456+3657024	240	06:23	00:27:04.6	+36:57:02	300	90	3.0	#141 Mapping t	2	
0077.COMP	12	06:28	00:27:04.6	+36:57:02	300	90	3.0	#141 Mapping t	2	
0078.00271148+5103476	420	06:30	00:27:11.5	+51:03:48	300	105	3.0	#141 Mapping t	2	
0079.COMP	12	06:38	00:27:11.5	+51:03:48	300	105	3.0	#141 Mapping t	2	
0080.00272528+4544279	240	06:39	00:27:25.3	+45:44:28	300	90	3.0	#141 Mapping t	2	
0081.COMP	12	06:45	00:27:25.3	+45:44:28	300	90	3.0	#141 Mapping t	2	
0082.hxPer273	180	06:49	02:20:16.1	+57:24:58	300	90	3.0	#170 h & chi P	2	
0083.COMP	12	06:55	02:20:16.1	+57:24:58	300	90	3.0	#170 h & chi P	2	
0084.hxPer272	150	06:57	02:20:12.4	+56:49:18	300	95	3.0	#170 h & chi P	2	
0085.COMP	12	07:00	02:20:12.4	+56:49:18	300	95	3.0	#170 h & chi P	2	
0086.hxPer274	240	07:01	02:17:15.7	+57:10:03	300	90	3.0	#170 h & chi P	2	row=86
0087.COMP	12	07:06	02:17:15.7	+57:10:03	300	90	3.0	#170 h & chi P	2	
0088.hxPer275	420	07:09	02:24:01.4	+56:54:25	300	90	3.0	#170 h & chi P	2	
0089.COMP	12	07:16	02:24:01.4	+56:54:25	300	90	3.0	#170 h & chi P	2	
0090.hxPer276	600	07:17	02:17:59.7	+57:18:27	300	90	3.0	#170 h & chi P	2	
0091.COMP	12	07:28	02:17:59.7	+57:18:27	300	90	3.0	#170 h & chi P	2	
0092.hxPer277	900	07:30	02:21:06.7	+57:25:16	300	90	3.0	#170 h & chi P	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0093.COMP	12	07:46	02:21:06.7	+57:25:16	300	90	3.0	#170 h & chi P	2	
0094.sn2007kk	1800	08:40	03:42:23.3	+39:14:30	300	-30	3.0	#2 SN Observat	2	row=84
0095.COMP	12	09:11	03:42:23.3	+39:14:30	300	-30	3.0	#2 SN Observat	2	
0096.SA93101	30	09:25	01:53:18.4	+00:22:23	300	90	3.0	#173 Small Sol	2	
0097.COMP	12	09:26	01:53:18.4	+00:22:23	300	90	3.0	#173 Small Sol	2	
0098.2007PU11	210	09:29	03:23:41.8	-00:06:50	300	90	3.0	#173 Small Sol	2	
0099.COMP	12	09:33	03:23:41.8	-00:06:50	300	90	3.0	#173 Small Sol	2	
0100.1989UR	300	09:42	06:11:05.0	+29:18:28	300	60	3.0	#173 Small Sol	2	
0101.COMP	12	09:48	06:11:05.0	+29:18:28	300	60	3.0	#173 Small Sol	2	
0102.HD28099	1	09:56	04:26:40.1	+16:44:49	300	90	3.0	#173 Small Sol	2	
0103.COMP	12	09:56	04:26:40.1	+16:44:49	300	90	3.0	#173 Small Sol	2	
0104.kep_w5_146	90	10:03	02:51:34.4	+60:32:52	300	10	3.0	#179 OB Stars	2	
0105.COMP	12	10:05	02:51:34.4	+60:32:52	300	10	3.0	#179 OB Stars	2	
0106.kep_w5_147	150	10:09	02:54:57.6	+60:45:43	300	90	3.0	#179 OB Stars	2	
0107.COMP	12	10:12	02:54:57.6	+60:45:43	300	90	3.0	#179 OB Stars	2	
0108.kep_w5_148	150	10:13	02:53:08.9	+60:27:48	300	90	3.0	#179 OB Stars	2	
0109.COMP	12	10:17	02:53:08.9	+60:27:48	300	90	3.0	#179 OB Stars	2	
0110.kep_w5_149	150	10:20	02:45:42.9	+60:28:58	300	90	3.0	#179 OB Stars	2	
0111.COMP	12	10:23	02:45:42.9	+60:28:58	300	90	3.0	#179 OB Stars	2	
0112.kep_w5_150	150	10:43	02:51:06.4	+60:25:09	300	30	3.0	#179 OB Stars	2	row=84

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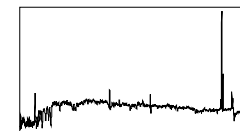
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0113.COMP	12	10:46	02:51:06.4	+60:25:09	300	30	3.0	#179 OB Stars	2	
0114.kep_w5_152	150	10:49	02:49:19.2	+60:46:51	300	90	3.0	#179 OB Stars	2	
0115.COMP	12	10:52	02:49:19.2	+60:46:51	300	90	3.0	#179 OB Stars	2	
0116.kep_w5_151	150	10:54	02:57:04.1	+60:43:32	300	90	3.0	#179 OB Stars	2	
0117.COMP	12	10:57	02:57:04.1	+60:43:32	300	90	3.0	#179 OB Stars	2	
0118.kep_w5_153	150	10:59	02:57:22.5	+60:49:21	300	90	3.0	#179 OB Stars	2	
0119.COMP	12	11:02	02:57:22.5	+60:49:21	300	90	3.0	#179 OB Stars	2	
0120.kep_w5_154	150	11:03	02:52:15.1	+60:46:34	300	90	3.0	#179 OB Stars	2	
0121.COMP	12	11:06	02:52:15.1	+60:46:34	300	90	3.0	#179 OB Stars	2	
0122.kep_w5_155	150	11:07	02:51:39.1	+60:28:16	300	90	3.0	#179 OB Stars	2	
0123.COMP	12	11:10	02:51:39.1	+60:28:16	300	90	3.0	#179 OB Stars	2	
0124.kep_w5_156	150	11:11	02:46:25.8	+60:39:58	300	90	3.0	#179 OB Stars	2	
0125.COMP	12	11:15	02:46:25.8	+60:39:58	300	90	3.0	#179 OB Stars	2	
0126.kep_w5_157	150	11:16	02:53:45.8	+60:40:13	300	90	3.0	#179 OB Stars	2	
0127.COMP	12	11:19	02:53:45.8	+60:40:13	300	90	3.0	#179 OB Stars	2	
0128.kep_w5_158	150	11:20	02:51:10.3	+60:24:56	300	60	3.0	#179 OB Stars	2	
0129.COMP	12	11:24	02:51:10.3	+60:24:56	300	60	3.0	#179 OB Stars	2	
0130.kep_w5_159	150	11:32	02:51:10.1	+60:25:08	300	30	3.0	#179 OB Stars	2	
0131.COMP	12	11:35	02:51:10.1	+60:25:08	300	30	3.0	#179 OB Stars	2	
0132.kep_w5_160	180	11:37	02:54:08.8	+60:52:56	300	90	3.0	#179 OB Stars	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0133.COMP	12	11:41	02:54:08.8	+60:52:56	300	90	3.0	#179 OB Stars	2	
0134.IPHAS_B435	150	11:43	05:46:03.6	+27:27:30	300	95	3.0	#157 IPHAS	2	
0135.COMP	12	11:46	05:46:03.6	+27:27:30	300	95	3.0	#157 IPHAS	2	
0136.IPHAS_B436	180	11:48	05:46:23.7	+26:28:15	300	90	3.0	#157 IPHAS	2	
0137.COMP	12	11:51	05:46:23.7	+26:28:15	300	90	3.0	#157 IPHAS	2	
0138.IPHAS_B437	900	11:52	05:46:37.6	+33:32:34	300	90	3.0	#157 IPHAS	2	row=86
0139.COMP	12	12:08	05:46:37.6	+33:32:34	300	90	3.0	#157 IPHAS	2	
0140.IPHAS_B439	1200	12:12	05:49:14.7	+33:23:29	300	95	3.0	#157 IPHAS	2	row=85
0141.COMP	12	12:33	05:49:14.7	+33:23:29	300	95	3.0	#157 IPHAS	2	
0142.06265167+5210311	240	12:37	06:26:51.7	+52:10:31	300	90	3.0	#141 Mapping t	2	
0143.COMP	12	12:42	06:26:51.7	+52:10:31	300	90	3.0	#141 Mapping t	2	
0144.Feige34	60	12:46	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0145.COMP	12	12:47	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	2	
0146.PG0823p546	180	12:49	08:26:49.2	+54:28:01	300	90	3.0	#56 Spectropho	2	
0147.COMP	12	12:53	08:26:49.2	+54:28:01	300	90	3.0	#56 Spectropho	2	
0148-0157.BIAS	0	12:57	08:26:49.2	+54:28:01	300	90	3.0	#179 OB Stars	2	
0158-0177.FLAT	25	13:09	08:26:49.2	+54:28:01	300	90	3.0	#179 OB Stars	2	
0178-0192.DARK	900	16:52	08:26:49.2	+54:28:01	300	90	3.0	#179 OB Stars	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.BIAS	0	01:00	20:12:33.6	+31:28:59	300	90	3.0	#179 OB Stars	2	
0011.FLAT	25	01:00	20:12:33.6	+31:28:59	300	90	3.0	#179 OB Stars	2	telescope engineering
0012-0025.FLAT	25	01:09	20:12:33.6	+31:28:59	300	90	3.0	#179 OB Stars	2	
0026.BDp174708	45	02:46	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0027.BDp174708	45	02:47	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0028.BDp174708	45	02:48	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0029.COMP	10	02:49	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0030.BDp284211	120	02:50	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	2	
0031.BDp284211	120	02:53	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	2	
0032.COMP	10	02:55	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	2	
0033.sn2007ob	1800	02:59	23:12:26.0	+13:54:49	300	90	3.0	#2 SN Observat	2	
0034.COMP	10	03:30	23:12:26.0	+13:54:49	300	90	3.0	#2 SN Observat	2	
0035.sn2007le	1200	03:33	23:38:48.4	-06:31:21	300	-5	3.0	#2 SN Observat	2	
0036.COMP	10	03:53	23:38:48.4	-06:31:21	300	-5	3.0	#2 SN Observat	2	
0037.sn2007od	1200	03:55	23:55:48.7	+18:24:55	300	-5	3.0	#2 SN Observat	2	
0038.COMP	10	04:16	23:55:48.7	+18:24:55	300	-5	3.0	#2 SN Observat	2	
0039.ZAnd	1	04:22	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0040.ZAnd	5	04:22	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0041.ZAnd	30	04:23	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0042.COMP	10	04:24	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0043.163m217	360	04:27	00:43:18.0	+41:27:45	300	90	3.0	#57 Velocity S	2	
0044.COMP	10	04:33	00:43:18.0	+41:27:45	300	90	3.0	#57 Velocity S	2	
0045.3C35	1800	04:35	01:12:02.3	+49:28:35	300	35	3.0	#177 3CRR Radi	2	
0046.COMP	10	05:06	01:12:02.3	+49:28:35	300	35	3.0	#177 3CRR Radi	2	
0047.3C35	1800	05:08	01:12:02.3	+49:28:35	300	-55	3.0	#177 3CRR Radi	2	
0048.COMP	10	05:38	01:12:02.3	+49:28:35	300	-55	3.0	#177 3CRR Radi	2	
0049.3C66B	1500	05:41	02:23:11.5	+42:59:31	300	-45	3.0	#177 3CRR Radi	2	
0050.COMP	10	06:07	02:23:11.5	+42:59:31	300	-45	3.0	#177 3CRR Radi	2	
0051.3C76.1	1800	06:10	03:03:15.0	+16:26:19	300	-42	3.0	#177 3CRR Radi	2	
0052.COMP	10	06:40	03:03:15.0	+16:26:19	300	-42	3.0	#177 3CRR Radi	2	
0053.3C76.1	1800	06:43	03:03:15.0	+16:26:19	300	48	3.0	#177 3CRR Radi	2	
0054.COMP	10	07:13	03:03:15.0	+16:26:19	300	48	3.0	#177 3CRR Radi	2	
0055.3C66B	1500	07:15	02:23:11.5	+42:59:31	300	45	3.0	#177 3CRR Radi	2	
0056.COMP	10	07:41	02:23:11.5	+42:59:31	300	45	3.0	#177 3CRR Radi	2	
0058.sn2007oo	1391	07:49	23:22:19.5	+50:09:20	300	90	3.0	#2 SN Observat	2	
0059.COMP	10	08:13	23:22:19.5	+50:09:20	300	90	3.0	#2 SN Observat	2	
0060.HD19445	10	08:16	03:08:26.3	+26:20:29	300	90	3.0	#56 Spectropho	2	
0061.HD19445	10	08:17	03:08:26.3	+26:20:29	300	90	3.0	#56 Spectropho	2	
0062.HD19445	10	08:17	03:08:26.3	+26:20:29	300	90	3.0	#56 Spectropho	2	
0063.COMP	10	08:18	03:08:26.3	+26:20:29	300	90	3.0	#56 Spectropho	2	

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0064.test	10	08:21	04:04:04.0	+33:00:00	1200	90	1.0	#56 Spectropho	2	
0065.test	20	08:24	04:04:04.0	+33:00:00	1200	90	1.0	#56 Spectropho	2	
0066.test	20	08:29	04:20:00.0	+32:00:00	1200	90	1.0	#176 Be/X-ray	2	
0067.test	20	08:41	04:30:00.0	+30:00:00	1200	90	1.0	#176 Be/X-ray	2	
0068.HD19445	20	08:43	03:08:26.3	+26:20:29	1200	90	1.0	#176 Be/X-ray	2	1200gpm, 1.5-sec, Zexas blue
0069.HD19445	20	08:43	03:08:26.3	+26:20:29	1200	90	1.0	#176 Be/X-ray	2	
0070.HD19445	20	08:44	03:08:26.3	+26:20:29	1200	90	1.0	#176 Be/X-ray	2	
0071.COMP	20	08:45	03:08:26.3	+26:20:29	1200	90	1.0	#176 Be/X-ray	2	
0072.IGRJ01583p6713	1500	08:50	01:58:18.2	+67:13:26	1200	110	1.0	#176 Be/X-ray	2	
0073.COMP	30	09:15	01:58:18.2	+67:13:26	1200	110	1.0	#176 Be/X-ray	2	
0074.COMP	30	09:17	01:58:18.2	+67:13:26	1200	110	1.0	#176 Be/X-ray	2	
0075.IGRJ01583p6713	1500	09:20	01:58:18.2	+67:13:26	1200	110	1.0	#176 Be/X-ray	2	
0076.COMP	30	09:45	01:58:18.2	+67:13:26	1200	110	1.0	#176 Be/X-ray	2	
0077.IGRJ01583p6713	1500	09:47	01:58:18.2	+67:13:26	1200	110	1.0	#176 Be/X-ray	2	
0078.COMP	30	10:12	01:58:18.2	+67:13:26	1200	110	1.0	#176 Be/X-ray	2	
0079.IGRJ06074p2205	900	10:15	06:07:26.6	+22:05:48	1200	90	1.0	#176 Be/X-ray	2	
0080.COMP	30	10:30	06:07:26.6	+22:05:48	1200	90	1.0	#176 Be/X-ray	2	
0081.IGRJ06074p2205	900	10:31	06:07:26.6	+22:05:48	1200	90	1.0	#176 Be/X-ray	2	
0082.COMP	30	10:47	06:07:26.6	+22:05:48	1200	90	1.0	#176 Be/X-ray	2	
0083.A0535p262	60	10:48	05:38:54.5	+26:18:57	1200	90	1.0	#176 Be/X-ray	2	

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0084.A0535p262	60	10:50	05:38:54.5	+26:18:57	1200	90	1.0	#176 Be/X-ray	2	
0085.A0535p262	60	10:51	05:38:54.5	+26:18:57	1200	90	1.0	#176 Be/X-ray	2	
0086.COMP	30	10:53	05:38:54.5	+26:18:57	1200	90	1.0	#176 Be/X-ray	2	
0087.XPer	5	10:55	03:55:23.0	+31:02:45	1200	90	1.0	#176 Be/X-ray	2	
0088.XPer	5	10:55	03:55:23.0	+31:02:45	1200	90	1.0	#176 Be/X-ray	2	
0089.XPer	5	10:55	03:55:23.0	+31:02:45	1200	90	1.0	#176 Be/X-ray	2	
0090.COMP	30	10:56	03:55:23.0	+31:02:45	1200	90	1.0	#176 Be/X-ray	2	
0091.FLAT	150	10:58	07:00:00.0	+32:00:00	1200	90	1.0	#176 Be/X-ray	2	1200, 1.5, I would have liked 5x the counts also
0092-0095.FLAT	150	11:09	07:00:00.0	+32:00:00	1200	90	1.0	#176 Be/X-ray	2	
0096.test	10	11:15	07:00:00.0	+32:00:00	300	90	3.0	#176 Be/X-ray	2	
0097.test	10	11:17	07:00:00.0	+32:00:00	300	90	3.0	#176 Be/X-ray	2	
0098.test	10	11:18	07:00:00.0	+32:00:00	300	90	3.0	#176 Be/X-ray	2	
0099.HD52071	5	11:21	07:00:58.0	+27:09:26	300	90	3.0	#57 Velocity S	2	300-line, 3-sec, combo
0100.HD52071	5	11:21	07:00:58.0	+27:09:26	300	90	3.0	#57 Velocity S	2	
0101.HD52071	5	11:21	07:00:58.0	+27:09:26	300	90	3.0	#57 Velocity S	2	
0102.COMP	10	11:22	07:00:58.0	+27:09:26	300	90	3.0	#57 Velocity S	2	
0103.cvso-098262	900	11:25	06:11:13.1	+01:51:03	300	20	3.0	#112 Orion PMS	2	
0104.COMP	10	11:40	06:11:13.1	+01:51:03	300	20	3.0	#112 Orion PMS	2	
0105.cvso-065430	420	11:42	05:45:46.3	+02:20:52	300	20	3.0	#112 Orion PMS	2	
0106.COMP	10	11:49	05:45:46.3	+02:20:52	300	20	3.0	#112 Orion PMS	2	

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0107.cvso-067416	900	11:51	05:47:22.1	+02:42:49	300	40	3.0	#112 Orion PMS	2	
0108.COMP	10	12:06	05:47:22.1	+02:42:49	300	40	3.0	#112 Orion PMS	2	
0109.cvso-068023	720	12:07	05:47:49.9	+02:42:26	300	40	3.0	#112 Orion PMS	2	
0110.COMP	10	12:20	05:47:49.9	+02:42:26	300	40	3.0	#112 Orion PMS	2	
0111.cvso-069622	240	12:21	05:49:01.7	+02:36:09	300	40	3.0	#112 Orion PMS	2	
0112.COMP	10	12:25	05:49:01.7	+02:36:09	300	40	3.0	#112 Orion PMS	2	
0113-0122.BIAS	0	12:29	05:49:01.7	+02:36:09	300	90	3.0	#176 Be/X-ray	2	
0123-0137.FLAT	25	12:38	05:49:01.7	+02:36:09	300	90	3.0	#176 Be/X-ray	2	
0138.COMP	10	12:48	05:49:01.7	+02:36:09	300	90	3.0	#176 Be/X-ray	2	
0139-0148.DARK	900	15:11	05:49:01.7	+02:36:09	300	90	3.0	#176 Be/X-ray	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	00:43	18:06:23.4	+31:30:26	300	90	3.0	#176 Be/X-ray	2	
0011-0020.BIAS	0	01:09	18:06:23.4	+31:30:26	300	90	3.0	#176 Be/X-ray	2	
0021-0035.FLAT	25	01:19	18:06:23.4	+31:30:26	300	90	3.0	#176 Be/X-ray	2	
0036.COMP	10	01:24	18:06:23.4	+31:30:26	300	90	3.0	#176 Be/X-ray	2	
0037.N7331	180	01:35	22:37:04.3	+34:24:58	300	90	3.0	#57 Velocity S	2	
0038.COMP	10	01:39	22:37:04.3	+34:24:58	300	90	3.0	#57 Velocity S	2	
0039.fmb368	900	01:47	23:17:30.5	+18:29:56	300	90	3.0	#171f Local Un	2	
0040.COMP	10	02:02	23:17:30.5	+18:29:56	300	90	3.0	#171f Local Un	2	
0041.fmb369	900	02:04	23:18:39.2	+18:41:23	300	90	3.0	#171f Local Un	2	
0042.COMP	10	02:20	23:18:39.2	+18:41:23	300	90	3.0	#171f Local Un	2	
0043.fmb370	900	02:22	23:20:09.5	+18:08:00	300	90	3.0	#171f Local Un	2	
0044.COMP	10	02:38	23:20:09.5	+18:08:00	300	90	3.0	#171f Local Un	2	
0045.fmb372	900	02:40	23:23:31.4	+14:47:07	300	90	3.0	#171f Local Un	2	
0046.COMP	10	02:55	23:23:31.4	+14:47:07	300	90	3.0	#171f Local Un	2	
0047.BDp284211	90	02:57	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	2	
0048.BDp284211	90	02:59	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	2	
0049.COMP	10	03:00	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	2	
0050.BDp174708	45	03:02	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0051.BDp174708	45	03:03	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0052.BDp174708	45	03:04	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0053.COMP	10	03:05	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0054.sn2007od	1200	03:09	23:55:48.7	+18:24:55	300	90	3.0	#2 SN Observat	2	
0055.COMP	10	03:30	23:55:48.7	+18:24:55	300	90	3.0	#2 SN Observat	2	
0056.sn20071e	1200	03:33	23:38:48.4	-06:31:21	300	-5	3.0	#2 SN Observat	2	rotated to -5
0057.COMP	10	03:53	23:38:48.4	-06:31:21	300	-5	3.0	#2 SN Observat	2	
0058.fmf379	300	03:56	23:24:40.9	+14:37:55	300	90	3.0	#171f Local Un	2	rotated to 90
0059.COMP	10	04:01	23:24:40.9	+14:37:55	300	90	3.0	#171f Local Un	2	
0060.fmf377	900	04:03	23:24:36.7	+14:35:02	300	90	3.0	#171f Local Un	2	
0061.COMP	10	04:18	23:24:36.7	+14:35:02	300	90	3.0	#171f Local Un	2	
0062.fmf381	600	04:20	23:26:35.0	+14:54:04	300	90	3.0	#171f Local Un	2	
0063.COMP	10	04:30	23:26:35.0	+14:54:04	300	90	3.0	#171f Local Un	2	
0064.fmf391	720	04:34	23:35:35.8	+20:42:00	300	90	3.0	#171f Local Un	2	
0065.COMP	10	04:46	23:35:35.8	+20:42:00	300	90	3.0	#171f Local Un	2	
0066.sn2007ob	1800	04:48	23:12:26.0	+13:54:49	300	90	3.0	#2 SN Observat	2	
0067.COMP	10	05:19	23:12:26.0	+13:54:49	300	90	3.0	#2 SN Observat	2	
0068.fmf392	720	05:20	23:35:41.0	+21:10:56	300	90	3.0	#171f Local Un	2	
0069.COMP	10	05:32	23:35:41.0	+21:10:56	300	90	3.0	#171f Local Un	2	
0070.fmf395	720	05:33	23:36:25.1	+21:09:03	300	90	3.0	#171f Local Un	2	
0071.COMP	10	05:46	23:36:25.1	+21:09:03	300	90	3.0	#171f Local Un	2	
0072.fmf394	1200	05:48	23:36:24.5	+21:08:16	300	90	3.0	#171f Local Un	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0073.COMP	10	06:08	23:36:24.5	+21:08:16	300	90	3.0	#171f Local Un	2	
0074.fmb396	1200	06:11	23:36:30.1	+21:07:56	300	70	3.0	#171f Local Un	2	rotated to 70, 396SW in row 90
0075.COMP	10	06:31	23:36:30.1	+21:07:56	300	70	3.0	#171f Local Un	2	
0076.fmb398	900	06:33	23:36:32.6	+20:41:07	300	90	3.0	#171f Local Un	2	
0077.COMP	10	06:48	23:36:32.6	+20:41:07	300	90	3.0	#171f Local Un	2	
0078.fmb399	900	06:50	23:36:48.9	+21:19:34	300	90	3.0	#171f Local Un	2	
0079.COMP	10	07:05	23:36:48.9	+21:19:34	300	90	3.0	#171f Local Un	2	
0080.fmb400	900	07:07	23:36:58.9	+20:39:10	300	90	3.0	#171f Local Un	2	
0081.COMP	10	07:22	23:36:58.9	+20:39:10	300	90	3.0	#171f Local Un	2	
0082.kep_w5_161	180	07:38	02:52:17.2	+61:07:21	300	90	3.0	#179 OB Stars	2	
0083.COMP	10	07:42	02:52:17.2	+61:07:21	300	90	3.0	#179 OB Stars	2	
0084.kep_w5_162	180	07:43	02:47:29.3	+60:23:20	300	90	3.0	#179 OB Stars	2	
0085.COMP	10	07:47	02:47:29.3	+60:23:20	300	90	3.0	#179 OB Stars	2	
0086.fmb061	720	07:55	01:53:23.7	+37:37:58	300	90	3.0	#171f Local Un	2	
0087.COMP	10	08:10	01:53:23.7	+37:37:58	300	90	3.0	#171f Local Un	2	
0088.fmb062	720	08:11	01:53:24.9	+37:03:52	300	90	3.0	#171f Local Un	2	
0089.COMP	10	08:23	01:53:24.9	+37:03:52	300	90	3.0	#171f Local Un	2	
0090.fmb063	720	08:24	01:53:53.6	+36:20:57	300	90	3.0	#171f Local Un	2	gxy to W
0091.COMP	10	08:37	01:53:53.6	+36:20:57	300	90	3.0	#171f Local Un	2	
0092.fmb064	600	08:38	01:53:56.8	+37:42:11	300	90	3.0	#171f Local Un	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0093.COMP	10	08:48	01:53:56.8	+37:42:11	300	90	3.0	#171f Local Un	2	
0094.fmb058	900	08:52	01:52:14.2	+35:09:23	300	35	3.0	#171f Local Un	2	rot=35; 058 at row 60, 059 at row 90
0095.COMP	10	09:07	01:52:14.2	+35:09:23	300	35	3.0	#171f Local Un	2	
0096.fmb122	720	09:09	02:59:37.0	+36:00:41	300	90	3.0	#171f Local Un	2	
0097.COMP	10	09:21	02:59:37.0	+36:00:41	300	90	3.0	#171f Local Un	2	
0098.fmb124	420	09:24	03:00:13.7	+35:25:48	300	90	3.0	#171f Local Un	2	
0099.COMP	10	09:31	03:00:13.7	+35:25:48	300	90	3.0	#171f Local Un	2	
0100.fmb125	900	09:33	03:00:39.1	+35:27:45	300	90	3.0	#171f Local Un	2	
0101.COMP	10	09:49	03:00:39.1	+35:27:45	300	90	3.0	#171f Local Un	2	
0102.hxPer478	300	09:51	02:18:32.4	+56:46:03	300	90	3.0	#170 h & chi P	2	
0103.COMP	10	09:56	02:18:32.4	+56:46:03	300	90	3.0	#170 h & chi P	2	
0104.hxPer479	200	09:57	02:18:11.3	+57:14:52	300	90	3.0	#170 h & chi P	2	
0105.COMP	10	10:01	02:18:11.3	+57:14:52	300	90	3.0	#170 h & chi P	2	
0106.hxPer278	120	10:02	02:21:21.7	+56:49:53	300	90	3.0	#170 h & chi P	2	
0107.COMP	10	10:05	02:21:21.7	+56:49:53	300	90	3.0	#170 h & chi P	2	
0108.hxPer279	120	10:06	02:20:31.1	+57:29:10	300	90	3.0	#170 h & chi P	2	
0109.COMP	10	10:08	02:20:31.1	+57:29:10	300	90	3.0	#170 h & chi P	2	
0110.hxPer280	300	10:09	02:23:34.6	+57:21:04	300	90	3.0	#170 h & chi P	2	
0111.COMP	10	10:14	02:23:34.6	+57:21:04	300	90	3.0	#170 h & chi P	2	
0112.hxPer281	420	10:15	02:20:11.9	+56:53:40	300	90	3.0	#170 h & chi P	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0113.COMP	10	10:23	02:20:11.9	+56:53:40	300	90	3.0	#170 h & chi P	2	
0114.hxPer282	600	10:24	02:22:37.1	+57:22:12	300	90	3.0	#170 h & chi P	2	
0115.COMP	10	10:35	02:22:37.1	+57:22:12	300	90	3.0	#170 h & chi P	2	
0116.hxPer283	420	10:36	02:17:51.2	+56:44:49	300	90	3.0	#170 h & chi P	2	
0117.COMP	10	10:43	02:17:51.2	+56:44:49	300	90	3.0	#170 h & chi P	2	
0118.hxPer284	420	10:44	02:24:13.2	+57:00:57	300	90	3.0	#170 h & chi P	2	
0119.COMP	10	10:52	02:24:13.2	+57:00:57	300	90	3.0	#170 h & chi P	2	
0120.4dlxfast014	600	10:54	08:11:27.4	+58:15:39	300	90	3.0	#172 SDSS Clus	2	
0121.COMP	10	11:04	08:11:27.4	+58:15:39	300	90	3.0	#172 SDSS Clus	2	
0122.4dlxfast015	600	11:05	08:12:08.5	+57:54:28	300	90	3.0	#172 SDSS Clus	2	
0123.COMP	10	11:16	08:12:08.5	+57:54:28	300	90	3.0	#172 SDSS Clus	2	
0124.4dlxfast016	720	11:17	08:12:24.7	+57:53:26	300	90	3.0	#172 SDSS Clus	2	
0125.COMP	10	11:29	08:12:24.7	+57:53:26	300	90	3.0	#172 SDSS Clus	2	
0126.4dlxfast019	600	11:30	08:13:54.0	+58:21:15	300	90	3.0	#172 SDSS Clus	2	
0127.COMP	10	11:41	08:13:54.0	+58:21:15	300	90	3.0	#172 SDSS Clus	2	
0128.4dlxfast021	600	11:42	08:14:21.6	+58:26:04	300	90	3.0	#172 SDSS Clus	2	
0129.COMP	10	11:53	08:14:21.6	+58:26:04	300	90	3.0	#172 SDSS Clus	2	
0130.cirsfastb155	420	11:58	11:11:12.4	+39:35:50	300	90	3.0	#172 SDSS Clus	2	gxy to W
0131.COMP	10	12:06	11:11:12.4	+39:35:50	300	90	3.0	#172 SDSS Clus	2	
0132.cirsfastb156	600	12:08	11:11:18.5	+39:33:11	300	90	3.0	#172 SDSS Clus	2	

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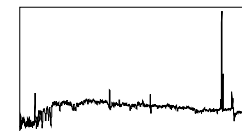
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0133.COMP	10	12:19	11:11:18.5	+39:33:11	300	90	3.0	#172 SDSS Clus	2	
0134.cirsfastb157	900	12:20	11:11:19.8	+39:31:43	300	90	3.0	#172 SDSS Clus	2	
0135.COMP	10	12:35	11:11:19.8	+39:31:43	300	90	3.0	#172 SDSS Clus	2	
0136.cirsfastb161	420	12:37	11:11:51.3	+39:54:15	300	90	3.0	#172 SDSS Clus	2	
0137.COMP	10	12:44	11:11:51.3	+39:54:15	300	90	3.0	#172 SDSS Clus	2	
0138.cirsfastb167	420	12:45	11:12:13.6	+39:40:13	300	90	3.0	#172 SDSS Clus	2	
0139.COMP	10	12:53	11:12:13.6	+39:40:13	300	90	3.0	#172 SDSS Clus	2	
0140.cirsfastb176	420	12:54	11:13:37.0	+39:41:13	300	90	3.0	#172 SDSS Clus	2	
0141.COMP	10	13:01	11:13:37.0	+39:41:13	300	90	3.0	#172 SDSS Clus	2	
0142.BXMon	180	13:03	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0143.BXMon	15	13:06	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0144.COMP	10	13:07	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0145-0154.BIAS	0	13:20	07:25:23.0	-03:35:51	300	90	3.0	#171f Local Un	2	
0155-0169.FLAT	25	13:30	07:25:23.0	-03:35:51	300	90	3.0	#171f Local Un	2	
0170-0179.DARK	900	15:51	07:25:23.0	-03:35:51	300	90	3.0	#171f Local Un	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001.BIAS	0	22:48	18:33:54.6	+31:30:07	300	90	3.0	#171f Local Un	2	
0002.COMP	10	22:49	18:33:54.6	+31:30:07	300	90	3.0	#171f Local Un	2	
0003-0009.DARK	900	00:22	18:33:54.6	+31:30:07	300	90	3.0	#171f Local Un	2	
0010-0019.BIAS	0	00:48	18:33:54.6	+31:30:07	300	90	3.0	#171f Local Un	2	
0020-0034.FLAT	25	00:57	18:33:54.6	+31:30:07	300	90	3.0	#171f Local Un	2	
0035.N7331	180	01:09	22:37:04.3	+34:24:58	300	90	3.0	#57 Velocity S	2	
0036.COMP	10	01:12	22:37:04.3	+34:24:58	300	90	3.0	#57 Velocity S	2	
0037.CICyg	2	01:16	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0038.CICyg	20	01:17	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0039.CICyg	60	01:17	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0040.COMP	10	01:18	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0041.BFCyg	1	01:20	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0042.BFCyg	60	01:20	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0043.COMP	10	01:22	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0044.CHCyg	1	01:23	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0045.CHCyg	5	01:24	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0046.CHCyg	30	01:24	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0047.COMP	10	01:25	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0048.PUVul	1	01:28	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0049.PUVul	10	01:28	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	

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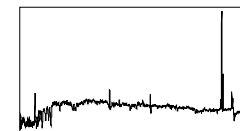
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0050.PUVul	60	01:28	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0051.COMP	10	01:30	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0052.fmf339	900	01:33	22:35:39.7	+01:30:17	300	90	3.0	#171f Local Un	2	
0053.COMP	10	01:48	22:35:39.7	+01:30:17	300	90	3.0	#171f Local Un	2	
0054.fmf340	480	01:49	22:35:41.3	+01:36:53	300	90	3.0	#171f Local Un	2	
0055.COMP	10	01:58	22:35:41.3	+01:36:53	300	90	3.0	#171f Local Un	2	
0056.fmf341	1200	01:59	22:35:45.9	+01:19:56	300	90	3.0	#171f Local Un	2	gxy 341W to W
0057.COMP	10	02:20	22:35:45.9	+01:19:56	300	90	3.0	#171f Local Un	2	
0058.fmf342	480	02:21	22:35:49.7	+01:31:35	300	90	3.0	#171f Local Un	2	
0059.COMP	10	02:29	22:35:49.7	+01:31:35	300	90	3.0	#171f Local Un	2	
0060.fmf343	720	02:31	22:35:53.5	+01:31:51	300	90	3.0	#171f Local Un	2	star to E
0061.COMP	10	02:43	22:35:53.5	+01:31:51	300	90	3.0	#171f Local Un	2	
0062.fmf345	900	02:45	22:35:54.8	+01:39:40	300	90	3.0	#171f Local Un	2	
0063.COMP	10	03:00	22:35:54.8	+01:39:40	300	90	3.0	#171f Local Un	2	
0064.BDp174708	45	03:01	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0065.BDp174708	45	03:02	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0066.BDp174708	45	03:03	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0067.COMP	10	03:04	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0068.BDp284211	90	03:05	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	2	
0069.BDp284211	90	03:07	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0070.COMP	10	03:09	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	2	
0071.fmb347	420	03:11	22:36:02.8	+01:35:07	300	90	3.0	#171f Local Un	2	
0072.COMP	10	03:19	22:36:02.8	+01:35:07	300	90	3.0	#171f Local Un	2	
0073.fmb348	480	03:20	22:36:12.0	+01:30:42	300	90	3.0	#171f Local Un	2	obj to E
0074.COMP	10	03:28	22:36:12.0	+01:30:42	300	90	3.0	#171f Local Un	2	
0075.fmb373	480	03:29	23:23:44.5	+14:57:59	300	90	3.0	#171f Local Un	2	
0076.COMP	10	03:38	23:23:44.5	+14:57:59	300	90	3.0	#171f Local Un	2	
0077.fmb374	720	03:39	23:24:29.2	+16:12:44	300	90	3.0	#171f Local Un	2	
0078.COMP	10	03:51	23:24:29.2	+16:12:44	300	90	3.0	#171f Local Un	2	
0079.fmb376	420	03:52	23:24:36.7	+14:36:40	300	90	3.0	#171f Local Un	2	
0080.COMP	10	04:00	23:24:36.7	+14:36:40	300	90	3.0	#171f Local Un	2	
0081.BIAS	0	04:10	23:38:48.4	-06:31:21	300	10	3.0	#171f Local Un	2	restarted CCD
0082.sn2007le	1200	04:10	23:38:48.4	-06:31:21	300	10	3.0	#2 SN Observat	2	sn2007le rotated to +10
0083.COMP	10	04:31	23:38:48.4	-06:31:21	300	10	3.0	#2 SN Observat	2	
0084.sn2007od	1500	04:34	23:55:48.7	+18:24:55	300	90	3.0	#2 SN Observat	2	rotated to 90
0085.COMP	10	05:00	23:55:48.7	+18:24:55	300	90	3.0	#2 SN Observat	2	
0086.fmb419	1200	05:01	23:49:03.2	+06:09:49	300	90	3.0	#171f Local Un	2	
0087.COMP	10	05:22	23:49:03.2	+06:09:49	300	90	3.0	#171f Local Un	2	
0088.fmb421	720	05:23	23:49:22.7	+06:14:03	300	90	3.0	#171f Local Un	2	
0089.COMP	10	05:36	23:49:22.7	+06:14:03	300	90	3.0	#171f Local Un	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>
0090.fmf0422	600	05:37	23:49:27.6	+06:26:56	300	90	3.0	#171f Local Un	2	
0091.COMP	10	05:47	23:49:27.6	+06:26:56	300	90	3.0	#171f Local Un	2	
0092.fmf015	1200	05:49	01:26:10.7	+08:43:36	300	90	3.0	#171f Local Un	2	
0093.COMP	10	06:09	01:26:10.7	+08:43:36	300	90	3.0	#171f Local Un	2	
0094.fmf016	1000	06:10	01:26:38.3	+08:15:35	300	90	3.0	#171f Local Un	2	
0095.COMP	10	06:28	01:26:38.3	+08:15:35	300	90	3.0	#171f Local Un	2	
0096.fmf017	900	06:28	01:26:48.8	+08:27:56	300	90	3.0	#171f Local Un	2	star to E
0097.COMP	10	06:44	01:26:48.8	+08:27:56	300	90	3.0	#171f Local Un	2	
0098.fmf018	900	06:45	01:26:51.9	+09:00:43	300	90	3.0	#171f Local Un	2	
0099.COMP	10	07:00	01:26:51.9	+09:00:43	300	90	3.0	#171f Local Un	2	
0100.fmf065	300	07:02	01:53:57.0	+36:38:28	300	90	3.0	#171f Local Un	2	
0101.COMP	10	07:07	01:53:57.0	+36:38:28	300	90	3.0	#171f Local Un	2	
0102.fmf066	300	07:08	01:53:58.7	+37:50:04	300	90	3.0	#171f Local Un	2	
0103.COMP	10	07:14	01:53:58.7	+37:50:04	300	90	3.0	#171f Local Un	2	
0104.fmf067	420	07:15	01:54:10.6	+37:55:21	300	90	3.0	#171f Local Un	2	
0105.COMP	10	07:22	01:54:10.6	+37:55:21	300	90	3.0	#171f Local Un	2	
0106.fmf068	600	07:23	01:54:13.7	+34:40:11	300	90	3.0	#171f Local Un	2	
0107.COMP	10	07:33	01:54:13.7	+34:40:11	300	90	3.0	#171f Local Un	2	
0108.fmf069	720	07:34	01:54:43.2	+36:57:21	300	90	3.0	#171f Local Un	2	
0109.COMP	10	07:47	01:54:43.2	+36:57:21	300	90	3.0	#171f Local Un	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0110.fmf070	720	07:48	01:54:57.9	+36:44:19	300	90	3.0	#171f Local Un	2	
0111.COMP	10	08:00	01:54:57.9	+36:44:19	300	90	3.0	#171f Local Un	2	
0112.hxPer258	400	08:03	02:22:33.1	+56:49:52	300	90	3.0	#170 h & chi P	2	
0113.COMP	10	08:10	02:22:33.1	+56:49:52	300	90	3.0	#170 h & chi P	2	
0114.hxPer251	600	08:11	02:22:38.9	+57:25:00	300	90	3.0	#170 h & chi P	2	
0115.COMP	10	08:22	02:22:38.9	+57:25:00	300	90	3.0	#170 h & chi P	2	
0116.hxPer285	600	08:22	02:17:11.2	+57:03:22	300	90	3.0	#170 h & chi P	2	
0117.COMP	10	08:33	02:17:11.2	+57:03:22	300	90	3.0	#170 h & chi P	2	
0118.hxPer286	600	08:34	02:22:52.9	+57:22:38	300	90	3.0	#170 h & chi P	2	
0119.COMP	10	08:44	02:22:52.9	+57:22:38	300	90	3.0	#170 h & chi P	2	
0120.hxPer287	600	08:45	02:23:42.1	+57:02:25	300	90	3.0	#170 h & chi P	2	
0121.COMP	10	08:55	02:23:42.1	+57:02:25	300	90	3.0	#170 h & chi P	2	
0122.hxPer288	600	08:56	02:23:28.4	+56:57:53	300	90	3.0	#170 h & chi P	2	
0123.COMP	10	09:07	02:23:28.4	+56:57:53	300	90	3.0	#170 h & chi P	2	
0124.sn2007kk	1800	09:15	03:42:23.3	+39:14:30	300	90	3.0	#2 SN Observat	2	
0125.COMP	10	09:46	03:42:23.3	+39:14:30	300	90	3.0	#2 SN Observat	2	
0126.cvso-069643	400	09:48	05:49:05.9	+02:43:17	300	90	3.0	#112 Orion PMS	2	
0127.COMP	10	09:55	05:49:05.9	+02:43:17	300	90	3.0	#112 Orion PMS	2	
0128.cvso-069914	300	09:56	05:49:17.6	+02:21:25	300	90	3.0	#112 Orion PMS	2	
0129.COMP	10	10:01	05:49:17.6	+02:21:25	300	90	3.0	#112 Orion PMS	2	

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0130.cvso-072432	240	10:04	05:51:07.4	+02:52:23	300	90	3.0	#112 Orion PMS	2	
0131.COMP	10	10:08	05:51:07.4	+02:52:23	300	90	3.0	#112 Orion PMS	2	
0132.cvso-075394	600	10:09	05:54:51.9	+02:37:28	300	90	3.0	#112 Orion PMS	2	
0133.COMP	10	10:19	05:54:51.9	+02:37:28	300	90	3.0	#112 Orion PMS	2	
0134.cvso-077083	300	10:20	05:56:33.9	+02:43:48	300	90	3.0	#112 Orion PMS	2	
0135.COMP	10	10:25	05:56:33.9	+02:43:48	300	90	3.0	#112 Orion PMS	2	
0136.cvso-078273	600	10:27	05:57:35.7	+02:39:53	300	90	3.0	#112 Orion PMS	2	
0137.COMP	10	10:37	05:57:35.7	+02:39:53	300	90	3.0	#112 Orion PMS	2	
0138.cvso-078342	240	10:38	05:57:38.1	+02:36:00	300	90	3.0	#112 Orion PMS	2	
0139.COMP	10	10:42	05:57:38.1	+02:36:00	300	90	3.0	#157 IPHAS	2	
0140.IPHAS_B457	1800	10:43	06:29:18.6	+05:11:41	300	90	3.0	#157 IPHAS	2	
0141.COMP	10	11:14	06:29:18.6	+05:11:41	300	90	3.0	#157 IPHAS	2	
0142.IPHAS_B460	1800	11:16	06:31:50.4	+04:51:50	300	90	3.0	#157 IPHAS	2	
0143.COMP	10	11:46	06:31:50.4	+04:51:50	300	90	3.0	#157 IPHAS	2	
0144.IPHAS_B463	1800	11:47	06:31:39.6	+04:53:38	300	90	3.0	#157 IPHAS	2	
0145.COMP	10	12:18	06:31:39.6	+04:53:38	300	90	3.0	#157 IPHAS	2	
0146.fmfs208	200	12:19	09:08:55.4	-09:40:46	300	90	3.0	#171 Local Uni	2	
0147.COMP	10	12:23	09:08:55.4	-09:40:46	300	90	3.0	#171 Local Uni	2	
0148.fmfs210	900	12:24	09:09:14.4	-09:48:05	300	90	3.0	#171 Local Uni	2	
0149.COMP	10	12:40	09:09:14.4	-09:48:05	300	90	3.0	#171 Local Uni	2	

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0150.fmfs211	900	12:41	09:09:17.7	-09:42:07	300	90	3.0	#171 Local Uni	2	
0151.COMP	10	12:56	09:09:17.7	-09:42:07	300	90	3.0	#171 Local Uni	2	
0152.fmfs240	300	13:01	09:52:56.0	-15:57:29	300	90	3.0	#171 Local Uni	2	in twilight
0153.COMP	10	13:06	09:52:56.0	-15:57:29	300	90	3.0	#171 Local Uni	2	
0154-0163.BIAS	0	13:21	09:52:56.0	-15:57:29	300	90	3.0	#171f Local Un	2	
0164-0178.FLAT	25	13:30	09:52:56.0	-15:57:29	300	90	3.0	#171f Local Un	2	
0179-0188.DARK	900	15:54	09:52:56.0	-15:57:29	300	90	3.0	#171f Local Un	2	

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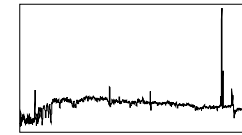
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	00:38	09:52:56.0	-15:57:29	300	90	3.0	#171f Local Un	2	
0011-0025.FLAT	25	00:47	09:52:56.0	-15:57:29	300	90	3.0	#171f Local Un	2	
0026.N7331	180	02:06	02:51:42.1	+60:44:26	300	90	3.0	#57 Velocity S	2	NO -- rvstd NGC7331
0027.COMP	10	02:10	02:51:42.1	+60:44:26	300	90	3.0	#57 Velocity S	2	
0028.fmb437	900	02:13	23:50:03.7	+06:19:45	300	90	3.0	#171f Local Un	2	
0029.COMP	10	02:29	23:50:03.7	+06:19:45	300	90	3.0	#171f Local Un	2	
0030.fmb440	244	02:30	23:50:27.7	+06:14:31	300	90	3.0	#171f Local Un	2	cut short by clouds
0031.COMP	10	02:34	23:50:27.7	+06:14:31	300	90	3.0	#171f Local Un	2	
0032.fmb440	674	02:51	23:50:27.7	+06:14:31	300	90	3.0	#171f Local Un	2	clouds
0033.COMP	10	03:03	23:50:27.7	+06:14:31	300	90	3.0	#171f Local Un	2	
0034.BDp174708	90	03:05	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0035.BDp174708	90	03:07	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0036.COMP	10	03:09	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0037.BDp284211	90	03:10	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	2	
0038.BDp284211	90	03:11	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	2	
0039.COMP	10	03:13	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	2	
0040.sn2007od	1800	03:15	23:55:48.7	+18:24:55	300	90	3.0	#2 SN Observat	2	
0041.COMP	10	03:45	23:55:48.7	+18:24:55	300	90	3.0	#2 SN Observat	2	
0042.sn2007le	1200	03:48	23:38:48.4	-06:31:21	300	5	3.0	#2 SN Observat	2	
0043.COMP	10	04:08	23:38:48.4	-06:31:21	300	5	3.0	#2 SN Observat	2	

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0044.22562477+4042490	300	04:12	22:56:24.8	+40:42:49	300	90	3.0	#141 Mapping t	2	
0045.COMP	10	04:18	22:56:24.8	+40:42:49	300	90	3.0	#141 Mapping t	2	
0046.fmf440	900	04:20	23:50:27.7	+06:14:31	300	90	3.0	#171f Local Un	2	
0047.COMP	10	04:35	23:50:27.7	+06:14:31	300	90	3.0	#171f Local Un	2	
0048.22494375+5047239	420	04:42	22:49:43.8	+50:47:24	300	90	3.0	#141 Mapping t	2	
0049.COMP	10	04:49	22:49:43.8	+50:47:24	300	90	3.0	#141 Mapping t	2	
0050.22000659+4415058	420	04:53	22:00:06.6	+44:15:06	300	90	3.0	#141 Mapping t	2	
0051.COMP	10	05:01	22:00:06.6	+44:15:06	300	90	3.0	#141 Mapping t	2	
0052.kep_w5_164	300	05:07	02:53:54.7	+60:39:18	300	90	3.0	#179 OB Stars	2	
0053.COMP	10	05:13	02:53:54.7	+60:39:18	300	90	3.0	#179 OB Stars	2	
0054.kep_w5_163	300	05:16	02:51:42.1	+60:44:26	300	90	3.0	#179 OB Stars	2	
0055.kep_w5_163	300	05:23	02:51:42.1	+60:44:26	300	90	3.0	#179 OB Stars	2	
0056.COMP	10	05:29	02:51:42.1	+60:44:26	300	90	3.0	#179 OB Stars	2	
0057.kep_w5_165	200	05:30	02:57:43.3	+60:38:42	300	90	3.0	#179 OB Stars	2	
0058.COMP	10	05:33	02:57:43.3	+60:38:42	300	90	3.0	#179 OB Stars	2	
0059.kep_w5_166	180	05:34	02:55:39.9	+60:47:13	300	90	3.0	#179 OB Stars	2	
0060.COMP	10	05:38	02:55:39.9	+60:47:13	300	90	3.0	#179 OB Stars	2	
0061.kep_w5_167	300	05:38	02:50:46.8	+60:42:43	300	90	3.0	#179 OB Stars	2	
0062.COMP	10	05:44	02:50:46.8	+60:42:43	300	90	3.0	#179 OB Stars	2	
0063.kep_w5_169	300	05:50	02:58:00.9	+60:44:32	300	90	3.0	#179 OB Stars	2	

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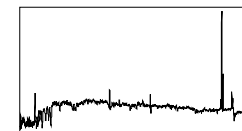
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0064.COMP	10	05:55	02:58:00.9	+60:44:32	300	90	3.0	#179 OB Stars	2	
0065.kep_w5_170	180	05:56	02:52:04.9	+60:38:03	300	90	3.0	#179 OB Stars	2	
0066.COMP	10	05:59	02:52:04.9	+60:38:03	300	90	3.0	#179 OB Stars	2	
0067.kep_w5_168	180	06:01	02:58:24.0	+60:34:46	300	90	3.0	#179 OB Stars	2	2 stars 168+168E
0068.COMP	10	06:05	02:58:24.0	+60:34:46	300	90	3.0	#179 OB Stars	2	
0069.fmf452	720	06:12	23:51:00.7	+06:16:06	300	90	3.0	#171f Local Un	2	
0070.COMP	10	06:25	23:51:00.7	+06:16:06	300	90	3.0	#171f Local Un	2	
0071.fmf453	900	06:26	23:51:04.1	+06:06:33	300	90	3.0	#171f Local Un	2	
0072.COMP	10	06:41	23:51:04.1	+06:06:33	300	90	3.0	#171f Local Un	2	
0073.fmf454	900	06:42	23:51:04.8	+06:09:53	300	90	3.0	#171f Local Un	2	thru clouds
0074.COMP	10	06:58	23:51:04.8	+06:09:53	300	90	3.0	#171f Local Un	2	
0075.fmf456	900	06:59	23:51:08.5	+06:11:08	300	90	3.0	#171f Local Un	2	
0076.COMP	10	07:15	23:51:08.5	+06:11:08	300	90	3.0	#171f Local Un	2	
0077.kep_w5_171	300	07:22	02:52:17.9	+60:43:21	300	90	3.0	#179 OB Stars	2	
0078.COMP	10	07:27	02:52:17.9	+60:43:21	300	90	3.0	#179 OB Stars	2	
0079.kep_w5_172	420	07:28	02:53:09.5	+60:43:20	300	90	3.0	#179 OB Stars	2	clouds
0080.COMP	10	07:36	02:53:09.5	+60:43:20	300	90	3.0	#179 OB Stars	2	
0081.kep_w5_173	36	11:20	02:50:45.4	+60:51:53	300	90	3.0	#179 OB Stars	2	clouds
0082.kep_w5_173	300	11:22	02:50:45.4	+60:51:53	300	90	3.0	#179 OB Stars	2	
0083.COMP	10	11:28	02:50:45.4	+60:51:53	300	90	3.0	#179 OB Stars	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0084.kep_w5_173	300	11:46	02:50:45.4	+60:51:53	300	90	3.0	#179 OB Stars	2	
0085.COMP	10	11:51	02:50:45.4	+60:51:53	300	90	3.0	#179 OB Stars	2	
0086.kep_w5_174	300	11:53	02:51:17.1	+60:23:40	300	90	3.0	#179 OB Stars	2	
0087.COMP	10	11:58	02:51:17.1	+60:23:40	300	90	3.0	#179 OB Stars	2	
0088.kep_w5_175	300	11:59	02:50:55.2	+60:29:38	300	90	3.0	#179 OB Stars	2	
0089.COMP	10	12:05	02:50:55.2	+60:29:38	300	90	3.0	#179 OB Stars	2	
0090.cirs3fastb001	600	12:11	08:18:19.5	+04:27:06	300	90	3.0	#172 SDSS Clus	2	
0091.COMP	10	12:21	08:18:19.5	+04:27:06	300	90	3.0	#172 SDSS Clus	2	
0092.cirs3fastf001	451	12:23	08:15:21.3	+04:53:40	300	90	3.0	#172 SDSS Clus	2	
0093.COMP	10	12:30	08:15:21.3	+04:53:40	300	90	3.0	#172 SDSS Clus	2	
0094.cirs3fastf002	600	12:31	08:15:22.3	+04:53:34	300	90	3.0	#172 SDSS Clus	2	
0095.COMP	10	12:41	08:15:22.3	+04:53:34	300	90	3.0	#172 SDSS Clus	2	
0096.cirs3fastf004	600	12:42	08:16:27.4	+04:58:47	300	90	3.0	#172 SDSS Clus	2	
0097.COMP	10	12:53	08:16:27.4	+04:58:47	300	90	3.0	#172 SDSS Clus	2	
0098.cirs3fastf005	422	12:53	08:16:53.8	+04:46:18	300	90	3.0	#172 SDSS Clus	2	
0099.COMP	10	13:01	08:16:53.8	+04:46:18	300	90	3.0	#172 SDSS Clus	2	
0100-0109.BIAS	0	13:15	08:16:53.8	+04:46:18	300	90	3.0	#2 SN Observat	2	
0110-0124.FLAT	25	13:24	08:16:53.8	+04:46:18	300	90	3.0	#2 SN Observat	2	
0125-0134.DARK	900	15:44	08:16:53.8	+04:46:18	300	90	3.0	#2 SN Observat	2	

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0001-0004.DARK	900	00:23	08:16:53.8	+04:46:18	300	90	3.0	#2 SN Observat	2	
0005-0014.BIAS	0	00:49	08:16:53.8	+04:46:18	300	90	3.0	#2 SN Observat	2	
0015-0029.FLAT	25	00:58	08:16:53.8	+04:46:18	300	90	3.0	#2 SN Observat	2	
0030-0033.DARK	900	01:47	08:16:53.8	+04:46:18	300	90	3.0	#2 SN Observat	2	
0034.N7331	180	02:09	22:37:04.3	+34:24:58	300	90	3.0	#57 Velocity S	2	
0035.COMP	10	02:12	22:37:04.3	+34:24:58	300	90	3.0	#57 Velocity S	2	
0036.19431455+4008494	300	02:23	19:43:14.6	+40:08:49	300	90	3.0	#141 Mapping t	2	
0037.COMP	10	02:29	19:43:14.6	+40:08:49	300	90	3.0	#141 Mapping t	2	
0038.20093146+4808535	600	02:34	20:09:31.5	+48:08:53	300	90	3.0	#141 Mapping t	2	
0039.COMP	10	02:44	20:09:31.5	+48:08:53	300	90	3.0	#141 Mapping t	2	
0040.BDp284211	90	02:45	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	2	
0041.BDp284211	90	02:47	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	2	
0042.COMP	10	02:49	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	2	
0043.BDp174708	45	02:50	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0044.BDp174708	45	02:51	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0045.BDp174708	45	02:52	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0046.COMP	10	02:53	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0047.fmf354	600	02:55	22:36:26.0	+01:54:46	300	90	3.0	#171f Local Un	2	
0048.COMP	10	03:05	22:36:26.0	+01:54:46	300	90	3.0	#171f Local Un	2	
0049.fmf353	900	03:12	22:36:25.7	+01:36:32	300	90	3.0	#171f Local Un	2	

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0050.COMP	10	03:28	22:36:25.7	+01:36:32	300	90	3.0	#171f Local Un	2	
0051.fmb358	900	03:35	22:36:35.4	+01:40:52	300	90	3.0	#171f Local Un	2	
0052.COMP	10	03:51	22:36:35.4	+01:40:52	300	90	3.0	#171f Local Un	2	
0053.fmb355	900	03:53	22:36:27.4	+01:24:25	300	90	3.0	#171f Local Un	2	
0054.COMP	10	04:09	22:36:27.4	+01:24:25	300	90	3.0	#171f Local Un	2	
0055.fmb356	600	04:10	22:36:28.2	+01:28:36	300	90	3.0	#171f Local Un	2	
0056.COMP	10	04:20	22:36:28.2	+01:28:36	300	90	3.0	#171f Local Un	2	
0057.sn2007od	1200	04:21	23:55:48.7	+18:24:55	300	90	3.0	#2 SN Observat	2	
0058.COMP	10	04:42	23:55:48.7	+18:24:55	300	90	3.0	#2 SN Observat	2	
0059.sn2007le	1200	04:44	23:38:48.4	-06:31:21	300	20	3.0	#2 SN Observat	2	
0060.COMP	10	05:04	23:38:48.4	-06:31:21	300	20	3.0	#2 SN Observat	2	
0061.sn2007anon	1800	05:08	01:31:47.1	+33:36:54	300	81	3.0	#2 SN Observat	2	
0062.COMP	10	05:39	01:31:47.1	+33:36:54	300	81	3.0	#2 SN Observat	2	
0063.fmb423	420	05:41	23:49:30.8	+06:33:05	300	90	3.0	#171f Local Un	2	
0064.COMP	10	05:48	23:49:30.8	+06:33:05	300	90	3.0	#171f Local Un	2	
0065.fmb424	900	05:49	23:49:31.7	+06:10:09	300	90	3.0	#171f Local Un	2	
0066.COMP	10	06:05	23:49:31.7	+06:10:09	300	90	3.0	#171f Local Un	2	
0067.fmb426	900	06:06	23:49:35.8	+06:15:15	300	90	3.0	#171f Local Un	2	
0068.COMP	10	06:21	23:49:35.8	+06:15:15	300	90	3.0	#171f Local Un	2	
0069.fmb427	720	06:22	23:49:36.7	+05:45:08	300	90	3.0	#171f Local Un	2	

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0070.COMP	10	06:37	23:49:36.7	+05:45:08	300	90	3.0	#171f Local Un	2	
0071.fmb429	720	06:38	23:49:38.4	+05:45:47	300	90	3.0	#171f Local Un	2	
0072.COMP	10	06:51	23:49:38.4	+05:45:47	300	90	3.0	#171f Local Un	2	
0073.fmb430	720	06:54	23:49:51.1	+05:54:15	300	90	3.0	#171f Local Un	2	
0074.COMP	10	07:06	23:49:51.1	+05:54:15	300	90	3.0	#171f Local Un	2	
0075.fmb432	720	07:08	23:49:52.5	+06:29:34	300	90	3.0	#171f Local Un	2	
0076.COMP	10	07:20	23:49:52.5	+06:29:34	300	90	3.0	#171f Local Un	2	
0077.hxPer289	420	07:24	02:23:35.9	+56:52:52	300	90	3.0	#170 h & chi P	2	
0078.COMP	10	07:31	02:23:35.9	+56:52:52	300	90	3.0	#170 h & chi P	2	
0079.hxPer290	420	07:32	02:17:09.2	+57:11:47	300	90	3.0	#170 h & chi P	2	
0080.COMP	10	07:39	02:17:09.2	+57:11:47	300	90	3.0	#170 h & chi P	2	
0081.hxPer291	420	07:40	02:17:45.1	+57:26:21	300	90	3.0	#170 h & chi P	2	
0082.COMP	10	07:47	02:17:45.1	+57:26:21	300	90	3.0	#170 h & chi P	2	
0083.hxPer292	420	07:48	02:17:22.3	+57:18:36	300	90	3.0	#170 h & chi P	2	
0084.COMP	10	07:56	02:17:22.3	+57:18:36	300	90	3.0	#170 h & chi P	2	
0085.hxPer293	420	07:56	02:23:24.9	+56:55:17	300	90	3.0	#170 h & chi P	2	
0086.COMP	10	08:04	02:23:24.9	+56:55:17	300	90	3.0	#170 h & chi P	2	
0087.hxPer294	420	08:05	02:21:12.2	+57:31:53	300	90	3.0	#170 h & chi P	2	
0088.COMP	10	08:12	02:21:12.2	+57:31:53	300	90	3.0	#170 h & chi P	2	
0089.hxPer295	420	08:13	02:22:31.6	+57:27:20	300	90	3.0	#170 h & chi P	2	

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0090.COMP	10	08:20	02:22:31.6	+57:27:20	300	90	3.0	#170 h & chi P	2	
0091.hxPer296	420	08:21	02:22:22.7	+57:23:34	300	90	3.0	#170 h & chi P	2	
0092.COMP	10	08:29	02:22:22.7	+57:23:34	300	90	3.0	#170 h & chi P	2	
0093.hxPer297	420	08:30	02:18:04.9	+56:48:34	300	90	3.0	#170 h & chi P	2	
0094.COMP	10	08:37	02:18:04.9	+56:48:34	300	90	3.0	#170 h & chi P	2	
0095.hxPer298	420	08:38	02:22:34.6	+57:28:08	300	90	3.0	#170 h & chi P	2	
0096.COMP	10	08:45	02:22:34.6	+57:28:08	300	90	3.0	#170 h & chi P	2	
0097.hxPer299	420	08:46	02:18:48.8	+56:53:18	300	90	3.0	#170 h & chi P	2	
0098.COMP	10	08:54	02:18:48.8	+56:53:18	300	90	3.0	#170 h & chi P	2	
0099.hxPer300	420	08:55	02:20:58.2	+57:28:28	300	90	3.0	#170 h & chi P	2	
0100.COMP	10	09:02	02:20:58.2	+57:28:28	300	90	3.0	#170 h & chi P	2	
0101.fmfs168	300	09:05	04:52:36.1	-18:22:15	300	90	3.0	#171 Local Uni	2	
0102.COMP	10	09:10	04:52:36.1	-18:22:15	300	90	3.0	#171 Local Uni	2	
0103.fmfs165	300	09:12	04:51:37.5	-18:08:20	300	90	3.0	#171 Local Uni	2	
0104.COMP	10	09:17	04:51:37.5	-18:08:20	300	90	3.0	#171 Local Uni	2	
0105.fmfs166	300	09:18	04:51:44.6	-18:09:46	300	90	3.0	#171 Local Uni	2	
0106.COMP	10	09:23	04:51:44.6	-18:09:46	300	90	3.0	#171 Local Uni	2	
0107.fmfs167	600	09:24	04:51:59.2	-18:15:07	300	90	3.0	#171 Local Uni	2	
0108.COMP	10	09:34	04:51:59.2	-18:15:07	300	90	3.0	#171 Local Uni	2	
0109.fmfs169	600	09:36	04:52:47.4	-18:46:28	300	90	3.0	#171 Local Uni	2	

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0110.COMP	10	09:46	04:52:47.4	-18:46:28	300	90	3.0	#171 Local Uni	2	
0111.fmfs170	200	09:47	04:52:52.8	-18:21:09	300	90	3.0	#171 Local Uni	2	
0112.COMP	10	09:51	04:52:52.8	-18:21:09	300	90	3.0	#171 Local Uni	2	
0113.fmfs171	400	09:52	04:53:02.6	-18:22:21	300	90	3.0	#171 Local Uni	2	
0114.COMP	10	09:59	04:53:02.6	-18:22:21	300	90	3.0	#171 Local Uni	2	
0115.fmfs172	300	10:00	04:53:16.6	-18:44:58	300	90	3.0	#171 Local Uni	2	
0116.COMP	10	10:05	04:53:16.6	-18:44:58	300	90	3.0	#171 Local Uni	2	
0117.fmfs173	400	10:07	04:53:30.1	-17:55:38	300	90	3.0	#171 Local Uni	2	
0118.COMP	10	10:14	04:53:30.1	-17:55:38	300	90	3.0	#171 Local Uni	2	
0119.fmfs174	300	10:17	04:53:37.1	-17:55:31	300	90	3.0	#171 Local Uni	2	
0120.COMP	10	10:22	04:53:37.1	-17:55:31	300	90	3.0	#171 Local Uni	2	
0121.fmfs175	300	10:23	04:54:15.0	-18:53:06	300	90	3.0	#171 Local Uni	2	
0122.COMP	10	10:28	04:54:15.0	-18:53:06	300	90	3.0	#171 Local Uni	2	
0123.fmfs176	200	10:29	04:54:18.5	-18:55:15	300	90	3.0	#171 Local Uni	2	
0124.COMP	10	10:33	04:54:18.5	-18:55:15	300	90	3.0	#171 Local Uni	2	
0125.fmfs177	300	10:34	04:54:24.7	-17:56:56	300	90	3.0	#171 Local Uni	2	
0126.COMP	10	10:39	04:54:24.7	-17:56:56	300	90	3.0	#171 Local Uni	2	
0127.fmfs178	300	10:40	04:54:27.6	-17:58:00	300	90	3.0	#171 Local Uni	2	
0128.COMP	10	10:46	04:54:27.6	-17:58:00	300	90	3.0	#171 Local Uni	2	
0129.cvso-078465	400	10:47	05:57:43.3	+02:29:51	300	90	3.0	#112 Orion PMS	2	

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0130.COMP	10	10:54	05:57:43.3	+02:29:51	300	90	3.0	#112 Orion PMS	2	
0131.cvso-078778	400	10:55	05:57:58.7	+02:21:31	300	90	3.0	#112 Orion PMS	2	
0132.COMP	10	11:02	05:57:58.7	+02:21:31	300	90	3.0	#112 Orion PMS	2	
0133.cvso-079028	400	11:03	05:58:09.8	+02:22:44	300	90	3.0	#112 Orion PMS	2	
0134.COMP	10	11:10	05:58:09.8	+02:22:44	300	90	3.0	#112 Orion PMS	2	
0135.cvso-079426	400	11:11	05:58:26.2	+02:21:51	300	90	3.0	#112 Orion PMS	2	
0136.COMP	10	11:18	05:58:26.2	+02:21:51	300	90	3.0	#112 Orion PMS	2	
0137.cvso-080387	300	11:19	05:59:01.5	+02:32:18	300	90	3.0	#112 Orion PMS	2	
0138.COMP	10	11:24	05:59:01.5	+02:32:18	300	90	3.0	#112 Orion PMS	2	
0139.cvso-081106	300	11:25	05:59:26.9	+02:47:27	300	90	3.0	#112 Orion PMS	2	
0140.COMP	10	11:30	05:59:26.9	+02:47:27	300	90	3.0	#112 Orion PMS	2	
0141.cvso-081993	400	11:31	05:59:59.7	+02:30:45	300	90	3.0	#112 Orion PMS	2	
0142.COMP	10	11:41	05:59:59.7	+02:30:45	300	90	3.0	#112 Orion PMS	2	
0143.cvso-018141	240	11:42	05:06:09.1	+03:49:12	300	90	3.0	#112 Orion PMS	2	
0144.COMP	10	11:46	05:06:09.1	+03:49:12	300	90	3.0	#112 Orion PMS	2	
0145.cvso-020973	400	11:47	05:08:58.2	+03:41:46	300	90	3.0	#112 Orion PMS	2	
0146.COMP	10	11:54	05:08:58.2	+03:41:46	300	90	3.0	#112 Orion PMS	2	
0147.cvso-021748	240	11:55	05:09:44.0	+03:53:22	300	90	3.0	#112 Orion PMS	2	
0148.COMP	10	11:59	05:09:44.0	+03:53:22	300	90	3.0	#112 Orion PMS	2	
0149.fmfs213	720	12:02	09:15:51.0	-12:05:43	300	90	3.0	#171 Local Uni	2	

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0150.COMP	10	12:15	09:15:51.0	-12:05:43	300	90	3.0	#171 Local Uni	2	
0151.fmfs212	600	12:16	09:10:13.0	-09:37:14	300	90	3.0	#171 Local Uni	2	
0152.COMP	10	12:26	09:10:13.0	-09:37:14	300	90	3.0	#171 Local Uni	2	
0153.fmfs214	600	12:27	09:16:01.7	-11:58:05	300	90	3.0	#171 Local Uni	2	
0154.COMP	10	12:38	09:16:01.7	-11:58:05	300	90	3.0	#171 Local Uni	2	
0155.fmfs215	600	12:39	09:16:07.7	-11:58:29	300	90	3.0	#171 Local Uni	2	
0156.COMP	10	12:49	09:16:07.7	-11:58:29	300	90	3.0	#171 Local Uni	2	
0157.fmfs215	400	12:50	09:16:07.7	-11:58:29	300	90	3.0	#171 Local Uni	2	
0158.COMP	10	12:57	09:16:07.7	-11:58:29	300	90	3.0	#171 Local Uni	2	
0159-0168.BIAS	0	13:11	05:59:28.0	+03:57:27	300	90	3.0	#171f Local Un	2	
0169-0183.FLAT	25	13:20	05:59:28.0	+03:57:27	300	90	3.0	#171f Local Un	2	
0184-0193.DARK	900	15:44	05:59:28.0	+03:57:27	300	90	3.0	#171f Local Un	2	

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0001-0005.DARK	900	00:18	05:59:28.0	+03:57:27	300	90	3.0	#171f Local Un	2	
0006-0015.BIAS	0	00:46	05:59:28.0	+03:57:27	300	90	3.0	#171f Local Un	2	
0016-0030.FLAT	25	00:55	05:59:28.0	+03:57:27	300	90	3.0	#171f Local Un	2	
0031.COMP	10	01:00	05:59:28.0	+03:57:27	300	90	3.0	#171f Local Un	2	
0032.N7331	180	01:10	22:37:04.3	+34:24:58	300	90	3.0	#57 Velocity S	2	
0033.COMP	10	01:14	22:37:04.3	+34:24:58	300	90	3.0	#57 Velocity S	2	
0034.19390790+3916443	300	01:17	19:39:07.9	+39:16:44	300	90	3.0	#141 Mapping t	2	
0035.COMP	10	01:23	19:39:07.9	+39:16:44	300	90	3.0	#141 Mapping t	2	
0036.19271491+3952002	300	01:25	19:27:14.9	+39:52:00	300	90	3.0	#141 Mapping t	2	
0037.COMP	10	01:30	19:27:14.9	+39:52:00	300	90	3.0	#141 Mapping t	2	
0038.19284099+4323034	300	01:32	19:28:41.0	+43:23:03	300	90	3.0	#141 Mapping t	2	
0039.COMP	10	01:37	19:28:41.0	+43:23:03	300	90	3.0	#141 Mapping t	2	
0040.19292931+4608036	400	01:39	19:29:29.3	+46:08:04	300	90	3.0	#141 Mapping t	2	star+gxy,gxy to E, gxy to W
0041.COMP	10	01:46	19:29:29.3	+46:08:04	300	90	3.0	#141 Mapping t	2	
0042.19505859+4746067	300	01:47	19:50:58.6	+47:46:07	300	90	3.0	#141 Mapping t	2	
0043.COMP	10	01:53	19:50:58.6	+47:46:07	300	90	3.0	#141 Mapping t	2	
0044.19510442+4946595	400	01:54	19:51:04.4	+49:47:00	300	90	3.0	#141 Mapping t	2	
0045.COMP	10	02:01	19:51:04.4	+49:47:00	300	90	3.0	#141 Mapping t	2	
0046.fmf363	500	02:05	22:37:16.8	+01:35:35	300	90	3.0	#171f Local Un	2	
0047.COMP	10	02:14	22:37:16.8	+01:35:35	300	90	3.0	#171f Local Un	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0048.fmb364	900	02:15	22:37:23.3	+01:21:43	300	90	3.0	#171f Local Un	2	
0049.COMP	10	02:30	22:37:23.3	+01:21:43	300	90	3.0	#171f Local Un	2	
0050.fmb365	900	02:31	22:37:30.6	+01:19:11	300	90	3.0	#171f Local Un	2	
0051.COMP	10	02:47	22:37:30.6	+01:19:11	300	90	3.0	#171f Local Un	2	
0052.fmb361	900	02:49	22:37:07.9	+01:44:10	300	90	3.0	#171f Local Un	2	star to W
0053.COMP	10	03:04	22:37:07.9	+01:44:10	300	90	3.0	#171f Local Un	2	
0054.BDp174708	45	03:06	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0055.BDp174708	45	03:06	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0056.BDp174708	45	03:07	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0057.COMP	10	03:08	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0058.BDp284211	90	03:10	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	2	
0059.BDp284211	90	03:11	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	2	terrible seeing
0060.COMP	10	03:13	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	2	
0061.fmb359	1200	03:16	22:36:46.7	+01:36:42	300	90	3.0	#171f Local Un	2	61W to W
0062.COMP	10	03:36	22:36:46.7	+01:36:42	300	90	3.0	#171f Local Un	2	
0063.fmb360	900	03:37	22:36:57.5	+01:30:23	300	90	3.0	#171f Local Un	2	
0064.COMP	10	03:53	22:36:57.5	+01:30:23	300	90	3.0	#171f Local Un	2	
0065.fmb362	900	03:54	22:37:16.2	+01:33:50	300	90	3.0	#171f Local Un	2	
0066.COMP	10	04:10	22:37:16.2	+01:33:50	300	90	3.0	#171f Local Un	2	
0067.fmb441	720	04:17	23:50:31.2	+06:11:33	300	90	3.0	#171f Local Un	2	

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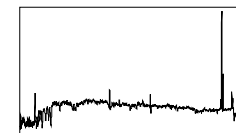
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0068.COMP	10	04:29	23:50:31.2	+06:11:33	300	90	3.0	#171f Local Un	2	
0069.sn20071e	1200	04:32	23:38:48.4	-06:31:21	300	20	3.0	#2 SN Observat	2	rotated to 20
0070.COMP	10	04:52	23:38:48.4	-06:31:21	300	20	3.0	#2 SN Observat	2	
0071.sn2007pk	1200	04:57	01:31:47.1	+33:36:54	300	70	3.0	#2 SN Observat	2	rotated to 70
0072.COMP	10	05:17	01:31:47.1	+33:36:54	300	70	3.0	#2 SN Observat	2	
0073.sn2007anon	1800	05:21	03:19:49.5	+41:31:00	300	90	3.0	#2 SN Observat	2	
0074.COMP	10	05:52	03:19:49.5	+41:31:00	300	90	3.0	#2 SN Observat	2	
0075.hxPer301	400	06:02	02:18:08.9	+57:27:40	300	90	3.0	#170 h & chi P	2	
0076.COMP	10	06:09	02:18:08.9	+57:27:40	300	90	3.0	#170 h & chi P	2	
0077.hxPer302	400	06:10	02:21:01.9	+57:03:58	300	90	3.0	#170 h & chi P	2	star to E
0078.COMP	10	06:17	02:21:01.9	+57:03:58	300	90	3.0	#170 h & chi P	2	
0079.hxPer303	400	06:17	02:22:50.0	+56:48:30	300	90	3.0	#170 h & chi P	2	
0080.COMP	10	06:24	02:22:50.0	+56:48:30	300	90	3.0	#170 h & chi P	2	
0081.hxPer304	400	06:26	02:18:03.6	+56:43:03	300	90	3.0	#170 h & chi P	2	
0082.COMP	10	06:33	02:18:03.6	+56:43:03	300	90	3.0	#170 h & chi P	2	
0083.hxPer305	600	06:33	02:20:25.3	+56:47:46	300	90	3.0	#170 h & chi P	2	terrible seeing 5-10?
0084.COMP	10	06:44	02:20:25.3	+56:47:46	300	90	3.0	#170 h & chi P	2	
0085.hxPer306	600	06:45	02:17:04.9	+56:54:05	300	90	3.0	#170 h & chi P	2	
0086.COMP	10	06:55	02:17:04.9	+56:54:05	300	90	3.0	#170 h & chi P	2	
0087.hxPer307	600	06:56	02:22:39.8	+56:56:31	300	90	3.0	#170 h & chi P	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0088.COMP	10	07:06	02:22:39.8	+56:56:31	300	90	3.0	#170 h & chi P	2	
0089.hxPer308	600	07:07	02:17:53.7	+57:19:51	300	90	3.0	#170 h & chi P	2	
0090.COMP	10	07:18	02:17:53.7	+57:19:51	300	90	3.0	#170 h & chi P	2	
0091.hxPer309	600	07:19	02:18:41.5	+56:44:56	300	90	3.0	#170 h & chi P	2	
0092.COMP	10	07:29	02:18:41.5	+56:44:56	300	90	3.0	#170 h & chi P	2	
0093.hxPer310	600	07:30	02:24:06.3	+57:27:23	300	90	3.0	#170 h & chi P	2	
0094.COMP	10	07:40	02:24:06.3	+57:27:23	300	90	3.0	#170 h & chi P	2	
0095.hxPer311	600	07:41	02:20:29.9	+57:13:26	300	90	3.0	#170 h & chi P	2	
0096.COMP	10	07:51	02:20:29.9	+57:13:26	300	90	3.0	#170 h & chi P	2	
0097.hxPer312	600	07:52	02:23:13.6	+56:56:11	300	90	3.0	#170 h & chi P	2	seeing slightly better
0098.COMP	10	08:03	02:23:13.6	+56:56:11	300	90	3.0	#170 h & chi P	2	
0099.hxPer313	500	08:04	02:19:04.7	+57:25:25	300	90	3.0	#170 h & chi P	2	
0100.COMP	10	08:13	02:19:04.7	+57:25:25	300	90	3.0	#170 h & chi P	2	
0101.hxPer314	600	08:14	02:24:24.4	+57:23:06	300	90	3.0	#170 h & chi P	2	
0102.COMP	10	08:25	02:24:24.4	+57:23:06	300	90	3.0	#170 h & chi P	2	
0103.fmb127	600	08:28	03:01:34.8	+35:53:29	300	90	3.0	#171f Local Un	2	
0104.COMP	10	08:38	03:01:34.8	+35:53:29	300	90	3.0	#171f Local Un	2	
0105.fmb128	900	08:39	03:01:42.6	+35:55:11	300	90	3.0	#171f Local Un	2	
0106.COMP	10	08:55	03:01:42.6	+35:55:11	300	90	3.0	#171f Local Un	2	
0107.fmb126	900	08:56	03:01:07.4	+35:54:33	300	90	3.0	#171f Local Un	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0108.COMP	10	09:11	03:01:07.4	+35:54:33	300	90	3.0	#171f Local Un	2	
0109.fmfbs136	300	09:12	03:04:40.2	+36:01:54	300	90	3.0	#171f Local Un	2	
0110.COMP	10	09:17	03:04:40.2	+36:01:54	300	90	3.0	#171f Local Un	2	
0111.fmfbs179	500	09:21	04:54:28.3	-18:55:34	300	90	3.0	#171 Local Uni	2	
0112.COMP	10	09:29	04:54:28.3	-18:55:34	300	90	3.0	#171 Local Uni	2	
0113.fmfbs180	500	09:31	04:54:28.7	-17:29:24	300	90	3.0	#171 Local Uni	2	
0114.COMP	10	09:39	04:54:28.7	-17:29:24	300	90	3.0	#171 Local Uni	2	
0115.fmfbs181	700	09:41	04:54:34.7	-18:57:12	300	90	3.0	#171 Local Uni	2	obj to W
0116.COMP	10	09:53	04:54:34.7	-18:57:12	300	90	3.0	#171 Local Uni	2	
0117.fmfbs184	300	09:55	04:54:42.9	-17:27:09	300	90	3.0	#171 Local Uni	2	
0118.COMP	10	10:00	04:54:42.9	-17:27:09	300	90	3.0	#171 Local Uni	2	
0119.fmfbs185	700	10:01	04:54:43.4	-17:27:18	300	90	3.0	#171 Local Uni	2	
0120.COMP	10	10:13	04:54:43.4	-17:27:18	300	90	3.0	#171 Local Uni	2	
0121.fmfbs193	400	10:14	04:56:15.4	-18:39:22	300	90	3.0	#171 Local Uni	2	
0122.COMP	10	10:21	04:56:15.4	-18:39:22	300	90	3.0	#171 Local Uni	2	
0123.kep_w5_176	200	10:25	02:51:29.6	+60:25:54	300	90	3.0	#179 OB Stars	2	
0124.COMP	10	10:29	02:51:29.6	+60:25:54	300	90	3.0	#179 OB Stars	2	
0125.kep_w5_177	200	10:29	02:50:30.1	+60:36:01	300	90	3.0	#179 OB Stars	2	
0126.COMP	10	10:33	02:50:30.1	+60:36:01	300	90	3.0	#179 OB Stars	2	
0127.kep_w5_178	300	10:34	02:51:57.9	+60:27:28	300	90	3.0	#179 OB Stars	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0128.COMP	10	10:39	02:51:57.9	+60:27:28	300	90	3.0	#179 OB Stars	2	
0129.kep_w5_179	300	10:40	02:58:10.6	+60:34:49	300	90	3.0	#179 OB Stars	2	
0130.COMP	10	10:46	02:58:10.6	+60:34:49	300	90	3.0	#179 OB Stars	2	
0131.kep_w5_180	300	10:47	02:56:49.5	+60:46:32	300	90	3.0	#179 OB Stars	2	
0132.COMP	10	10:52	02:56:49.5	+60:46:32	300	90	3.0	#179 OB Stars	2	
0133.kep_w5_181	300	11:00	02:50:51.6	+60:38:33	300	90	3.0	#179 OB Stars	2	
0134.COMP	10	11:07	02:50:51.6	+60:38:33	300	90	3.0	#179 OB Stars	2	
0135.kep_w5_182	400	11:08	02:48:32.7	+60:56:54	300	90	3.0	#179 OB Stars	2	
0136.COMP	10	11:15	02:48:32.7	+60:56:54	300	90	3.0	#179 OB Stars	2	
0137.kep_w5_183	200	11:16	02:46:56.4	+60:28:07	300	90	3.0	#179 OB Stars	2	
0138.COMP	10	11:19	02:46:56.4	+60:28:07	300	90	3.0	#179 OB Stars	2	
0139.kep_w5_184	300	11:20	02:51:56.4	+60:33:00	300	90	3.0	#179 OB Stars	2	
0140.COMP	10	11:26	02:51:56.4	+60:33:00	300	90	3.0	#179 OB Stars	2	
0141.kep_w5_185	240	11:27	02:45:44.0	+60:27:14	300	90	3.0	#179 OB Stars	2	
0142.COMP	10	11:31	02:45:44.0	+60:27:14	300	90	3.0	#179 OB Stars	2	
0143.kep_w5_186	240	11:32	02:53:48.5	+60:36:00	300	90	3.0	#179 OB Stars	2	clouds
0144.COMP	10	11:36	02:53:48.5	+60:36:00	300	90	3.0	#179 OB Stars	2	
0145.kep_w5_186	240	11:37	02:53:48.5	+60:36:00	300	90	3.0	#179 OB Stars	2	
0146.COMP	10	11:41	02:53:48.5	+60:36:00	300	90	3.0	#179 OB Stars	2	
0147-0156.BIAS	0	12:44	02:45:49.4	+60:25:48	300	90	3.0	#2 SN Observat	2	

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0157-0171.FLAT	25	12:54	02:45:49.4	+60:25:48	300	90	3.0	#2 SN Observat	2	
0172-0181.DARK	900	15:30	02:45:49.4	+60:25:48	300	90	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0006.DARK	900	23:24	02:45:49.4	+60:25:48	300	90	3.0	#2 SN Observat	2	
0007.COMP	5	23:51	02:45:49.4	+60:25:48	300	90	3.0	#2 SN Observat	2	
0008-0009.DARK	900	00:13	02:45:49.4	+60:25:48	300	90	3.0	#2 SN Observat	2	
0010-0019.BIAS	0	00:42	02:45:49.4	+60:25:48	300	90	3.0	#2 SN Observat	2	
0020-0034.FLAT	25	00:51	02:45:49.4	+60:25:48	300	90	3.0	#2 SN Observat	2	
0035.N7331	180	01:26	22:37:04.3	+34:24:58	300	90	3.0	#57 Velocity S	2	actually M7331 i typed fresh after total
0036.COMP	10	01:29	22:37:04.3	+34:24:58	300	90	3.0	#57 Velocity S	2	
0037.20261182+0346470	400	01:42	20:26:11.8	+03:46:47	300	85	3.0	#141 Mapping t	2	actually 20261182+0346470
0038.COMP	10	01:49	20:26:11.8	+03:46:47	300	85	3.0	#141 Mapping t	2	
0039.N7331	180	01:56	22:37:04.3	+34:24:58	300	90	3.0	#57 Velocity S	2	
0040.COMP	10	02:00	22:37:04.3	+34:24:58	300	90	3.0	#57 Velocity S	2	
0041.20262334-1109469	400	02:07	20:26:23.3	-11:09:47	300	90	3.0	#141 Mapping t	2	
0042.COMP	10	02:14	20:26:23.3	-11:09:47	300	90	3.0	#141 Mapping t	2	
0043.fmf350	660	02:30	22:36:15.6	+01:19:45	300	90	3.0	#171f Local Un	2	
0044.COMP	10	02:46	22:36:15.6	+01:19:45	300	90	3.0	#171f Local Un	2	
0045.BDp284211	90	02:50	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	2	
0046.BDp284211	90	02:52	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	2	
0047.COMP	10	02:54	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	2	
0048.BDp174708	45	02:58	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0049.BDp174708	45	02:59	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0050.BDp174708	45	03:00	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0051.COMP	10	03:01	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0052.sn20071e	1500	03:09	23:38:48.4	-06:31:21	300	-10	3.0	#2 SN Observat	2	
0053.COMP	10	03:35	23:38:48.4	-06:31:21	300	-10	3.0	#2 SN Observat	2	
0054.sn2007od	1200	03:45	23:55:48.7	+18:24:55	300	90	3.0	#2 SN Observat	2	
0055.COMP	10	04:06	23:55:48.7	+18:24:55	300	90	3.0	#2 SN Observat	2	
0056.fmf b457	600	04:17	23:51:09.1	+06:20:35	300	90	3.0	#171f Local Un	2	
0057.COMP	10	04:28	23:51:09.1	+06:20:35	300	90	3.0	#171f Local Un	2	
0058.fmf b458	900	04:34	23:51:09.6	+06:38:09	300	90	3.0	#171f Local Un	2	
0059.COMP	10	04:50	23:51:09.6	+06:38:09	300	90	3.0	#171f Local Un	2	
0060.fmf b459	1200	04:53	23:51:16.8	+06:03:12	300	90	3.0	#171f Local Un	2	
0061.COMP	10	05:14	23:51:16.8	+06:03:12	300	90	3.0	#171f Local Un	2	
0062.fmf b071	300	05:33	01:54:58.8	+35:25:22	300	90	3.0	#171f Local Un	2	
0063.COMP	10	05:39	01:54:58.8	+35:25:22	300	90	3.0	#171f Local Un	2	
0064.fmf b072	300	05:42	01:55:00.3	+34:49:45	300	90	3.0	#171f Local Un	2	
0065.COMP	10	05:49	01:55:00.3	+34:49:45	300	90	3.0	#171f Local Un	2	
0066.fmf b074	360	05:53	01:55:10.8	+36:34:58	300	90	3.0	#171f Local Un	2	
0067.COMP	10	06:00	01:55:10.8	+36:34:58	300	90	3.0	#171f Local Un	2	
0068.fmf b073	720	06:03	01:55:00.4	+36:24:37	300	90	3.0	#171f Local Un	2	
0069.COMP	10	06:16	01:55:00.4	+36:24:37	300	90	3.0	#171f Local Un	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0070.hxPer315	300	06:32	02:22:43.6	+57:18:48	300	90	3.0	#170 h & chi P	2	
0071.COMP	10	06:38	02:22:43.6	+57:18:48	300	90	3.0	#170 h & chi P	2	
0072.hxPer316	300	06:45	02:17:06.4	+57:19:30	300	77	3.0	#170 h & chi P	2	
0073.COMP	10	06:51	02:17:06.4	+57:19:30	300	77	3.0	#170 h & chi P	2	
0074.hxPer317	300	06:59	02:21:28.6	+57:24:32	300	90	3.0	#170 h & chi P	2	
0075.COMP	10	07:04	02:21:28.6	+57:24:32	300	90	3.0	#170 h & chi P	2	
0076.hxPer318	300	07:06	02:19:42.5	+56:51:17	300	90	3.0	#170 h & chi P	2	
0077.COMP	10	07:12	02:19:42.5	+56:51:17	300	90	3.0	#170 h & chi P	2	
0078.sn2007anon	1800	07:26	03:19:49.5	+41:31:00	300	109	3.0	#2 SN Observat	2	
0079.COMP	10	07:56	03:19:49.5	+41:31:00	300	109	3.0	#2 SN Observat	2	
0080.hxPer319	300	08:03	02:17:53.7	+57:17:45	300	90	3.0	#170 h & chi P	2	
0081.COMP	10	08:09	02:17:53.7	+57:17:45	300	90	3.0	#170 h & chi P	2	
0082.hxPer320	300	08:12	02:17:01.2	+57:08:27	300	90	3.0	#170 h & chi P	2	
0083.COMP	10	08:18	02:17:01.2	+57:08:27	300	90	3.0	#170 h & chi P	2	
0084.hxPer321	300	08:21	02:17:30.0	+57:02:30	300	90	3.0	#170 h & chi P	2	
0085.COMP	10	08:26	02:17:30.0	+57:02:30	300	90	3.0	#170 h & chi P	2	
0086.hxPer322	300	08:28	02:17:43.9	+56:59:01	300	90	3.0	#170 h & chi P	2	
0087.COMP	10	08:34	02:17:43.9	+56:59:01	300	90	3.0	#170 h & chi P	2	
0088.hxPer323	300	08:36	02:19:24.2	+56:52:46	300	90	3.0	#170 h & chi P	2	
0089.COMP	10	08:41	02:19:24.2	+56:52:46	300	90	3.0	#170 h & chi P	2	

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0090.hxPer324	300	08:45	02:18:25.7	+56:44:34	300	90	3.0	#170 h & chi P	2	
0091.COMP	10	08:50	02:18:25.7	+56:44:34	300	90	3.0	#170 h & chi P	2	
0092.hxPer325	300	08:52	02:21:15.3	+56:48:26	300	90	3.0	#170 h & chi P	2	
0093.COMP	10	09:00	02:21:15.3	+56:48:26	300	90	3.0	#170 h & chi P	2	
0094.cvso-028628	300	09:15	05:16:02.2	+03:57:03	300	90	3.0	#112 Orion PMS	2	
0095.COMP	10	09:20	05:16:02.2	+03:57:03	300	90	3.0	#112 Orion PMS	2	
0096.cvso-030357	300	09:23	05:17:28.5	+03:47:10	300	90	3.0	#112 Orion PMS	2	
0097.COMP	10	09:28	05:17:28.5	+03:47:10	300	90	3.0	#112 Orion PMS	2	
0098.cvso-034396	300	09:34	05:20:50.9	+04:03:09	300	90	3.0	#112 Orion PMS	2	
0099.COMP	10	09:40	05:20:50.9	+04:03:09	300	90	3.0	#112 Orion PMS	2	
0100.cvso-038283	300	09:43	05:23:40.4	+03:57:35	300	90	3.0	#112 Orion PMS	2	
0101.COMP	10	09:48	05:23:40.4	+03:57:35	300	90	3.0	#112 Orion PMS	2	
0102.cvso-044218	240	09:50	05:27:59.8	+03:51:55	300	90	3.0	#112 Orion PMS	2	
0103.COMP	10	09:56	05:27:59.8	+03:51:55	300	90	3.0	#112 Orion PMS	2	
0104.cvso-044319	240	09:58	05:28:04.4	+03:47:02	300	95	3.0	#112 Orion PMS	2	
0105.COMP	10	10:03	05:28:04.4	+03:47:02	300	95	3.0	#112 Orion PMS	2	
0106.cvso-054470	300	10:05	05:35:33.7	+03:37:12	300	95	3.0	#112 Orion PMS	2	
0107.COMP	10	10:11	05:35:33.7	+03:37:12	300	95	3.0	#112 Orion PMS	2	
0108.cvso-055061	300	10:13	05:36:01.0	+03:38:16	300	90	3.0	#112 Orion PMS	2	
0109.COMP	10	10:19	05:36:01.0	+03:38:16	300	90	3.0	#112 Orion PMS	2	

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0110.cvso-069471	300	10:21	05:46:45.1	+03:56:18	300	90	3.0	#112 Orion PMS	2	
0111.COMP	10	10:26	05:46:45.1	+03:56:18	300	90	3.0	#112 Orion PMS	2	
0112.cvso-073448	300	10:31	05:49:40.1	+04:00:53	300	90	3.0	#112 Orion PMS	2	
0113.COMP	10	10:38	05:49:40.1	+04:00:53	300	90	3.0	#112 Orion PMS	2	
0114.cvso-074476	300	10:41	05:50:19.9	+03:46:14	300	90	3.0	#112 Orion PMS	2	
0115.COMP	10	10:47	05:50:19.9	+03:46:14	300	90	3.0	#112 Orion PMS	2	
0116.cvso-081539	300	10:49	05:55:51.5	+03:48:01	300	90	3.0	#112 Orion PMS	2	
0117.COMP	10	10:55	05:55:51.5	+03:48:01	300	90	3.0	#112 Orion PMS	2	
0118.cvso-083252	300	10:59	05:57:09.7	+03:57:30	300	90	3.0	#112 Orion PMS	2	
0119.COMP	10	11:04	05:57:09.7	+03:57:30	300	90	3.0	#112 Orion PMS	2	
0120.cvso-084338	300	11:10	05:57:56.2	+03:54:21	300	90	3.0	#112 Orion PMS	2	
0121.COMP	10	11:15	05:57:56.2	+03:54:21	300	90	3.0	#112 Orion PMS	2	
0122.cvso-084373	300	11:18	05:57:57.6	+03:53:09	300	90	3.0	#112 Orion PMS	2	
0123.COMP	10	11:26	05:57:57.6	+03:53:09	300	90	3.0	#112 Orion PMS	2	
0124.cvso-085423	300	11:29	05:58:38.6	+03:39:31	300	90	3.0	#112 Orion PMS	2	
0125.COMP	10	11:35	05:58:38.6	+03:39:31	300	90	3.0	#112 Orion PMS	2	
0126.cvso-086223	300	11:39	05:59:05.5	+04:02:29	300	75	3.0	#112 Orion PMS	2	
0127.COMP	10	11:45	05:59:05.5	+04:02:29	300	75	3.0	#112 Orion PMS	2	
0128.cvso-086880	300	11:47	05:59:28.0	+03:57:27	300	75	3.0	#112 Orion PMS	2	
0129.COMP	10	11:53	05:59:28.0	+03:57:27	300	75	3.0	#112 Orion PMS	2	

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0130.IPHAS.B413	1800	12:01	05:36:19.6	+31:43:54	300	90	3.0	#157 IPHAS	2	
0131.COMP	10	12:33	05:36:19.6	+31:43:54	300	90	3.0	#157 IPHAS	2	
0132-0141.BIAS	0	12:58	05:36:19.6	+31:43:54	300	90	3.0	#170 h & chi P	2	
0142-0156.FLAT	25	13:07	05:36:19.6	+31:43:54	300	90	3.0	#170 h & chi P	2	
0157-0166.DARK	900	15:28	05:36:19.6	+31:43:54	300	90	3.0	#170 h & chi P	2	

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0001-0005.DARK	900	00:11	19:15:59.7	+31:29:37	300	90	3.0	#170 h & chi P	2	
0006-0015.BIAS	0	00:30	19:15:59.7	+31:29:37	300	90	3.0	#170 h & chi P	2	
0016-0030.FLAT	25	00:39	19:15:59.7	+31:29:37	300	90	3.0	#170 h & chi P	2	
0031.N7331	180	01:31	22:37:04.3	+34:24:58	300	90	3.0	#57 Velocity S	2	
0032.COMP	10	01:34	22:37:04.3	+34:24:58	300	90	3.0	#57 Velocity S	2	
0033.22564767+5110557	600	01:49	22:56:47.7	+51:10:56	300	90	3.0	#141 Mapping t	2	target at 86
0034.COMP	10	01:59	22:56:47.7	+51:10:56	300	90	3.0	#141 Mapping t	2	
0035.22580387+5048538	600	02:02	22:58:03.9	+50:48:54	300	90	3.0	#141 Mapping t	2	target at 86
0036.COMP	10	02:13	22:58:03.9	+50:48:54	300	90	3.0	#141 Mapping t	2	
0037.23062866-1332118	600	02:19	23:06:28.7	-13:32:12	300	90	3.0	#141 Mapping t	2	
0038.COMP	10	02:29	23:06:28.7	-13:32:12	300	90	3.0	#141 Mapping t	2	
0039.BDp284211	90	02:34	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	2	
0040.BDp284211	90	02:35	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	2	
0041.COMP	10	02:37	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	2	
0042.BDp174708	45	02:39	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0043.BDp174708	45	02:40	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0044.BDp174708	45	02:41	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0045.COMP	10	02:43	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0046.23140646+5034373	900	02:51	23:14:06.5	+50:34:37	300	90	3.0	#141 Mapping t	2	
0047.COMP	10	03:07	23:14:06.5	+50:34:37	300	90	3.0	#141 Mapping t	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0048.fmb351	480	03:12	22:36:20.6	+01:46:50	300	90	3.0	#171f Local Un	2	
0049.COMP	10	03:22	22:36:20.6	+01:46:50	300	90	3.0	#171f Local Un	2	
0050.fmb352	720	03:26	22:36:24.3	+01:21:59	300	90	3.0	#171f Local Un	2	
0051.COMP	10	03:39	22:36:24.3	+01:21:59	300	90	3.0	#171f Local Un	2	
0052.sn2007le	1500	04:07	23:38:48.4	-06:31:21	300	20	3.0	#2 SN Observat	2	
0053.COMP	10	04:33	23:38:48.4	-06:31:21	300	20	3.0	#2 SN Observat	2	
0054.sn2007od	1200	04:49	23:55:48.7	+18:24:55	300	43	3.0	#2 SN Observat	2	
0055.COMP	10	05:10	23:55:48.7	+18:24:55	300	43	3.0	#2 SN Observat	2	
0056.COMP	10	05:17	23:55:48.7	+18:24:55	300	43	3.0	#2 SN Observat	2	adjusting tilt not for reduction
0057.COMP	10	05:18	23:55:48.7	+18:24:55	300	43	3.0	#2 SN Observat	2	adjusting tilt not for data reduction
0058.sn2007pk	1500	05:30	01:31:47.1	+33:36:54	300	90	3.0	#2 SN Observat	2	
0059.COMP	10	05:57	01:31:47.1	+33:36:54	300	90	3.0	#2 SN Observat	2	
0060.fmb075	300	06:07	01:55:20.4	+37:18:24	300	90	3.0	#171f Local Un	2	
0061.COMP	10	06:15	01:55:20.4	+37:18:24	300	90	3.0	#171f Local Un	2	
0062.fmb076	360	06:18	01:55:41.4	+35:44:43	300	90	3.0	#171f Local Un	2	
0063.COMP	10	06:28	01:55:41.4	+35:44:43	300	90	3.0	#171f Local Un	2	
0064.fmb077	500	06:31	01:55:47.3	+34:33:15	300	45	3.0	#171f Local Un	2	
0065.COMP	10	06:41	01:55:47.3	+34:33:15	300	45	3.0	#171f Local Un	2	
0066.fmb078	660	06:44	01:55:48.6	+34:37:03	300	90	3.0	#171f Local Un	2	
0067.COMP	10	06:56	01:55:48.6	+34:37:03	300	90	3.0	#171f Local Un	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0068.fmf079	900	06:58	01:55:51.3	+35:48:01	300	90	3.0	#171f Local Un	2	
0069.COMP	10	07:14	01:55:51.3	+35:48:01	300	90	3.0	#171f Local Un	2	
0070.fmf080	900	07:17	01:56:02.8	+36:41:15	300	90	3.0	#171f Local Un	2	
0071.COMP	10	07:33	01:56:02.8	+36:41:15	300	90	3.0	#171f Local Un	2	
0072.fmf081	400	07:38	01:56:13.5	+35:00:50	300	90	3.0	#171f Local Un	2	
0073.COMP	10	07:46	01:56:13.5	+35:00:50	300	90	3.0	#171f Local Un	2	
0074.fmf082	120	07:50	01:56:44.4	+35:05:02	300	90	3.0	#171f Local Un	2	
0075.COMP	10	07:53	01:56:44.4	+35:05:02	300	90	3.0	#171f Local Un	2	
0076.hxPer326	300	08:04	02:20:44.8	+57:09:57	300	20	3.0	#170 h & chi P	2	
0077.COMP	10	08:18	02:20:44.8	+57:09:57	300	20	3.0	#170 h & chi P	2	
0078.hxPer327	300	08:24	02:22:58.9	+57:31:34	300	90	3.0	#170 h & chi P	2	
0079.COMP	10	08:32	02:22:58.9	+57:31:34	300	90	3.0	#170 h & chi P	2	
0080.hxPer328	300	08:35	02:23:57.9	+56:56:21	300	80	3.0	#170 h & chi P	2	
0081.COMP	10	08:41	02:23:57.9	+56:56:21	300	80	3.0	#170 h & chi P	2	
0082.hxPer329	300	08:45	02:17:03.4	+57:24:19	300	85	3.0	#170 h & chi P	2	
0083.COMP	10	08:51	02:17:03.4	+57:24:19	300	85	3.0	#170 h & chi P	2	
0084.hxPer330	300	08:53	02:18:28.9	+56:47:24	300	90	3.0	#170 h & chi P	2	
0085.COMP	10	08:59	02:18:28.9	+56:47:24	300	90	3.0	#170 h & chi P	2	
0086.hxPer331	120	09:01	02:21:08.4	+57:21:36	300	90	3.0	#170 h & chi P	2	
0087.COMP	10	09:04	02:21:08.4	+57:21:36	300	90	3.0	#170 h & chi P	2	

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0088.hxPer332	240	09:06	02:23:36.8	+57:10:17	300	90	3.0	#170 h & chi P	2	target around 80
0089.COMP	10	09:12	02:23:36.8	+57:10:17	300	90	3.0	#170 h & chi P	2	
0090.hxPer333	300	09:15	02:20:18.5	+56:52:31	300	90	3.0	#170 h & chi P	2	
0091.COMP	10	09:21	02:20:18.5	+56:52:31	300	90	3.0	#170 h & chi P	2	
0092.hxPer334	300	09:22	02:19:55.7	+57:29:00	300	90	3.0	#170 h & chi P	2	
0093.COMP	10	09:29	02:19:55.7	+57:29:00	300	90	3.0	#170 h & chi P	2	
0094.hxPer335	300	09:31	02:21:43.6	+56:51:19	300	90	3.0	#170 h & chi P	2	
0095.COMP	10	09:38	02:21:43.6	+56:51:19	300	90	3.0	#170 h & chi P	2	
0096.hxPer336	300	09:39	02:21:26.3	+57:00:28	300	90	3.0	#170 h & chi P	2	
0097.COMP	10	09:45	02:21:26.3	+57:00:28	300	90	3.0	#170 h & chi P	2	
0098.IPHAS_B414	1200	10:05	05:36:11.8	+32:14:38	300	90	3.0	#157 IPHAS	2	
0099.COMP	10	10:29	05:36:11.8	+32:14:38	300	90	3.0	#157 IPHAS	2	
0100.IPHAS_B415	1200	10:35	05:36:25.8	+24:14:15	300	90	3.0	#157 IPHAS	2	target is at 87
0101.COMP	10	10:56	05:36:25.8	+24:14:15	300	90	3.0	#157 IPHAS	2	
0102.IPHAS_B416	960	11:03	05:37:45.1	+32:02:04	300	90	3.0	#157 IPHAS	2	
0103.COMP	10	11:19	05:37:45.1	+32:02:04	300	90	3.0	#157 IPHAS	2	
0104.IPHAS_B418	960	11:24	05:37:28.6	+32:00:02	300	40	3.0	#157 IPHAS	2	
0105.COMP	10	11:41	05:37:28.6	+32:00:02	300	40	3.0	#157 IPHAS	2	
0106.IPHAS_B423	960	11:48	05:38:34.3	+22:39:19	300	90	3.0	#157 IPHAS	2	
0107.COMP	10	12:05	05:38:34.3	+22:39:19	300	90	3.0	#157 IPHAS	2	

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0108.HIP39757	10	12:14	08:16:12.0	-34:15:00	300	0	3.0	#99 Other	2	not standard entered coords by hand
0109.HIP39757	5	12:16	08:16:12.0	-34:15:00	300	0	3.0	#99 Other	2	not standard coords entered manually request by P Green
0110.COMP	10	12:22	08:16:12.0	-34:15:00	300	0	3.0	#99 Other	2	
0111.IPHAS_B424	480	12:41	05:39:02.1	+29:58:51	300	90	3.0	#157 IPHAS	2	
0112.COMP	10	12:57	05:39:02.1	+29:58:51	300	90	3.0	#157 IPHAS	2	
0113-0122.BIAS	0	13:05	05:39:02.1	+29:58:51	300	90	3.0	#157 IPHAS	2	
0123-0137.FLAT	25	13:14	05:39:02.1	+29:58:51	300	90	3.0	#157 IPHAS	2	
0138-0147.DARK	900	15:34	05:39:02.1	+29:58:51	300	90	3.0	#157 IPHAS	2	

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0001-0005.DARK	900	00:34	19:42:59.7	+31:29:19	300	90	3.0	#12 Symbiotic	2	
0006-0015.BIAS	0	01:08	19:42:59.7	+31:29:19	300	90	3.0	#12 Symbiotic	2	
0016-0030.FLAT	25	01:18	19:42:59.7	+31:29:19	300	90	3.0	#12 Symbiotic	2	
0031.ZAnd	60	01:57	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0032.ZAnd	300	01:58	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0033.ZAnd	30	02:04	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0034.COMP	10	02:05	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0035.COMP	10	02:08	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	adjusted grating tilt
0036.BFCyg	1	02:21	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0037.BFCyg	60	02:21	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0038.COMP	10	02:22	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0039.CHCyg	1	02:24	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0040.CHCyg	5	02:25	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0041.CHCyg	30	02:25	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0042.COMP	10	02:26	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0043.AS360	60	02:37	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0044.AS360	300	02:39	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0045.COMP	10	02:45	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0046.CICyg	2	02:50	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0047.CICyg	20	02:51	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	

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0048.CICyg	60	02:52	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0049.COMP	10	02:54	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0050.PUVu1	1	02:56	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0051.PUVu1	5	02:56	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0052.PUVu1	60	02:56	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0053.COMP	10	02:58	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0054.RAqr	1	03:05	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0055.RAqr	5	03:06	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0056.RAqr	10	03:06	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0057.COMP	10	03:07	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0058.N7331	180	03:10	22:37:04.3	+34:24:58	300	90	3.0	#57 Velocity S	2	
0059.COMP	10	03:13	22:37:04.3	+34:24:58	300	90	3.0	#57 Velocity S	2	
0060.BDp284211	90	03:16	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	2	
0061.BDp284211	90	03:17	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	2	
0062.COMP	10	03:19	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	2	
0063.BDp174708	45	03:22	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0064.BDp174708	45	03:23	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0065.COMP	10	03:24	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0066.sn2007le	1500	03:28	23:38:48.4	-06:31:21	300	0	3.0	#2 SN Observat	2	
0067.COMP	10	03:54	23:38:48.4	-06:31:21	300	0	3.0	#2 SN Observat	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0068.sn2007od	1200	03:58	23:55:48.7	+18:24:55	300	90	3.0	#2 SN Observat	2	
0069.COMP	10	04:19	23:55:48.7	+18:24:55	300	90	3.0	#2 SN Observat	2	
0070.fmf0478	660	04:24	23:52:45.8	+06:05:41	300	90	3.0	#171f Local Un	2	
0071.COMP	10	04:36	23:52:45.8	+06:05:41	300	90	3.0	#171f Local Un	2	
0072.fmf0479	660	04:38	23:52:49.8	+06:00:17	300	90	3.0	#171f Local Un	2	
0073.COMP	10	04:49	23:52:49.8	+06:00:17	300	90	3.0	#171f Local Un	2	
0074.fmf083	480	04:54	01:56:48.2	+35:59:41	300	90	3.0	#171f Local Un	2	
0075.COMP	10	05:03	01:56:48.2	+35:59:41	300	90	3.0	#171f Local Un	2	
0078.sn2007pk	1500	05:39	01:31:47.1	+33:36:54	300	-25	3.0	#2 SN Observat	2	
0079.COMP	10	06:06	01:31:47.1	+33:36:54	300	-25	3.0	#2 SN Observat	2	
0080.sn2007qe	1800	06:26	23:54:13.0	+27:24:33	300	70	3.0	#2 SN Observat	2	
0081.COMP	10	07:00	23:54:13.0	+27:24:33	300	70	3.0	#2 SN Observat	2	
0082.fmf084	960	07:12	01:57:57.7	+35:53:57	300	90	3.0	#171f Local Un	2	
0083.COMP	10	07:28	01:57:57.7	+35:53:57	300	90	3.0	#171f Local Un	2	
0084.fmf085	900	07:31	01:58:01.1	+35:58:38	300	90	3.0	#171f Local Un	2	
0085.COMP	10	07:49	01:58:01.1	+35:58:38	300	90	3.0	#171f Local Un	2	
0086.hxPer337	240	07:56	02:24:07.3	+57:08:10	300	90	3.0	#170 h & chi P	2	
0087.COMP	10	08:01	02:24:07.3	+57:08:10	300	90	3.0	#170 h & chi P	2	
0088.hxPer338	300	08:06	02:20:49.0	+57:20:08	300	90	3.0	#170 h & chi P	2	
0089.COMP	10	08:14	02:20:49.0	+57:20:08	300	90	3.0	#170 h & chi P	2	



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0090-0099.BIAS	0	12:41	02:20:49.0	+57:20:08	300	90	3.0	#170 h & chi P	2	
0100-0114.FLAT	25	12:50	02:20:49.0	+57:20:08	300	90	3.0	#170 h & chi P	2	
0115-0124.DARK	900	15:32	02:20:49.0	+57:20:08	300	90	3.0	#170 h & chi P	2	

UT Date 2007-11-16 Observers W PetersColl. Focus 1320 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0006.DARK	900	00:41	02:20:49.0	+57:20:08	300	90	3.0	#170 h & chi P	2	
0007-0016.BIAS	0	01:00	02:20:49.0	+57:20:08	300	90	3.0	#170 h & chi P	2	
0017-0031.FLAT	25	01:09	02:20:49.0	+57:20:08	300	90	3.0	#170 h & chi P	2	
0033.COMP	10	01:15	02:20:49.0	+57:20:08	300	90	3.0	#170 h & chi P	2	adjusted grating tilt
0034.BDp284211	90	01:54	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	2	
0035.BDp284211	90	01:56	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	2	
0036.COMP	10	01:58	21:51:11.1	+28:51:53	300	90	3.0	#56 Spectropho	2	
0037.BDp174708	180	02:02	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0038.BDp174708	180	02:05	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0039.COMP	10	02:08	22:11:31.5	+18:05:34	300	90	3.0	#56 Spectropho	2	
0040.N7331	180	02:10	22:37:04.3	+34:24:58	300	90	3.0	#57 Velocity S	2	
0041.COMP	10	02:14	22:37:04.3	+34:24:58	300	90	3.0	#57 Velocity S	2	
0042.sn2007qe	1800	02:24	23:54:13.0	+27:24:33	300	0	3.0	#2 SN Observat	2	
0043.COMP	10	02:55	23:54:13.0	+27:24:33	300	0	3.0	#2 SN Observat	2	
0044.sn2007le	1200	03:07	23:38:48.4	-06:31:21	300	-6	3.0	#2 SN Observat	2	
0045.COMP	10	03:28	23:38:48.4	-06:31:21	300	-6	3.0	#2 SN Observat	2	
0046.fmf086	420	03:38	01:58:01.8	+36:18:40	300	90	3.0	#171f Local Un	2	
0047.COMP	10	03:52	01:58:01.8	+36:18:40	300	90	3.0	#171f Local Un	2	
0048.fmf087	480	03:57	01:58:33.2	+36:12:56	300	90	3.0	#171f Local Un	2	
0049.COMP	10	04:07	01:58:33.2	+36:12:56	300	90	3.0	#171f Local Un	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0050.hxPer339	360	06:34	02:19:20.4	+56:44:41	300	90	3.0	#170 h & chi P	2	
0051.COMP	10	06:40	02:19:20.4	+56:44:41	300	90	3.0	#170 h & chi P	2	
0052.hxPer340	300	06:44	02:19:40.9	+56:49:04	300	90	3.0	#170 h & chi P	2	
0053.COMP	10	06:50	02:19:40.9	+56:49:04	300	90	3.0	#170 h & chi P	2	
0054.hxPer341	540	06:52	02:23:48.6	+57:10:31	300	90	3.0	#170 h & chi P	2	
0055.COMP	10	07:02	02:23:48.6	+57:10:31	300	90	3.0	#170 h & chi P	2	
0056.sn2007gr	1800	09:17	02:43:28.0	+37:20:45	300	90	3.0	#2 SN Observat	2	
0057.COMP	10	09:47	02:43:28.0	+37:20:45	300	90	3.0	#2 SN Observat	2	
0058.IPHAS_B445	660	09:52	05:51:18.0	+33:31:36	300	90	3.0	#157 IPHAS	2	
0059.COMP	10	10:04	05:51:18.0	+33:31:36	300	90	3.0	#157 IPHAS	2	
0060.IPHAS_B446	300	10:08	05:53:39.8	+31:51:13	300	90	3.0	#157 IPHAS	2	
0061.COMP	10	10:14	05:53:39.8	+31:51:13	300	90	3.0	#157 IPHAS	2	
0062.IPHAS_B448	720	10:18	05:55:58.4	+32:15:20	300	90	3.0	#157 IPHAS	2	target at 85
0063.COMP	10	10:31	05:55:58.4	+32:15:20	300	90	3.0	#157 IPHAS	2	
0064.IPHAS_B449	1200	10:37	05:55:32.3	+27:44:52	300	90	3.0	#157 IPHAS	2	
0065.COMP	10	10:57	05:55:32.3	+27:44:52	300	90	3.0	#157 IPHAS	2	
0066-0075.BIAS	0	11:56	05:55:03.2	+29:10:01	300	90	3.0	#2 SN Observat	2	
0076-0090.FLAT	25	12:06	05:55:03.2	+29:10:01	300	90	3.0	#2 SN Observat	2	
0091-0105.DARK	900	15:49	05:55:03.2	+29:10:01	300	90	3.0	#2 SN Observat	2	



UT Date 2007-12-01 Observers Calkins

Coll. Focus 1320 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.DARK	900	06:22	01:16:05.0	+31:27:49	300	90	3.0	#2 SN Observat	4	
0011-0020.BIAS	0	07:20	01:16:05.0	+31:27:49	300	90	3.0	#2 SN Observat	4	
0021-0030.FLAT	12	07:26	01:16:05.0	+31:27:49	300	90	3.0	#2 SN Observat	4	
0031-0040.BIAS	0	07:29	01:16:05.0	+31:27:49	300	90	3.0	#2 SN Observat	2	
0041-0060.FLAT	25	07:46	01:16:05.0	+31:27:49	300	90	3.0	#2 SN Observat	2	
0061-0070.DARK	900	10:09	01:16:05.0	+31:27:49	300	90	3.0	#2 SN Observat	2	