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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	0:00	02:02:19	+62:56:04	300	90	3.0	#2 SN Observat	2	
0011-0030.FLAT	25	0:12	02:02:19	+62:56:04	300	90	3.0	#2 SN Observat	2	
0031-0034.DARK	900	1:01	02:02:19	+62:56:04	300	90	3.0	#2 SN Observat	2	
0035.COMP	10	1:17	02:02:19	+62:56:04	300	90	3.0	#2 SN Observat	2	
0036-0040.sky	3	1:28	18:23:00	32:00:00	300	90	3.0	#57 Velocity S	2	
0041.COMP	10	1:28	18:23:00	32:00:00	300	90	3.0	#57 Velocity S	2	
0042.HD229196	2	1:57	20:23:17	40:52:52	300	90	3.0	#99 Other	2	for the hot star archive, Perry
0043.HD229196	2	1:58	20:23:17	40:52:52	300	90	3.0	#99 Other	2	
0044.HD229196	2	1:58	20:23:17	40:52:52	300	90	3.0	#99 Other	2	
0045.COMP	10	1:58	20:23:17	40:52:52	300	90	3.0	#99 Other	2	
0046.HD193237	1	2:01	20:17:47	38:01:58	300	90	3.0	#99 Other	2	P Cyg
0047.HD193237	1	2:02	20:17:47	38:01:58	300	90	3.0	#99 Other	2	
0048.HD193237	2	2:02	20:17:47	38:01:58	300	90	3.0	#99 Other	2	
0049.COMP	10	2:02	20:17:47	38:01:58	300	90	3.0	#99 Other	2	
0050.HD193682	2	2:03	20:20:08	37:49:51	300	90	3.0	#99 Other	2	
0051.HD193682	2	2:04	20:20:08	37:49:51	300	90	3.0	#99 Other	2	
0052.HD193682	2	2:04	20:20:08	37:49:51	300	90	3.0	#99 Other	2	
0053.COMP	10	2:04	20:20:08	37:49:51	300	90	3.0	#99 Other	2	
0054.HD186047	1	2:05	19:40:57	32:37:05	300	90	3.0	#99 Other	2	cool star archive
0055.HD186047	2	2:05	19:40:57	32:37:05	300	90	3.0	#99 Other	2	

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0056.HD186047	2	2:06	19:40:57	32:37:05	300	90	3.0	#99 Other	2	
0057.COMP	10	2:06	19:40:57	32:37:05	300	90	3.0	#99 Other	2	
0058.HD166802	2	2:07	18:12:06	06:51:13	300	90	3.0	#99 Other	2	
0059.HD166802	1	2:08	18:12:06	06:51:13	300	90	3.0	#99 Other	2	
0060.HD166802	5	2:08	18:12:06	06:51:13	300	90	3.0	#99 Other	2	
0061.COMP	10	2:08	18:12:06	06:51:13	300	90	3.0	#99 Other	2	
0062.fmfa459	240	2:10	17:30:02.6	43:41:21	300	90	3.0	#171 Local Uni	2	
0063.COMP	10	2:14	17:30:02.6	43:41:21	300	90	3.0	#171 Local Uni	2	
0064.fmfa460	240	2:15	17:30:04.8	43:47:25	300	90	3.0	#171 Local Uni	2	
0065.COMP	10	2:19	17:30:04.8	43:47:25	300	90	3.0	#171 Local Uni	2	
0066.fmfa461	300	2:20	17:30:14.6	43:34:35	300	90	3.0	#171 Local Uni	2	
0067.COMP	10	2:25	17:30:14.6	43:34:35	300	90	3.0	#171 Local Uni	2	
0068.fmfa462	330	2:26	17:30:58.5	44:02:31	300	90	3.0	#171 Local Uni	2	
0069.COMP	10	2:32	17:30:58.5	44:02:31	300	90	3.0	#141 Mapping t	2	
0070.17055639-2458336	720	2:34	17:05:56.3	-24:58:33	300	90	3.0	#141 Mapping t	2	ok, beware interstellar NaD
0071.COMP	10	2:47	17:05:56.3	-24:58:33	300	90	3.0	#141 Mapping t	2	
0072.17355783-1750054	720	2:48	17:35:57.8	-17:50:05	300	90	3.0	#141 Mapping t	2	nice galaxy spectrum at row 80
0073.COMP	10	3:00	17:35:57.8	-17:50:05	300	90	3.0	#141 Mapping t	2	
0074.18495449-2031203	540	3:02	18:49:54.4	-20:31:20	300	90	3.0	#141 Mapping t	2	
0075.COMP	10	3:11	18:49:54.4	-20:31:20	300	90	3.0	#171 Local Uni	2	

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0076.fmfa447	660	3:13	17:00:45.1	27:49:39	300	90	3.0	#171 Local Uni	2	
0077.COMP	10	3:24	17:00:45.1	27:49:39	300	90	3.0	#171 Local Uni	2	
0078.fmfa448	480	3:25	17:00:59.7	28:07:57	300	90	3.0	#171 Local Uni	2	
0079.COMP	10	3:33	17:00:59.7	28:07:57	300	90	3.0	#171 Local Uni	2	
0080.fmfa449	420	3:34	17:01:02.6	27:56:34	300	90	3.0	#171 Local Uni	2	
0081.COMP	10	3:41	17:01:02.6	27:56:34	300	90	3.0	#171 Local Uni	2	
0082.fmfa450	363	3:42	17:01:25.0	27:44:23	300	90	3.0	#171 Local Uni	2	
0083.COMP	10	3:48	17:01:25.0	27:44:23	300	90	3.0	#171 Local Uni	2	
0084.fmfa452	330	3:50	17:11:00.5	56:56:08	300	90	3.0	#171 Local Uni	2	
0085.COMP	10	3:56	17:11:00.5	56:56:08	300	90	3.0	#171 Local Uni	2	
0086.fmfa451	480	3:56	17:10:15.2	56:45:48	300	90	3.0	#171 Local Uni	2	
0087.COMP	10	4:05	17:10:15.2	56:45:48	300	90	3.0	#171 Local Uni	2	
0088.fmfa453	360	4:05	17:13:15.2	57:40:37	300	90	3.0	#171 Local Uni	2	
0089.COMP	10	4:12	17:13:15.2	57:40:37	300	90	3.0	#171 Local Uni	2	
0090.fmfa454	270	4:13	17:14:11.5	57:58:33	300	90	3.0	#171 Local Uni	2	
0091.COMP	10	4:17	17:14:11.5	57:58:33	300	90	3.0	#171 Local Uni	2	
0092.fmfa455	270	4:18	17:18:11.4	57:30:18	300	90	3.0	#171 Local Uni	2	
0093.COMP	10	4:23	17:18:11.4	57:30:18	300	90	3.0	#171 Local Uni	2	
0094.test	10	4:27	21:51:11.0	28:51:50	600	90	2.0	#174 Cyg X-2	2	
0095.FLAT	60	4:27	21:51:11.0	28:51:50	600	90	2.0	#174 Cyg X-2	2	600-line, 2-sec, tilt 480, Manuel

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0096-0099.FLAT	60	4:32	21:51:11.0	28:51:50	600	90	2.0	#174 Cyg X-2	2	
0100.BDp284211	60	4:34	21:51:11.0	28:51:50	600	90	2.0	#174 Cyg X-2	2	
0101.COMP	15	4:35	21:51:11.0	28:51:50	600	90	2.0	#174 Cyg X-2	2	
0102.CygX2	1178	4:38	21:44:41.2	38:19:18	600	90	2.0	#174 Cyg X-2	2	dome closed, cutting exp short
0103.COMP	15	4:58	21:44:41.2	38:19:18	600	90	2.0	#174 Cyg X-2	2	
0104.test	10	5:01	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0105.test	10	5:03	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0106.test	10	5:04	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0107.BDp284211	90	5:05	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	300-line, 3-sec, combo
0108.BDp284211	90	5:07	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0109.COMP	10	5:08	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0110.SDSS2136+0041	1200	5:11	21:36:38.5	+00:41:54	300	17	3.0	#165 Quasar Br	2	
0111.COMP	10	5:32	21:36:38.5	+00:41:54	300	17	3.0	#165 Quasar Br	2	
0112.BDp174708	45	5:33	22:11:31.4	18:05:33	300	17	3.0	#56 Spectropho	2	
0113.BDp174708	45	5:34	22:11:31.4	18:05:33	300	17	3.0	#56 Spectropho	2	
0114.BDp174708	45	5:35	22:11:31.4	18:05:33	300	17	3.0	#56 Spectropho	2	
0115.COMP	10	5:36	22:11:31.4	18:05:33	300	17	3.0	#56 Spectropho	2	
0116.sn2006gr	1500	5:39	22:32:22.6	+30:49:43	300	0	3.0	#2 SN Observat	2	
0117.COMP	10	6:04	22:32:22.6	+30:49:43	300	0	3.0	#2 SN Observat	2	
0118.S340.9166M09.5632	600	6:06	22:43:39.9	-09:33:47	300	0	3.0	#129 CHAMP Sou	2	

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0119.COMP	10	6:17	22:43:39.9	-09:33:47	300	0	3.0	#129 CHAMP Sou	2	
0120.SDSS2313+0034	1200	6:18	23:13:24.4	+00:34:44	300	4	3.0	#165 Quasar Br	2	
0121.COMP	10	6:39	23:13:24.4	+00:34:44	300	4	3.0	#165 Quasar Br	2	
0122.SDSS2313+0034	1200	6:40	23:13:24.4	+00:34:44	300	12	3.0	#165 Quasar Br	2	
0123.COMP	10	7:01	23:13:24.4	+00:34:44	300	12	3.0	#165 Quasar Br	2	
0124.SDSS2313+0034	1200	7:02	23:13:24.4	+00:34:44	300	21	3.0	#165 Quasar Br	2	
0125.COMP	10	7:22	23:13:24.4	+00:34:44	300	21	3.0	#172 SDSS Clus	2	
0126.cirrfastb001	60	7:24	00:36:24.9	-9:01:33	300	21	3.0	#172 SDSS Clus	2	star, close pair of stars, no agn
0127.COMP	10	7:25	00:36:24.9	-9:01:33	300	21	3.0	#172 SDSS Clus	2	
0128.cirrfastb002	300	7:26	00:36:49.1	-10:44:18	300	21	3.0	#172 SDSS Clus	2	
0129.COMP	10	7:31	00:36:49.1	-10:44:18	300	21	3.0	#172 SDSS Clus	2	
0130.cirrfastb003	480	7:32	00:38:34.8	-9:28:28	300	21	3.0	#172 SDSS Clus	2	
0131.COMP	10	7:40	00:38:34.8	-9:28:28	300	21	3.0	#172 SDSS Clus	2	
0132.cirrfastb004	480	7:41	00:39:26.6	-10:17:32	300	21	3.0	#172 SDSS Clus	2	
0133.COMP	10	7:49	00:39:26.6	-10:17:32	300	21	3.0	#172 SDSS Clus	2	
0134.cirrfastb005	720	7:50	00:41:05.2	-9:46:42	300	21	3.0	#172 SDSS Clus	2	
0135.COMP	10	8:03	00:41:05.2	-9:46:42	300	21	3.0	#172 SDSS Clus	2	
0136.cirrfastb006	720	8:04	00:41:27.9	-9:13:47	300	21	3.0	#172 SDSS Clus	2	
0137.COMP	10	8:16	00:41:27.9	-9:13:47	300	21	3.0	#172 SDSS Clus	2	
0138.cirrfastb007	300	8:17	00:41:43.0	-9:26:21	300	21	3.0	#172 SDSS Clus	2	

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0139.COMP	10	8:22	00:41:43.0	-9:26:21	300	21	3.0	#172 SDSS Clus	2	
0140.cirsfastb008	364	8:23	00:41:53.5	-9:29:48	300	21	3.0	#172 SDSS Clus	2	
0141.COMP	10	8:30	00:41:53.5	-9:29:48	300	21	3.0	#172 SDSS Clus	2	
0142.cirsfastb009	270	8:30	00:43:08.1	-11:12:37	300	21	3.0	#172 SDSS Clus	2	
0143.COMP	10	8:35	00:43:08.1	-11:12:37	300	21	3.0	#2 SN Observat	2	
0144.sn2006gt	1800	8:38	00:56:17.3	-01:37:46	300	21	3.0	#2 SN Observat	2	
0145.COMP	10	9:09	00:56:17.3	-01:37:46	300	21	3.0	#2 SN Observat	2	
0146.cirsfastb011	720	9:10	00:47:49.4	-9:22:32	300	21	3.0	#172 SDSS Clus	2	target is a smaller galaxy embedded in a larger gal, ala M51
0147.COMP	10	9:22	00:47:49.4	-9:22:32	300	21	3.0	#172 SDSS Clus	2	ok. larger gal has em, target does not, ignore fuzz to west
0148.sn2006fo	1500	9:26	02:32:38.9	+00:37:03	300	0	3.0	#2 SN Observat	2	
0149.COMP	10	9:52	02:32:38.9	+00:37:03	300	0	3.0	#2 SN Observat	2	
0150.cirsfastb010	480	9:54	00:45:02.7	-9:48:35	300	90	3.0	#172 SDSS Clus	2	
0151.COMP	10	10:03	00:45:02.7	-9:48:35	300	90	3.0	#172 SDSS Clus	2	
0152.cirsfastb015	300	10:04	01:40:25.5	-10:19:37	300	90	3.0	#172 SDSS Clus	2	
0153.COMP	10	10:09	01:40:25.5	-10:19:37	300	90	3.0	#172 SDSS Clus	2	
0154.cirsfastb012	600	10:10	01:11:35.5	0:27:46	300	90	3.0	#172 SDSS Clus	2	
0155.COMP	10	10:21	01:11:35.5	0:27:46	300	90	3.0	#172 SDSS Clus	2	
0156.cirsfastb014	270	10:21	01:15:16.7	0:11:08	300	90	3.0	#172 SDSS Clus	2	
0157.COMP	10	10:26	01:15:16.7	0:11:08	300	90	3.0	#172 SDSS Clus	2	
0158.cirsfastb013	660	10:27	01:14:37.3	1:10:53	300	90	3.0	#172 SDSS Clus	2	

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0159.COMP	10	10:39	01:14:37.3	1:10:53	300	90	3.0	#172 SDSS Clus	2	
0160.158m213	240	10:40	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	2	
0161.COMP	10	10:45	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	2	
0162.IPHASB_700	300	10:51	00:29:26.9	+63:04:50	300	90	3.0	#157 IPHAS	2	
0163.COMP	10	10:56	00:29:26.9	+63:04:50	300	90	3.0	#157 IPHAS	2	
0164.IPHASB_701	180	10:57	00:32:10.3	+62:39:29	300	90	3.0	#157 IPHAS	2	
0165.COMP	10	11:00	00:32:10.3	+62:39:29	300	90	3.0	#157 IPHAS	2	
0166.IPHASB_702	180	11:01	00:41:21.3	+65:04:13	300	90	3.0	#157 IPHAS	2	
0167.COMP	10	11:04	00:41:21.3	+65:04:13	300	90	3.0	#157 IPHAS	2	
0168.IPHASB_703	180	11:05	00:46:20.8	+62:25:03	300	90	3.0	#157 IPHAS	2	
0169.COMP	10	11:08	00:46:20.8	+62:25:03	300	90	3.0	#157 IPHAS	2	
0170.IPHASB_704	240	11:09	00:47:41.5	+62:42:03	300	90	3.0	#157 IPHAS	2	
0171.COMP	10	11:13	00:47:41.5	+62:42:03	300	90	3.0	#157 IPHAS	2	
0172.IPHASB_705	180	11:14	00:49:12.2	+64:19:45	300	90	3.0	#157 IPHAS	2	
0173.COMP	10	11:17	00:49:12.2	+64:19:45	300	90	3.0	#157 IPHAS	2	
0174.IPHASB_705	180	11:18	00:50:11.8	+63:51:29	300	90	3.0	#157 IPHAS	2	
0175.COMP	10	11:21	00:50:11.8	+63:51:29	300	90	3.0	#157 IPHAS	2	
0176.IPHASB_707	240	11:22	00:54:58.9	+63:39:13	300	90	3.0	#157 IPHAS	2	
0177.COMP	10	11:26	00:54:58.9	+63:39:13	300	90	3.0	#157 IPHAS	2	
0178.IPHASB_708	300	11:27	00:57:43.7	+64:02:35	300	90	3.0	#157 IPHAS	2	

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0179.COMP	10	11:32	00:57:43.7	+64:02:35	300	90	3.0	#157 IPHAS	2	
0180.IPHASB_709	240	11:34	00:57:55.9	+66:28:37	300	90	3.0	#157 IPHAS	2	
0181.COMP	10	11:38	00:57:55.9	+66:28:37	300	90	3.0	#157 IPHAS	2	
0182.IPHASB_728	180	11:39	01:30:00.2	+63:10:44	300	90	3.0	#157 IPHAS	2	
0183.COMP	10	11:42	01:30:00.2	+63:10:44	300	90	3.0	#157 IPHAS	2	
0184.IPHASB_729	180	11:43	01:32:13.9	+62:37:17	300	90	3.0	#157 IPHAS	2	
0185.COMP	10	11:46	01:32:13.9	+62:37:17	300	90	3.0	#157 IPHAS	2	
0186.IPHASB_730	180	11:47	01:33:28.7	+61:07:59	300	90	3.0	#157 IPHAS	2	
0187.COMP	10	11:50	01:33:28.7	+61:07:59	300	90	3.0	#157 IPHAS	2	
0188.IPHASB_731	120	11:51	01:34:02.8	+61:13:58	300	90	3.0	#157 IPHAS	2	
0189.COMP	10	11:53	01:34:02.8	+61:13:58	300	90	3.0	#157 IPHAS	2	
0190.IPHASB_732	120	11:54	01:34:22.6	+62:44:59	300	90	3.0	#157 IPHAS	2	
0191.COMP	10	11:56	01:34:22.6	+62:44:59	300	90	3.0	#157 IPHAS	2	
0192.IPHASB_733	120	11:57	01:38:19.5	+63:53:06	300	90	3.0	#157 IPHAS	2	
0193.COMP	10	11:59	01:38:19.5	+63:53:06	300	90	3.0	#157 IPHAS	2	
0194.IPHASB_734	180	12:00	01:39:20.8	+65:43:38	300	90	3.0	#157 IPHAS	2	
0195.COMP	10	12:03	01:39:20.8	+65:43:38	300	90	3.0	#157 IPHAS	2	
0196.2M07193089+5921184	180	12:05	7:19:30.8	59:21:18	300	90	3.0	#141 Mapping t	2	
0197.COMP	10	12:08	7:19:30.8	59:21:18	300	90	3.0	#141 Mapping t	2	
0198.HD52071	3	12:11	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	

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0199.HD52071	3	12:11	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0200.HD52071	3	12:12	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0201.COMP	10	12:12	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0202.BXMon	10	12:14	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0203.BXMon	30	12:14	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0204.BXMon	90	12:15	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0205.COMP	10	12:17	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0206.sn2006gy	60	12:20	03:17:27.0	+41:24:19	300	90	3.0	#2 SN Observat	2	
0207.COMP	10	12:22	03:17:27.0	+41:24:19	300	90	3.0	#2 SN Observat	2	
0208-0217.BIAS	0	12:25	03:17:27.0	+41:24:19	300	90	3.0	#174 Cyg X-2	2	
0218-0232.FLAT	25	12:33	03:17:27.0	+41:24:19	300	90	3.0	#174 Cyg X-2	2	
0233-0237.DARK	900	13:45	03:17:27.0	+41:24:19	300	90	3.0	#174 Cyg X-2	2	