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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.BIAS	0	0:30	19:51:53.6	+31:28:49	300	90	3.0	#2 SN Observat	4	
0011.FLAT	8	0:30	19:52:15.0	+31:28:49	300	90	3.0	#2 SN Observat	4	
0012-0018.FLAT	8	0:33	19:54:34.4	+31:28:48	300	90	3.0	#2 SN Observat	4	
0019-0020.FLAT	8	0:33	19:55:17.5	+31:28:47	300	90	3.0	#2 SN Observat	4	
0021-0026.BIAS	0	0:35	19:56:35.9	+31:28:47	300	90	3.0	#2 SN Observat	2	
0027-0030.BIAS	0	0:36	19:57:27.8	+31:28:46	300	90	3.0	#2 SN Observat	2	
0031-0032.FLAT	16	0:37	19:58:37.1	+31:28:46	300	90	3.0	#2 SN Observat	2	
0033-0036.FLAT	16	0:39	20:00:38.4	+31:28:45	300	90	3.0	#2 SN Observat	2	
0037-0041.FLAT	16	0:41	20:03:10.4	+31:28:44	300	90	3.0	#2 SN Observat	2	
0042-0045.FLAT	16	0:43	20:05:12.0	+31:28:43	300	90	3.0	#2 SN Observat	2	
0046-0049.FLAT	16	0:45	20:07:12.8	+31:28:42	300	90	3.0	#2 SN Observat	2	
0050-0051.FLAT	16	0:46	20:08:10.0	+31:28:41	300	90	3.0	#2 SN Observat	2	
0052.sky	3	0:50	20:15:00	32:00:00	300	90	3.0	#57 Velocity S	4	thin cirrus
0053-0056.sky	3	0:51	20:15:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.COMP	5	0:52	20:15:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0058.N7331	180	1:25	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0059.COMP	5	1:28	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0060.2M18010501+2900004	360	1:30	18:01:05.0	+29:00:00	300	90	3.0	#141 Mapping t	4	
0061.COMP	5	1:36	18:01:05.0	+29:00:00	300	90	3.0	#141 Mapping t	4	
0062.2M18034278+5545021	240	1:38	18:03:42.7	+55:45:02	300	90	3.0	#141 Mapping t	4	

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0063.COMP	5	1:42	18:03:42.7	+55:45:02	300	90	3.0	#141 Mapping t	4	
0064.2M18021048+6244329	660	1:43	18:02:10.4	+62:44:32	300	90	3.0	#141 Mapping t	4	
0065.COMP	5	1:54	18:02:10.4	+62:44:32	300	90	3.0	#141 Mapping t	4	
0066.2M18043592+6723261	360	1:55	18:04:35.9	+67:23:26	300	90	3.0	#141 Mapping t	4	
0067.COMP	5	2:02	18:04:35.9	+67:23:26	300	90	3.0	#141 Mapping t	4	
0068.2M18060311+7523424	360	2:03	18:06:03.1	+75:23:42	300	90	3.0	#141 Mapping t	4	
0069.COMP	5	2:09	18:06:03.1	+75:23:42	300	90	3.0	#141 Mapping t	4	
0070.2M19011494+8349099	480	2:11	19:01:14.9	+83:49:09	300	90	3.0	#141 Mapping t	4	
0071.COMP	5	2:19	19:01:14.9	+83:49:09	300	90	3.0	#141 Mapping t	4	
0072.2M18551978+7905206	420	2:20	18:55:19.7	+79:05:20	300	90	3.0	#141 Mapping t	4	
0073.COMP	5	2:28	18:55:19.7	+79:05:20	300	90	3.0	#141 Mapping t	4	
0074.2M18435051+8144032	660	2:29	18:43:50.5	+81:44:03	300	90	3.0	#141 Mapping t	4	
0075.COMP	5	2:40	18:43:50.5	+81:44:03	300	90	3.0	#141 Mapping t	4	
0076.2M18433548+7949573	660	2:41	18:43:35.4	+79:49:57	300	90	3.0	#141 Mapping t	4	
0077.COMP	5	2:52	18:43:35.4	+79:49:57	300	90	3.0	#141 Mapping t	4	
0078.BDp284211	100	2:54	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0079.BDp284211	100	2:56	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0080.BDp284211	100	2:58	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0081.COMP	10	3:00	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0082.BDp174708	45	3:01	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	airmass 1.0

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0083.BDp174708	45	3:02	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0084.BDp174708	45	3:03	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0085.COMP	10	3:05	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0086.2M20014713+1015492	900	3:09	20:01:47.1	+10:15:49	300	90	3.0	#141 Mapping t	4	h-alpha em, ok, thicker clouds
0087.COMP	5	3:24	20:01:47.1	+10:15:49	300	90	3.0	#141 Mapping t	4	
0088.2M21110018+0155559	900	3:26	21:11:00.1	+01:55:55	300	90	3.0	#141 Mapping t	4	
0089.COMP	5	3:41	21:11:00.1	+01:55:55	300	90	3.0	#141 Mapping t	4	
0090.2M21132669+0231233	900	3:42	21:13:26.6	+02:31:23	300	90	3.0	#141 Mapping t	4	
0091.COMP	5	3:57	21:13:26.6	+02:31:23	300	90	3.0	#141 Mapping t	4	
0092.2M21161872+0329180	900	3:58	21:16:18.7	+03:29:18	300	90	3.0	#141 Mapping t	4	
0093.COMP	5	4:13	21:16:18.7	+03:29:18	300	90	3.0	#141 Mapping t	4	
0094.2M21440703-0506059	1200	4:17	21:44:07.0	-05:06:05	300	90	3.0	#141 Mapping t	4	too many clouds, redo
0095.COMP	5	4:37	21:44:07.0	-05:06:05	300	90	3.0	#141 Mapping t	4	
0096.2M22095565+0855443	720	4:44	22:09:55.6	+08:55:44	300	90	3.0	#141 Mapping t	4	
0097.COMP	5	4:56	22:09:55.6	+08:55:44	300	90	3.0	#141 Mapping t	4	
0098.sn2005hk	1500	5:01	00:27:50.8	-01:11:52	300	10	3.0	#2 SN Observat	2	
0099.COMP	10	5:27	00:27:50.8	-01:11:52	300	10	3.0	#2 SN Observat	2	
0100.sn2005hg	1800	5:30	01:55:41.8	+46:47:47	300	41	3.0	#2 SN Observat	2	
0101.COMP	10	6:01	01:55:41.8	+46:47:47	300	41	3.0	#2 SN Observat	2	
0102.f1_10	720	6:03	0:55:16.4	+12:19:30	300	90	3.0	#163 Mapping M	4	

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0103.COMP	5	6:16	0:55:16.4	+12:19:30	300	90	3.0	#163 Mapping M	4	
0104.f1_11	720	6:17	0:54:58.4	+12:43:13	300	90	3.0	#163 Mapping M	4	
0105.COMP	5	6:29	0:54:58.4	+12:43:13	300	90	3.0	#163 Mapping M	4	
0106.f1_12	900	6:30	0:54:36.0	+12:23:10	300	90	3.0	#163 Mapping M	4	good h-alpha em at pix 2279
0107.COMP	5	6:45	0:54:36.0	+12:23:10	300	90	3.0	#163 Mapping M	4	
0108.f1_13	180	6:46	0:53:34.9	+12:41:36	300	90	3.0	#163 Mapping M	4	pec agn
0109.COMP	5	6:49	0:53:34.9	+12:41:36	300	90	3.0	#163 Mapping M	4	
0110.f1_14	900	6:51	0:52:43.9	+12:23:50	300	90	3.0	#163 Mapping M	4	
0111.COMP	5	7:06	0:52:43.9	+12:23:50	300	90	3.0	#163 Mapping M	4	
0112.f1_15	1200	7:07	0:51:40.6	+12:30:24	300	100	3.0	#163 Mapping M	4	reject, redo
0113.COMP	5	7:28	0:51:40.6	+12:30:24	300	100	3.0	#163 Mapping M	4	
0114.JH23	4	7:34	05:00:08.2	+03:17:12	300	90	3.0	#112 Orion OB1	4	
0115.JH23	4	7:35	05:00:08.2	+03:17:12	300	90	3.0	#112 Orion OB1	4	
0116.COMP	5	7:35	05:00:08.2	+03:17:12	300	90	3.0	#112 Orion OB1	4	
0117.JH559	180	7:41	05:03:11.0	-03:33:58	300	50	3.0	#112 Orion OB1	4	
0118.COMP	5	7:45	05:03:11.0	-03:33:58	300	50	3.0	#112 Orion OB1	4	
0119.JH615sw	30	7:46	05:03:30.6	+03:50:54	300	90	3.0	#112 Orion OB1	4	
0120.JH615ne	40	7:47	05:03:30.6	+03:50:54	300	90	3.0	#112 Orion OB1	4	
0121.COMP	5	7:48	05:03:30.6	+03:50:54	300	90	3.0	#112 Orion OB1	4	
0122.JH777	20	7:49	05:04:24.0	+01:46:56	300	90	3.0	#112 Orion OB1	4	

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0123.COMP	5	7:50	05:04:24.0	+01:46:56	300	90	3.0	#112 Orion OB1	4	
0124.JH792	20	7:51	05:04:29.9	-03:47:14	300	90	3.0	#112 Orion OB1	4	
0125.JH792	20	7:52	05:04:29.9	-03:47:14	300	90	3.0	#112 Orion OB1	4	
0126.COMP	5	7:52	05:04:29.9	-03:47:14	300	90	3.0	#112 Orion OB1	4	
0127.JH1738	2	7:53	05:09:29.7	-02:08:06	300	90	3.0	#112 Orion OB1	4	
0128.JH1738	2	7:54	05:09:29.7	-02:08:06	300	90	3.0	#112 Orion OB1	4	
0129.COMP	5	7:54	05:09:29.7	-02:08:06	300	90	3.0	#112 Orion OB1	4	
0130.JH1120n	15	7:55	05:06:18.9	+02:57:13	300	90	3.0	#112 Orion OB1	4	
0131.JH1120s	15	7:56	05:06:18.9	+02:57:13	300	90	3.0	#112 Orion OB1	4	
0132.COMP	5	7:56	05:06:18.9	+02:57:13	300	90	3.0	#112 Orion OB1	4	
0133.JH1071	30	7:57	05:06:03.4	+04:06:08	300	90	3.0	#112 Orion OB1	4	
0134.COMP	5	7:59	05:06:03.4	+04:06:08	300	90	3.0	#112 Orion OB1	4	
0135.JH1277	30	8:00	05:07:13.9	+04:10:48	300	90	3.0	#112 Orion OB1	4	
0136.COMP	5	8:00	05:07:13.9	+04:10:48	300	90	3.0	#112 Orion OB1	4	
0137.JH2089sw	35	8:01	05:11:29.4	+05:27:15	300	90	3.0	#112 Orion OB1	4	
0138.JH2089ne	35	8:02	05:11:29.4	+05:27:15	300	90	3.0	#112 Orion OB1	4	
0139.COMP	5	8:03	05:11:29.4	+05:27:15	300	90	3.0	#112 Orion OB1	4	
0140.5232453p01530	300	8:04	05:23:24.5	+01:53:07	300	90	3.0	#112 Orion OB1	4	
0141.COMP	5	8:09	05:23:24.5	+01:53:07	300	90	3.0	#112 Orion OB1	4	
0142.DM100998	20	8:10	05:24:07.8	+01:38:00	300	90	3.0	#112 Orion OB1	4	

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0143.COMP	5	8:11	05:24:07.8	+01:38:00	300	90	3.0	#112 Orion OB1	4	
0144.5245469p01201	300	8:12	05:24:54.7	+01:20:14	300	90	3.0	#112 Orion OB1	4	
0145.COMP	5	8:17	05:24:54.7	+01:20:14	300	90	3.0	#112 Orion OB1	4	
0146.XS02129B2_003	1200	8:19	01:35:46.3	+20:46:35	300	90	3.0	#129 Bright Ch	2	no em, but ok abs lines
0147.COMP	10	8:40	01:35:46.3	+20:46:35	300	90	3.0	#129 Bright Ch	2	
0148.XS02223B3_005	720	8:41	01:55:49.2	+05:35:45	300	90	3.0	#129 Bright Ch	2	
0149.COMP	10	8:53	01:55:49.2	+05:35:45	300	90	3.0	#129 Bright Ch	2	
0150.XS00902B6_011	240	8:55	04:54:14.5	-02:53:24	300	90	3.0	#129 Bright Ch	2	
0151.COMP	10	8:59	04:54:14.5	-02:53:24	300	90	3.0	#129 Bright Ch	2	
0152.XS00902B3_007	35	9:01	04:54:55.2	-03:02:51	300	90	3.0	#129 Bright Ch	2	
0153.COMP	10	9:02	04:54:55.2	-03:02:51	300	90	3.0	#129 Bright Ch	2	
0154.cvso-249111	480	9:05	05:43:23.7	-03:57:22	300	90	3.0	#112 Orion PMS	4	
0155.COMP	5	9:13	05:43:23.7	-03:57:22	300	90	3.0	#112 Orion PMS	4	
0156.sn2005e1	1800	9:16	05:11:48.7	+05:11:39	300	-5	3.0	#2 SN Observat	2	
0157.COMP	10	9:46	05:11:48.7	+05:11:39	300	-5	3.0	#2 SN Observat	2	
0158.cvso-249249	480	9:48	05:43:33.6	-03:49:57	300	0	3.0	#112 Orion PMS	4	
0159.COMP	5	9:57	05:43:33.6	-03:49:57	300	0	3.0	#112 Orion PMS	4	
0160.cvso-249761	330	9:58	05:43:40.8	-02:06:58	300	0	3.0	#112 Orion PMS	4	
0161.COMP	5	10:04	05:43:40.8	-02:06:58	300	0	3.0	#112 Orion PMS	4	
0162.cvso-249546	600	10:05	05:43:56.3	-04:04:55	300	0	3.0	#112 Orion PMS	4	

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0163.COMP	5	10:15	05:43:56.3	-04:04:55	300	0	3.0	#112 Orion PMS	4	
0164.cvso-273949	600	10:16	05:44:12.6	-03:08:03	300	0	3.0	#112 Orion PMS	4	
0165.COMP	5	10:26	05:44:12.6	-03:08:03	300	0	3.0	#112 Orion PMS	4	
0166.cvso-273977	480	10:27	05:44:14.2	-03:09:03	300	0	3.0	#112 Orion PMS	4	
0167.COMP	5	10:35	05:44:14.2	-03:09:03	300	0	3.0	#112 Orion PMS	4	
0168.cvso-274251	600	10:36	05:44:36.4	-03:11:03	300	0	3.0	#112 Orion PMS	4	
0169.COMP	5	10:47	05:44:36.4	-03:11:03	300	0	3.0	#112 Orion PMS	4	
0170.cvso-250271	600	10:48	05:44:55.2	-03:45:22	300	0	3.0	#112 Orion PMS	4	
0171.COMP	5	10:58	05:44:55.2	-03:45:22	300	0	3.0	#112 Orion PMS	4	
0172.cvso-274803	420	10:59	05:45:20.3	-03:22:52	300	0	3.0	#112 Orion PMS	4	
0173.COMP	5	11:06	05:45:20.3	-03:22:52	300	0	3.0	#112 Orion PMS	4	
0174.cvso-250582	480	11:08	05:45:21.5	-04:03:07	300	0	3.0	#112 Orion PMS	4	
0175.COMP	5	11:16	05:45:21.5	-04:03:07	300	0	3.0	#112 Orion PMS	4	
0176.cvso-250652	600	11:18	05:45:25.9	-03:46:57	300	0	3.0	#112 Orion PMS	4	
0177.COMP	5	11:28	05:45:25.9	-03:46:57	300	0	3.0	#112 Orion PMS	4	
0178.cvso-250801	480	11:29	05:46:10.1	-01:56:09	300	0	3.0	#112 Orion PMS	4	
0179.COMP	5	11:37	05:46:10.1	-01:56:09	300	0	3.0	#112 Orion PMS	4	
0180.cvso-275843	660	11:38	05:46:31.4	-03:17:29	300	0	3.0	#112 Orion PMS	4	
0181.COMP	5	11:49	05:46:31.4	-03:17:29	300	0	3.0	#112 Orion PMS	4	
0182.cvso-251082	420	11:50	05:46:39.0	-02:05:56	300	0	3.0	#112 Orion PMS	4	

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0183.COMP	5	11:58	05:46:39.0	-02:05:56	300	0	3.0	#112 Orion PMS	4	
0184.cvso-251340	540	11:59	05:47:07.2	-02:21:11	300	0	3.0	#112 Orion PMS	4	
0185.COMP	5	12:08	05:47:07.2	-02:21:11	300	0	3.0	#112 Orion PMS	4	
0186.cvso-251461	480	12:09	05:47:20.4	-01:56:27	300	0	3.0	#112 Orion PMS	4	good grief clouds all night long
0187.COMP	5	12:17	05:47:20.4	-01:56:27	300	0	3.0	#112 Orion PMS	4	
0188.cvso-252763	720	12:18	05:48:07.5	-03:46:02	300	0	3.0	#112 Orion PMS	4	
0189.COMP	5	12:31	05:48:07.5	-03:46:02	300	0	3.0	#112 Orion PMS	4	
0190.cvso-252455	180	12:31	05:48:41.9	-01:59:32	300	0	3.0	#112 Orion PMS	4	
0191.COMP	5	12:35	05:48:41.9	-01:59:32	300	0	3.0	#112 Orion PMS	4	
0192.HD52071	4	12:37	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0193.HD52071	4	12:37	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0194.HD52071	4	12:38	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0195.COMP	5	12:38	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0196-0205.BIAS	0	12:48	06:57:51	+27:13:42	300	90	3.0	#112 Orion OB1	4	
0206-0215.FLAT	8	12:51	06:57:51	+27:13:42	300	90	3.0	#112 Orion OB1	4	
0216-0225.BIAS	0	12:54	06:57:51	+27:13:42	300	90	3.0	#112 Orion OB1	2	
0226-0246.FLAT	16	13:04	06:57:51	+27:13:42	300	90	3.0	#112 Orion OB1	2	
0247-0251.DARK	900	14:06	06:57:51	+27:13:42	300	90	3.0	#112 Orion OB1	4	
0252-0256.DARK	900	15:23	06:57:51	+27:13:42	300	90	3.0	#112 Orion OB1	2	