

UT Date 2000-11-30 Observers K RinesColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	0:15	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	
0011.BIAS	0	0:33	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	clear, cirrus on horizon
0012-0020.BIAS	0	0:35	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	
0021-0030.FLAT	6	0:37	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	
0031.BIAS	0	0:38	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	binby2
0032-0040.BIAS	0	0:40	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	
0041-0050.FLAT	12	0:44	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	
0051.sky	2	0:47	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	binby4
0052-0055.sky	3	0:48	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	
0056.COMP	5	0:48	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	
0057.BDp284211	30	0:57	21:51:11.0	+28:51:50	300	54	3.0	#56 Photometri	4	
0058.COMP	5	0:58	21:51:11.0	+28:51:50	300	54	3.0	#56 Photometri	4	
0059.BDp284211	30	0:59	21:51:11.0	+28:51:50	300	54	3.0	#56 Photometri	2	binby2
0060.COMP	12	1:00	21:51:11.0	+28:51:50	300	54	3.0	#56 Photometri	2	
0061.N7331	180	1:02	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	binby4
0062.COMP	5	1:05	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0063.id1191	420	1:07	20:07:17.1	35:38:14	300	90	3.0	#115 PMS NGC68	4	
0064.COMP	5	1:14	20:07:17.1	35:38:14	300	90	3.0	#115 PMS NGC68	4	
0065.id2902	420	1:15	19:58:23.2	35:25:32	300	90	3.0	#115 PMS NGC68	4	
0066.COMP	5	1:22	19:58:23.2	35:25:32	300	90	3.0	#115 PMS NGC68	4	

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0067.id1842	480	1:23	20:05:59.5	35:49:55	300	90	3.0	#115 PMS NGC68	4	2 stars W
0068.COMP	5	1:32	20:05:59.5	35:49:55	300	90	3.0	#115 PMS NGC68	4	runaway just after slew
0069.id2249	480	1:32	20:05:07.7	35:41:24	300	90	3.0	#115 PMS NGC68	4	star E
0070.COMP	5	1:41	20:05:07.7	35:41:24	300	90	3.0	#115 PMS NGC68	4	
0071.srgb090.101	240	1:42	01:09:33.5	+32:10:20	300	90	3.0	#59 X-Ray Grou	4	
0072.COMP	5	1:46	01:09:33.5	+32:10:20	300	90	3.0	#59 X-Ray Grou	4	
0073.srgb090.102	240	1:47	01:09:42.7	+32:27:02	300	90	3.0	#59 X-Ray Grou	4	
0074.COMP	5	1:51	01:09:42.7	+32:27:02	300	90	3.0	#59 X-Ray Grou	4	
0075.srgb090.103	360	1:52	01:09:44.2	+32:37:00	300	90	3.0	#59 X-Ray Grou	4	
0076.COMP	5	1:59	01:09:44.2	+32:37:00	300	90	3.0	#59 X-Ray Grou	4	
0077.srgb090.104	360	2:00	01:09:45.5	+31:08:14	300	90	3.0	#59 X-Ray Grou	4	
0078.COMP	5	2:07	01:09:45.5	+31:08:14	300	90	3.0	#59 X-Ray Grou	4	
0079.srgb090.105	720	2:08	01:09:48.4	+32:42:08	300	90	3.0	#59 X-Ray Grou	4	superposed star
0080.COMP	5	2:20	01:09:48.4	+32:42:08	300	90	3.0	#59 X-Ray Grou	4	
0081.srgb090.106	240	2:21	01:09:59.4	+32:22:04	300	90	3.0	#59 X-Ray Grou	4	runaway; not guiding; 2 min into exp
0082.COMP	5	2:25	01:09:59.4	+32:22:04	300	90	3.0	#59 X-Ray Grou	4	
0083.srgb090.107	900	2:26	01:10:00.7	+32:54:12	300	90	3.0	#59 X-Ray Grou	4	
0084.COMP	5	2:41	01:10:00.7	+32:54:12	300	90	3.0	#59 X-Ray Grou	4	
0085.srgb090.108	720	2:42	01:10:02.7	+32:54:47	300	90	3.0	#59 X-Ray Grou	4	runaway, guiding, 6 min in
0086.COMP	5	2:54	01:10:02.7	+32:54:47	300	90	3.0	#59 X-Ray Grou	4	

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0087.srgb090.109	240	2:55	01:10:20.8	+32:23:12	300	90	3.0	#59 X-Ray Grou	4	runaway, not guiding, 2 min in
0088.COMP	5	2:59	01:10:20.8	+32:23:12	300	90	3.0	#59 X-Ray Grou	4	
0089.srgb090.110	720	3:00	01:10:31.7	+32:10:49	300	90	3.0	#59 X-Ray Grou	4	
0090.COMP	5	3:13	01:10:31.7	+32:10:49	300	90	3.0	#59 X-Ray Grou	4	
0091.srgb090.111	45	3:13	01:10:36.6	+33:07:29	300	90	3.0	#59 X-Ray Grou	4	
0092.COMP	5	3:14	01:10:36.6	+33:07:29	300	90	3.0	#59 X-Ray Grou	4	
0093.srgb090.112	600	3:15	01:10:44.5	+33:33:25	300	90	3.0	#59 X-Ray Grou	4	star to W
0094.COMP	5	3:26	01:10:44.5	+33:33:25	300	90	3.0	#59 X-Ray Grou	4	
0095.srgb090.115	480	3:26	01:10:50.7	+33:06:45	300	90	3.0	#59 X-Ray Grou	4	
0096.COMP	5	3:35	01:10:50.7	+33:06:45	300	90	3.0	#59 X-Ray Grou	4	
0097.srgb090.116	240	3:35	01:10:52.4	+32:35:33	300	90	3.0	#59 X-Ray Grou	4	
0098.COMP	5	3:40	01:10:52.4	+32:35:33	300	90	3.0	#59 X-Ray Grou	4	
0099.srgb090.117	480	3:41	01:10:55.7	+33:28:17	300	90	3.0	#59 X-Ray Grou	4	
0100.COMP	5	3:49	01:10:55.7	+33:28:17	300	90	3.0	#59 X-Ray Grou	4	
0101.srgb090.118	60	3:50	01:10:58.9	+33:09:08	300	90	3.0	#59 X-Ray Grou	4	
0102.COMP	5	3:51	01:10:58.9	+33:09:08	300	90	3.0	#59 X-Ray Grou	4	
0103.a119c_420	1200	3:54	01:09:08.0	01:07:15	300	90	3.0	#64 Cluster In	4	
0104.COMP	5	4:14	01:09:08.0	01:07:15	300	90	3.0	#64 Cluster In	4	
0105.a119c_439	900	4:15	00:51:14.0	00:20:53	300	90	3.0	#64 Cluster In	4	
0106.COMP	5	4:31	00:51:14.0	00:20:53	300	90	3.0	#64 Cluster In	4	

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0107.a119c_441	900	4:32	00:49:55.1	-3:10:11	300	90	3.0	#64 Cluster In	4	
0108.COMP	5	4:47	00:49:55.1	-3:10:11	300	90	3.0	#64 Cluster In	4	
0109.a119c_466	1200	4:48	01:03:58.5	-1:40:25	300	90	3.0	#64 Cluster In	4	
0110.COMP	5	5:08	01:03:58.5	-1:40:25	300	90	3.0	#64 Cluster In	4	
0111.SN2000cx	1200	5:12	01:24:46.1	+09:30:30	300	30	3.0	#2 SN Observat	2	binby2
0112.COMP	12	5:32	01:24:46.1	+09:30:30	300	30	3.0	#2 SN Observat	2	
0113.SN2000eo	1200	5:36	03:09:08.2	-10:17:54	300	-4	3.0	#2 SN Observat	2	
0114.COMP	12	5:56	03:09:08.2	-10:17:54	300	-4	3.0	#2 SN Observat	2	
0115.021812p570104	360	6:00	02:18:12.1	+57:01:04	300	90	3.0	#83 h/chi Pers	4	binby4
0116.COMP	5	6:06	02:18:12.1	+57:01:04	300	90	3.0	#83 h/chi Pers	4	
0117.021816p565822	420	6:07	02:18:16.7	+56:58:22	300	90	3.0	#83 h/chi Pers	4	
0118.COMP	5	6:14	02:18:16.7	+56:58:22	300	90	3.0	#83 h/chi Pers	4	
0119.021817p571923	480	6:21	02:18:18.0	+57:19:23	300	90	3.0	#83 h/chi Pers	4	runaway
0120.COMP	5	6:29	02:18:18.0	+57:19:23	300	90	3.0	#83 h/chi Pers	4	
0121.021818p565947	480	6:30	02:18:18.3	+56:59:47	300	90	3.0	#83 h/chi Pers	4	
0122.COMP	5	6:38	02:18:18.3	+56:59:47	300	90	3.0	#83 h/chi Pers	4	
0123.021820p570003	480	6:39	02:18:20.0	+57:00:03	300	90	3.0	#83 h/chi Pers	4	runaway at end of exp
0124.COMP	5	6:47	02:18:20.0	+57:00:03	300	90	3.0	#83 h/chi Pers	4	
0125.021820p571634	480	6:48	02:18:20.3	+57:16:34	300	90	3.0	#83 h/chi Pers	4	
0126.COMP	5	6:56	02:18:20.3	+57:16:34	300	90	3.0	#83 h/chi Pers	4	

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0127.021822p571916	480	6:57	02:18:22.4	+57:19:16	300	90	3.0	#83 h/chi Pers	4	
0128.COMP	5	7:05	02:18:22.4	+57:19:16	300	90	3.0	#83 h/chi Pers	4	
0129.021824p565713	480	7:06	02:18:24.8	+56:57:13	300	90	3.0	#83 h/chi Pers	4	close star E, starE, starW
0130.COMP	5	7:14	02:18:24.8	+56:57:13	300	90	3.0	#83 h/chi Pers	4	
0131.021827p571742	480	7:14	02:18:27.1	+57:17:42	300	90	3.0	#83 h/chi Pers	4	
0132.COMP	5	7:23	02:18:27.1	+57:17:42	300	90	3.0	#83 h/chi Pers	4	
0133.021831p571755	480	7:24	02:18:31.2	+57:17:55	300	90	3.0	#83 h/chi Pers	4	
0134.COMP	5	7:33	02:18:31.2	+57:17:55	300	90	3.0	#83 h/chi Pers	4	
0135.021832p571752	480	7:33	02:18:32.8	+57:17:52	300	90	3.0	#83 h/chi Pers	4	
0136.COMP	5	7:42	02:18:32.8	+57:17:52	300	90	3.0	#83 h/chi Pers	4	
0137.021837p572005	480	7:42	02:18:37.3	+57:20:05	300	90	3.0	#83 h/chi Pers	4	
0138.COMP	5	7:50	02:18:37.3	+57:20:05	300	90	3.0	#83 h/chi Pers	4	
0139.a496_259	900	7:53	04:25:22.1	-10:20:05	300	90	3.0	#64 Cluster In	4	runaway at end of exp
0140.COMP	5	8:09	04:25:22.1	-10:20:05	300	90	3.0	#64 Cluster In	4	
0141.a496_278	1200	8:11	04:35:50.5	-09:05:14	300	90	3.0	#64 Cluster In	4	star to W; em
0142.COMP	5	8:32	04:35:50.5	-09:05:14	300	90	3.0	#64 Cluster In	4	
0143.a496_309	480	8:33	04:33:37.9	-14:18:47	300	90	3.0	#64 Cluster In	4	
0144.COMP	5	8:41	04:33:37.9	-14:18:47	300	90	3.0	#64 Cluster In	4	
0145.a496_312	360	8:42	04:34:51.7	-14:04:09	300	90	3.0	#64 Cluster In	4	
0146.COMP	5	8:48	04:34:51.7	-14:04:09	300	90	3.0	#64 Cluster In	4	

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0147.a496_320	480	8:49	04:41:34.9	-12:04:15	300	90	3.0	#64 Cluster In	4	star to W
0148.COMP	5	8:57	04:41:34.9	-12:04:15	300	90	3.0	#64 Cluster In	4	
0149.a496_323	600	8:58	04:26:06.7	-11:49:42	300	90	3.0	#64 Cluster In	4	
0150.COMP	5	9:09	04:26:06.7	-11:49:42	300	90	3.0	#64 Cluster In	4	
0151.vso118490	1020	9:10	5:54:58.1	1:13:58	300	90	3.0	#112 Orion PMS	4	
0152.COMP	5	9:27	5:54:58.1	1:13:58	300	90	3.0	#112 Orion PMS	4	
0153.vso119795	1020	9:28	5:55:39.2	1:23:03	300	90	3.0	#112 Orion PMS	4	
0154.COMP	5	9:45	5:55:39.2	1:23:03	300	90	3.0	#112 Orion PMS	4	
0155.vso120295	900	9:46	5:55:57.6	1:18:47	300	90	3.0	#112 Orion PMS	4	
0156.COMP	5	10:02	5:55:57.6	1:18:47	300	90	3.0	#112 Orion PMS	4	
0157.vso121125	1020	10:03	5:56:29.9	1:16:07	300	90	3.0	#112 Orion PMS	4	runaway 11 min into exp
0158.COMP	5	10:20	5:56:29.9	1:16:07	300	90	3.0	#112 Orion PMS	4	
0159.vso121541	1020	10:21	5:56:43.1	1:09:14	300	90	3.0	#112 Orion PMS	4	
0160.COMP	5	10:38	5:56:43.1	1:09:14	300	90	3.0	#112 Orion PMS	4	
0161.vso121769	1020	10:39	5:56:53.2	1:05:16	300	90	3.0	#112 Orion PMS	4	
0162.COMP	5	10:57	5:56:53.2	1:05:16	300	90	3.0	#112 Orion PMS	4	
0163.vso122248	900	10:57	5:57:09.8	1:23:33	300	90	3.0	#112 Orion PMS	4	
0164.COMP	5	11:13	5:57:09.8	1:23:33	300	90	3.0	#112 Orion PMS	4	
0165.vso122709	900	11:14	5:57:24.2	1:05:08	300	90	3.0	#112 Orion PMS	4	
0166.COMP	5	11:29	5:57:24.2	1:05:08	300	90	3.0	#112 Orion PMS	4	

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0167.vso124569	900	11:30	5:58:13.6	1:15:33	300	90	3.0	#112 Orion PMS	4	
0168.COMP	5	11:45	5:58:13.6	1:15:33	300	90	3.0	#112 Orion PMS	4	
0169.BGGem	180	11:47	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	binby2
0170.BGGem	900	11:50	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0171.COMP	12	12:05	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0172.cs3258	900	12:08	12:21:53.4	29:05:19	300	90	3.0	#114 Galaxy LF	4	binby4
0173.COMP	5	12:24	12:21:53.4	29:05:19	300	90	3.0	#114 Galaxy LF	4	
0174.cs1112	1200	12:25	12:38:47.6	28:50:30	300	90	3.0	#114 Galaxy LF	4	
0175.COMP	5	12:46	12:38:47.6	28:50:30	300	90	3.0	#114 Galaxy LF	4	
0176.2M074053.9p031026	240	12:47	07:40:53.8	+03:10:26	300	90	3.0	#68 2MASS Reds	4	
0177.COMP	5	12:52	07:40:53.8	+03:10:26	300	90	3.0	#68 2MASS Reds	4	
0178.2M074125.0p184345	120	12:53	07:41:25.0	+18:43:45	300	90	3.0	#68 2MASS Reds	4	
0179.COMP	5	12:55	07:41:25.0	+18:43:45	300	90	3.0	#68 2MASS Reds	4	
0180.2M074410.8p091405	200	12:56	07:44:10.7	+09:14:05	300	90	3.0	#68 2MASS Reds	4	
0181.COMP	5	13:00	07:44:10.7	+09:14:05	300	90	3.0	#68 2MASS Reds	4	
0182.2M074452.8m002130	200	13:01	07:44:52.7	-00:21:30	300	90	3.0	#68 2MASS Reds	4	
0183.COMP	5	13:04	07:44:52.7	-00:21:30	300	90	3.0	#68 2MASS Reds	4	
0184.Feige34	90	13:07	10:39:36.7	+43:06:09	300	20	3.0	#56 Photometri	2	binby2
0185.COMP	12	13:09	10:39:36.7	+43:06:09	300	20	3.0	#56 Photometri	2	
0186.Feige34	90	13:09	10:39:36.7	+43:06:09	300	20	3.0	#56 Photometri	4	binby4

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0187.COMP	5	13:11	10:39:36.7	+43:06:09	300	20	3.0	#56 Photometri	4	
0188-0197.BIAS	0	13:17	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	
0198-0207.FLAT	6	13:20	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	4	
0208.BIAS	0	13:21	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	binby2
0209-0217.BIAS	0	13:24	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	
0218.FLAT	12	13:24	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	cirrus to E at dawn
0219-0227.FLAT	12	13:29	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	
0228-0237.DARK	900	15:47	10:39:36.7	+43:06:09	300	90	3.0	#56 Photometri	2	