

UT Date 2003-09-18 Observers P BerlindColl. Focus 1360 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.BIAS	0	20:46	13:07:37.9	+31:32:08	300	90	1.5	#56 Spectropho	1	
0002.COMP	5	20:48	13:09:43.8	+31:32:08	300	90	1.5	#56 Spectropho	1	
0003.fastfoc	5	21:34	13:55:56.0	+31:32:02	300	90	1.5	#56 Spectropho	1	
0004.fastfoc	5	21:35	13:56:30.4	+31:32:02	300	90	1.5	#56 Spectropho	1	
0005.fastfoc	5	21:35	13:57:01.2	+31:32:02	300	90	1.5	#56 Spectropho	1	
0006.fastfoc	5	21:36	13:57:35.6	+31:32:02	300	90	1.5	#56 Spectropho	1	
0007.fastfoc	5	21:36	13:58:06.4	+31:32:02	300	90	1.5	#56 Spectropho	1	
0008.fastfoc	5	21:37	13:58:40.7	+31:32:02	300	90	1.5	#56 Spectropho	1	
0009.fastfoc	5	21:37	13:59:15.2	+31:32:01	300	90	1.5	#56 Spectropho	1	
0010.fastfoc	5	21:38	13:59:46.2	+31:32:01	300	90	1.5	#56 Spectropho	1	
0011.fastfoc	5	21:38	14:00:20.6	+31:32:01	300	90	1.5	#56 Spectropho	1	
0012.fastfoc	5	21:39	14:00:51.6	+31:32:01	300	90	1.5	#56 Spectropho	1	
0013.fastfoc	5	21:39	14:01:25.9	+31:32:01	300	90	1.5	#56 Spectropho	1	
0014.COMP	5	21:56	14:18:16.9	+31:31:58	300	90	1.5	#56 Spectropho	2	
0015.COMP	5	22:23	14:45:32.2	+31:31:53	300	90	1.5	#56 Spectropho	1	
0016.COMP	5	22:25	14:46:41.6	+31:31:53	300	90	1.5	#56 Spectropho	2	
0017.COMP	5	22:30	14:51:54.1	+31:31:52	300	90	1.5	#56 Spectropho	2	
0018.COMP	5	22:33	14:54:39.1	+31:31:51	300	90	1.5	#56 Spectropho	2	
0019.COMP	5	22:36	14:57:41.3	+31:31:50	300	90	1.5	#56 Spectropho	2	
0020.COMP	5	22:39	15:01:09.7	+31:31:50	300	90	1.5	#56 Spectropho	2	

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0021.fastfoc	5	22:46	15:07:53.2	+31:31:48	300	90	1.5	#56 Spectropho	2	
0022.fastfoc	5	22:46	15:08:15.0	+31:31:48	300	90	1.5	#56 Spectropho	2	
0023.fastfoc	5	22:46	15:08:36.6	+31:31:48	300	90	1.5	#56 Spectropho	2	
0024.fastfoc	5	22:47	15:08:58.1	+31:31:48	300	90	1.5	#56 Spectropho	2	
0025.fastfoc	5	22:47	15:09:19.8	+31:31:48	300	90	1.5	#56 Spectropho	2	
0026.fastfoc	5	22:48	15:09:41.5	+31:31:48	300	90	1.5	#56 Spectropho	2	
0027.fastfoc	5	22:48	15:10:03.3	+31:31:48	300	90	1.5	#56 Spectropho	2	
0028.fastfoc	5	22:48	15:10:24.9	+31:31:47	300	90	1.5	#56 Spectropho	2	
0029.fastfoc	5	22:49	15:10:46.5	+31:31:47	300	90	1.5	#56 Spectropho	2	
0030.fastfoc	5	22:49	15:11:08.3	+31:31:47	300	90	1.5	#56 Spectropho	2	
0031.fastfoc	5	22:49	15:11:30.1	+31:31:47	300	90	1.5	#56 Spectropho	2	
0032.fastfoc	5	22:54	15:16:37.8	+31:31:46	300	90	1.5	#56 Spectropho	2	
0033.fastfoc	5	22:55	15:16:59.3	+31:31:46	300	90	1.5	#56 Spectropho	2	
0034.fastfoc	5	22:55	15:17:21.0	+31:31:46	300	90	1.5	#56 Spectropho	2	
0035.fastfoc	5	22:56	15:17:42.7	+31:31:46	300	90	1.5	#56 Spectropho	2	
0036.fastfoc	5	22:56	15:18:04.5	+31:31:46	300	90	1.5	#56 Spectropho	2	
0037.fastfoc	5	22:56	15:18:26.1	+31:31:46	300	90	1.5	#56 Spectropho	2	
0038.fastfoc	5	22:57	15:18:47.7	+31:31:45	300	90	1.5	#56 Spectropho	2	
0039.fastfoc	5	22:57	15:19:09.5	+31:31:45	300	90	1.5	#56 Spectropho	2	
0040.fastfoc	5	22:57	15:19:31.3	+31:31:45	300	90	1.5	#56 Spectropho	2	

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0041.fastfoc	5	22:58	15:19:52.9	+31:31:45	300	90	1.5	#56 Spectropho	2	
0042.COMP	5	23:03	15:25:14.2	+31:31:44	300	90	1.5	#56 Spectropho	2	
0043.fastfoc	5	23:19	15:41:08.0	+31:31:40	300	90	1.5	#56 Spectropho	2	
0044.fastfoc	5	23:19	15:41:29.8	+31:31:40	300	90	1.5	#56 Spectropho	2	
0045.fastfoc	5	23:20	15:41:51.5	+31:31:40	300	90	1.5	#56 Spectropho	2	
0046.fastfoc	5	23:20	15:42:13.1	+31:31:40	300	90	1.5	#56 Spectropho	2	
0047.fastfoc	5	23:20	15:42:34.7	+31:31:40	300	90	1.5	#56 Spectropho	2	
0048.fastfoc	5	23:21	15:42:56.5	+31:31:40	300	90	1.5	#56 Spectropho	2	
0049.fastfoc	5	23:21	15:43:18.3	+31:31:39	300	90	1.5	#56 Spectropho	2	
0050.fastfoc	5	23:21	15:43:39.9	+31:31:39	300	90	1.5	#56 Spectropho	2	
0051.fastfoc	5	23:22	15:44:01.5	+31:31:39	300	90	1.5	#56 Spectropho	2	
0052.fastfoc	5	23:22	15:44:19.5	+31:31:39	300	90	1.5	#56 Spectropho	2	
0053.fastfoc	5	23:22	15:44:41.3	+31:31:39	300	90	1.5	#56 Spectropho	2	
0054.fastfoc	5	23:23	15:45:03.0	+31:31:39	300	90	1.5	#56 Spectropho	2	
0055.fastfoc	5	23:23	15:45:24.5	+31:31:39	300	90	1.5	#56 Spectropho	2	
0056.fastfoc	5	23:24	15:45:46.3	+31:31:39	300	90	1.5	#56 Spectropho	2	
0057.fastfoc	5	23:24	15:46:08.1	+31:31:39	300	90	1.5	#56 Spectropho	2	
0058.COMP	5	23:29	15:51:03.0	+31:31:37	300	90	1.5	#56 Spectropho	2	
0059.COMP	5	23:30	15:51:54.6	+31:31:37	300	90	1.5	#56 Spectropho	1	
0060.fastfoc	5	23:34	15:56:06.3	+31:31:36	300	90	1.5	#56 Spectropho	2	

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0061.fastfoc	5	23:34	15:56:28.1	+31:31:36	300	90	1.5	#56 Spectropho	2	
0062.fastfoc	5	23:35	15:56:49.7	+31:31:36	300	90	1.5	#56 Spectropho	2	
0063.fastfoc	5	23:35	15:57:11.3	+31:31:36	300	90	1.5	#56 Spectropho	2	
0064.fastfoc	5	23:35	15:57:33.1	+31:31:36	300	90	1.5	#56 Spectropho	2	
0065.fastfoc	5	23:36	15:57:54.7	+31:31:36	300	90	1.5	#56 Spectropho	2	
0066.fastfoc	5	23:36	15:58:16.5	+31:31:36	300	90	1.5	#56 Spectropho	2	
0067.fastfoc	5	23:36	15:58:38.1	+31:31:35	300	90	1.5	#56 Spectropho	2	
0068.fastfoc	5	23:37	15:58:59.7	+31:31:35	300	90	1.5	#56 Spectropho	2	
0069.fastfoc	5	23:37	15:59:21.3	+31:31:35	300	90	1.5	#56 Spectropho	2	
0070.fastfoc	5	23:37	15:59:42.9	+31:31:35	300	90	1.5	#56 Spectropho	2	
0071.fastfoc	5	23:38	16:00:00.9	+31:31:35	300	90	1.5	#56 Spectropho	2	
0072.fastfoc	5	23:38	16:00:22.7	+31:31:35	300	90	1.5	#56 Spectropho	2	
0073.fastfoc	5	23:38	16:00:44.4	+31:31:35	300	90	1.5	#56 Spectropho	2	
0074.fastfoc	5	23:39	16:01:09.6	+31:31:35	300	90	1.5	#56 Spectropho	2	
0075.COMP	5	23:45	16:07:14.0	+31:31:33	300	90	1.5	#56 Spectropho	2	
0076.fastfoc	5	23:52	16:14:28.4	+31:31:31	300	90	1.5	#56 Spectropho	2	
0077.fastfoc	5	23:52	16:14:50.2	+31:31:31	300	90	1.5	#56 Spectropho	2	
0078.fastfoc	5	23:53	16:15:11.8	+31:31:31	300	90	1.5	#56 Spectropho	2	
0079.fastfoc	5	23:53	16:15:33.4	+31:31:31	300	90	1.5	#56 Spectropho	2	
0080.fastfoc	5	23:54	16:15:55.1	+31:31:31	300	90	1.5	#56 Spectropho	2	

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0081.fastfoc	5	23:54	16:16:16.9	+31:31:31	300	90	1.5	#56 Spectropho	2	
0082.fastfoc	5	23:54	16:16:38.5	+31:31:31	300	90	1.5	#56 Spectropho	2	
0083.fastfoc	5	23:55	16:17:00.1	+31:31:30	300	90	1.5	#56 Spectropho	2	
0084.fastfoc	5	23:55	16:17:21.9	+31:31:30	300	90	1.5	#56 Spectropho	2	
0085.fastfoc	5	23:55	16:17:43.7	+31:31:30	300	90	1.5	#56 Spectropho	2	
0086.fastfoc	5	23:56	16:18:05.3	+31:31:30	300	90	1.5	#56 Spectropho	2	
0087.fastfoc	5	23:56	16:18:26.9	+31:31:30	300	90	1.5	#56 Spectropho	2	
0088.fastfoc	5	23:56	16:18:48.7	+31:31:30	300	90	1.5	#56 Spectropho	2	
0089.fastfoc	5	23:57	16:19:10.4	+31:31:30	300	90	1.5	#56 Spectropho	2	
0090.fastfoc	5	23:57	16:19:31.9	+31:31:30	300	90	1.5	#56 Spectropho	2	
0091.BIAS	0	0:08	16:29:48.3	+31:31:27	300	90	1.5	#56 Spectropho	2	
0092.COMP	5	0:08	16:30:27.1	+31:31:27	300	90	1.5	#56 Spectropho	2	
0093.BIAS	0	0:11	16:32:58.6	+31:31:26	300	90	1.5	#56 Spectropho	2	
0094.COMP	5	0:11	16:33:29.2	+31:31:26	300	90	1.5	#56 Spectropho	2	
0095.fastfoc	5	0:16	16:38:15.7	+31:31:25	300	90	1.5	#56 Spectropho	2	
0096.fastfoc	5	0:16	16:38:37.5	+31:31:25	300	90	1.5	#56 Spectropho	2	
0097.fastfoc	5	0:17	16:38:59.2	+31:31:24	300	90	1.5	#56 Spectropho	2	
0098.fastfoc	5	0:17	16:39:20.7	+31:31:24	300	90	1.5	#56 Spectropho	2	
0099.fastfoc	5	0:17	16:39:42.6	+31:31:24	300	90	1.5	#56 Spectropho	2	
0100.fastfoc	5	0:18	16:40:04.1	+31:31:24	300	90	1.5	#56 Spectropho	2	

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0101.fastfoc	5	0:18	16:40:25.9	+31:31:24	300	90	1.5	#56 Spectropho	2	
0102.fastfoc	5	0:18	16:40:47.6	+31:31:24	300	90	1.5	#56 Spectropho	2	
0103.fastfoc	5	0:19	16:41:09.3	+31:31:24	300	90	1.5	#56 Spectropho	2	
0104.fastfoc	5	0:19	16:41:31.0	+31:31:24	300	90	1.5	#56 Spectropho	2	
0105.fastfoc	5	0:19	16:41:52.7	+31:31:24	300	90	1.5	#56 Spectropho	2	
0106.fastfoc	5	0:20	16:42:14.3	+31:31:23	300	90	1.5	#56 Spectropho	2	
0107.fastfoc	5	0:20	16:42:36.2	+31:31:23	300	90	1.5	#56 Spectropho	2	
0108.fastfoc	5	0:21	16:42:57.9	+31:31:23	300	90	1.5	#56 Spectropho	2	
0109.fastfoc	5	0:21	16:43:19.4	+31:31:23	300	90	1.5	#56 Spectropho	2	
0110.fastfoc	5	0:21	16:43:41.3	+31:31:23	300	90	1.5	#56 Spectropho	2	
0111.fastfoc	5	0:22	16:44:02.7	+31:31:23	300	90	1.5	#56 Spectropho	2	
0112.fastfoc	5	0:22	16:44:24.4	+31:31:23	300	90	1.5	#56 Spectropho	2	
0113.fastfoc	5	0:22	16:44:46.0	+31:31:23	300	90	1.5	#56 Spectropho	2	
0114.fastfoc	5	0:23	16:45:07.9	+31:31:23	300	90	1.5	#56 Spectropho	2	
0115.fastfoc	5	0:23	16:45:29.4	+31:31:23	300	90	1.5	#56 Spectropho	2	
0116.fastfoc	5	0:23	16:45:51.1	+31:31:22	300	90	1.5	#56 Spectropho	2	
0117.fastfoc	5	0:24	16:46:12.8	+31:31:22	300	90	1.5	#56 Spectropho	2	
0118.fastfoc	5	0:49	17:11:10.3	+31:31:15	300	90	1.5	#56 Spectropho	2	
0119.fastfoc	5	0:49	17:11:31.8	+31:31:15	300	90	1.5	#56 Spectropho	2	
0120.fastfoc	5	0:49	17:11:53.7	+31:31:15	300	90	1.5	#56 Spectropho	2	

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0121.fastfoc	5	0:50	17:12:15.2	+31:31:15	300	90	1.5	#56 Spectropho	2	
0122.fastfoc	5	0:50	17:12:37.0	+31:31:15	300	90	1.5	#56 Spectropho	2	
0123.fastfoc	5	0:51	17:13:29.3	+31:31:14	300	90	1.5	#56 Spectropho	2	
0124.fastfoc	5	0:51	17:13:51.2	+31:31:14	300	90	1.5	#56 Spectropho	2	
0125.fastfoc	5	0:52	17:14:12.9	+31:31:14	300	90	1.5	#56 Spectropho	2	
0126.fastfoc	5	0:52	17:14:34.4	+31:31:14	300	90	1.5	#56 Spectropho	2	
0127.fastfoc	5	0:52	17:14:56.1	+31:31:14	300	90	1.5	#56 Spectropho	2	
0128.fastfoc	5	0:53	17:15:17.8	+31:31:14	300	90	1.5	#56 Spectropho	2	
0129.fastfoc	5	0:53	17:15:39.5	+31:31:14	300	90	1.5	#56 Spectropho	2	
0130.fastfoc	5	0:54	17:16:01.2	+31:31:14	300	90	1.5	#56 Spectropho	2	
0131.fastfoc	5	0:54	17:16:22.8	+31:31:14	300	90	1.5	#56 Spectropho	2	
0132.fastfoc	5	0:54	17:16:44.4	+31:31:13	300	90	1.5	#56 Spectropho	2	
0133.fastfoc	5	0:55	17:17:06.0	+31:31:13	300	90	1.5	#56 Spectropho	2	
0134.DARK	900	1:42	18:19:57.2	+31:30:55	300	90	3.0	#56 Spectropho	2	
0135.DARK	900	1:58	18:35:12.6	+31:30:50	300	90	3.0	#56 Spectropho	2	
0136.FineFoc	60	4:07	20:01:52.4	31:39:17	300	90	3.0	#56 Spectropho	1	
0137.FineFoc	60	4:13	20:01:52.4	31:39:17	300	90	3.0	#56 Spectropho	1	
0138.FLAT	12	4:48	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	1	
0139.FLAT	16	4:51	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0140.BDp284211	180	5:11	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	

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0141.COMP	5	5:14	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0142.fastfoc	10	5:28	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0143.fastfoc	10	5:28	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0144.fastfoc	10	5:28	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0145.fastfoc	10	5:29	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0146.fastfoc	10	5:29	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0147.fastfoc	10	5:29	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0148.fastfoc	10	5:30	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0149.fastfoc	10	5:30	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0150.fastfoc	10	5:30	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0151.fastfoc	10	5:31	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0152.fastfoc	10	5:31	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0153.COMP	5	5:35	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0154.COMP	5	5:37	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0155-0164.BIAS	0	5:44	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0165-0174.FLAT	6	5:47	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0175-0184.BIAS	0	5:50	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0185-0194.FLAT	12	5:54	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0195.BDp284211	70	5:56	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0196.BDp284211	70	5:57	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0197.COMP	12	5:59	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0198.BDp284211	60	6:00	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0199.BDp284211	60	6:02	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0200.COMP	5	6:04	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0201.BDp284211	60	6:07	21:48:57.1	28:37:48	300	67	3.0	#56 Spectropho	2	
0202.BDp284211	60	6:08	21:48:57.1	28:37:48	300	67	3.0	#56 Spectropho	2	
0203.COMP	12	6:10	21:48:57.1	28:37:48	300	67	3.0	#56 Spectropho	2	
0204.sn2003hy	1200	6:19	21:54:22.7	15:09:37	300	31	3.0	#2 SN Observat	2	
0205.COMP	12	6:40	21:54:22.7	15:09:37	300	31	3.0	#2 SN Observat	2	
0206.MRK509	300	6:42	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0207.MRK509	300	6:47	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0208.COMP	12	6:53	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0209.Akn564	180	6:55	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0210.Akn564	180	6:58	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0211.COMP	12	7:01	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0212.N7469	120	7:03	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0213.N7469	120	7:05	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0214.COMP	12	7:07	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0215.MRK335	180	7:09	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0216.MRK335	180	7:12	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	

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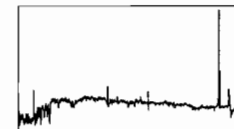
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0217.COMP	12	7:16	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0218.ZAnd	2	7:17	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0219.ZAnd	5	7:18	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0220.ZAnd	15	7:18	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0221.COMP	12	7:19	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0222.2M20591430p5838107	1200	7:21	20:59:14.3	+58:38:10	300	90	3.0	#68 2MASS Reds	2	
0223.COMP	12	7:41	20:59:14.3	+58:38:10	300	90	3.0	#68 2MASS Reds	2	
0224.2M21233995p6001261	540	7:45	21:23:39.9	+60:01:26	300	90	3.0	#68 2MASS Reds	2	
0225.COMP	12	7:54	21:23:39.9	+60:01:26	300	90	3.0	#68 2MASS Reds	2	
0226.2M21283297p3728032	540	7:57	21:28:32.9	+37:28:03	300	90	3.0	#68 2MASS Reds	2	
0227.COMP	12	8:06	21:28:32.9	+37:28:03	300	90	3.0	#68 2MASS Reds	2	
0228.2M21312553p6431000	780	8:08	21:31:25.5	+64:31:00	300	71	3.0	#68 2MASS Reds	2	
0229.COMP	12	8:22	21:31:25.5	+64:31:00	300	71	3.0	#68 2MASS Reds	2	
0230.2M21313077p3856381	420	8:25	21:31:30.7	+38:56:38	300	90	3.0	#68 2MASS Reds	2	
0231.COMP	12	8:32	21:31:30.7	+38:56:38	300	90	3.0	#68 2MASS Reds	2	
0232.2M21314828p3940540	480	8:34	21:31:48.2	+39:40:54	300	90	3.0	#68 2MASS Reds	2	
0233.COMP	12	8:42	21:31:48.2	+39:40:54	300	90	3.0	#68 2MASS Reds	2	
0234.2M21315372p4417011	360	8:44	21:31:53.7	+44:17:01	300	90	3.0	#68 2MASS Reds	2	
0235.COMP	12	8:50	21:31:53.7	+44:17:01	300	90	3.0	#68 2MASS Reds	2	
0236.2M21345066p6322003	1200	9:11	21:34:50.6	+63:22:00	300	110	3.0	#68 2MASS Reds	2	

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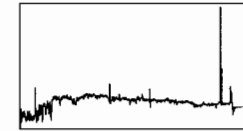
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0237.COMP	12	9:31	21:34:50.6	+63:22:00	300	110	3.0	#68 2MASS Reds	2	
0238.M31	60	9:33	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0239.COMP	12	9:34	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0240.sn2003gx	1200	9:40	01:02:55.0	37:40:10	300	110	3.0	#2 SN Observat	2	
0241.COMP	12	10:01	01:02:55.0	37:40:10	300	110	3.0	#2 SN Observat	2	
0242.sn2003hw	1200	10:12	03:01:50.0	35:44:36	300	110	3.0	#2 SN Observat	2	
0243.COMP	12	10:32	03:01:50.0	35:44:36	300	110	3.0	#2 SN Observat	2	
0244.011948p08470_d	720	10:40	01:22:55.5	9:2:57	300	90	3.0	#113 Interacti	2	
0245.COMP	12	10:53	01:22:55.5	9:2:57	300	90	3.0	#113 Interacti	2	
0246.014400p34320_a	1080	10:56	01:51:18.8	34:52:23	300	90	3.0	#113 Interacti	2	
0247.COMP	12	11:15	01:51:18.8	34:52:23	300	90	3.0	#113 Interacti	2	
0248.014400p34320_v	900	11:16	01:46:57.0	34:46:22	300	90	3.0	#113 Interacti	2	
0249.COMP	12	11:32	01:46:57.0	34:46:22	300	90	3.0	#113 Interacti	2	
0250.032212p40210_b	1080	11:34	03:28:27.5	40:09:17	300	80	3.0	#113 Interacti	2	
0251.COMP	12	11:53	03:28:27.5	40:09:17	300	80	3.0	#113 Interacti	2	
0252.032212p40210_e	900	11:55	03:29:23.8	39:47:33	300	90	3.0	#113 Interacti	2	
0253.COMP	12	12:11	03:29:23.8	39:47:33	300	90	3.0	#113 Interacti	2	
0254.Hiltner600	60	12:13	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0255.COMP	12	12:14	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0256.Hiltner600	60	12:16	06:42:37.2	02:11:25	300	-42	3.0	#56 Spectropho	2	

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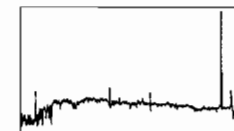
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0257.COMP	12	12:18	06:42:37.2	02:11:25	300	-42	3.0	#56 Spectropho	2	
0258-0262.sky	2	12:45	06:42:37.2	02:11:25	300	90	3.0	#57 Velocity S	4	
0263.COMP	5	12:46	06:42:37.2	02:11:25	300	90	3.0	#57 Velocity S	4	
0264-0273.BIAS	0	12:49	06:42:37.2	02:11:25	300	90	3.0	#57 Velocity S	4	
0274-0283.FLAT	6	12:51	06:42:37.2	02:11:25	300	90	3.0	#57 Velocity S	4	
0284-0293.BIAS	0	12:56	06:42:37.2	02:11:25	300	90	3.0	#57 Velocity S	2	
0294-0303.FLAT	12	13:00	06:42:37.2	02:11:25	300	90	3.0	#57 Velocity S	2	
0304-0312.DARK	900	15:04	06:42:37.2	02:11:25	300	90	3.0	#57 Velocity S	2	

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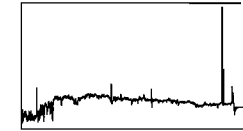
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	3:35	20:02:02.1	+31:29:50	300	90	3.0	#2 SN Observat	4	
0002-0010.BIAS	0	3:36	20:03:10.0	+31:29:49	300	90	3.0	#2 SN Observat	4	
0011-0013.FLAT	6	3:39	20:06:09.4	+31:29:49	300	90	3.0	#2 SN Observat	4	
0014-0020.FLAT	6	3:41	20:07:39.2	+31:29:48	300	90	3.0	#2 SN Observat	4	
0021-0030.BIAS	0	3:43	20:09:51.1	+31:29:48	300	90	3.0	#2 SN Observat	2	
0031-0040.FLAT	12	3:47	20:14:19.8	+31:29:47	300	90	3.0	#2 SN Observat	2	
0041.sn2003ia	1200	3:52	16:17:41.1	35:00:07	300	76	3.0	#2 SN Observat	2	
0042.COMP	12	4:13	16:17:41.1	35:00:07	300	76	3.0	#2 SN Observat	2	
0043.sn2003hu	1200	4:21	19:11:31.4	77:53:35	300	-28	3.0	#2 SN Observat	2	
0044.COMP	12	4:42	19:11:31.4	77:53:35	300	-28	3.0	#2 SN Observat	2	
0045.sn2003ib	1200	4:47	20:33:30.9	-24:37:15	300	20	3.0	#2 SN Observat	2	row=73
0046.COMP	12	5:08	20:33:30.9	-24:37:15	300	20	3.0	#2 SN Observat	2	
0047.FineFoc	60	5:12	21:58:46.8	30:49:16	300	90	3.0	#2 SN Observat	1	
0048.BDp284211	60	5:20	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	need to shorten exp...
0049.BDp284211	60	5:21	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0050.COMP	12	5:23	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0051.BDp284211	30	5:23	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0052.BDp284211	30	5:24	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0053.COMP	12	5:25	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0054.BDp284211	30	5:29	21:48:57.1	28:37:48	300	15	3.0	#56 Spectropho	2	

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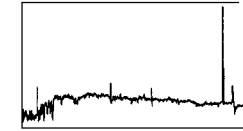
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0055.BDp284211	30	5:30	21:48:57.1	28:37:48	300	15	3.0	#56 Spectropho	2	
0056.COMP	12	5:31	21:48:57.1	28:37:48	300	15	3.0	#56 Spectropho	2	
0057.N7331	70	5:34	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0058.COMP	12	5:36	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0059.BDp284211	30	5:41	21:48:57.1	28:37:48	300	90	5.0	#0 Calibration	2	5arcsec, 300L, tilt=610
0060.BDp284211	30	5:41	21:48:57.1	28:37:48	300	90	5.0	#0 Calibration	2	
0061.BDp284211	30	5:42	21:48:57.1	28:37:48	300	90	5.0	#0 Calibration	2	
0062.COMP	7	5:43	21:48:57.1	28:37:48	300	90	5.0	#0 Calibration	2	
0063.HD217086	3	5:45	22:54:49.0	62:27:35	300	90	5.0	#56 Spectropho	2	
0064.HD217086	3	5:46	22:54:49.0	62:27:35	300	90	5.0	#56 Spectropho	2	
0065.HD217086	3	5:46	22:54:49.0	62:27:35	300	90	5.0	#56 Spectropho	2	
0066.COMP	12	5:47	22:54:49.0	62:27:35	300	90	5.0	#56 Spectropho	2	
0067-0076.FLAT	7	5:52	22:54:49.0	62:27:35	300	90	5.0	#0 Calibration	2	
0077.BDp284211	60	5:58	21:48:57.1	28:37:48	600	90	2.0	#56 Spectropho	4	2arcsec, 600L, tilt=430
0078.COMP	10	6:00	21:48:57.1	28:37:48	600	90	2.0	#56 Spectropho	4	
0079.BDp284211	60	6:01	21:48:57.1	28:37:48	600	90	2.0	#56 Spectropho	4	
0080.COMP	10	6:02	21:48:57.1	28:37:48	600	90	2.0	#56 Spectropho	4	
0081.hss101	1500	6:04	23:02:13.2	-0:29:45	600	70	2.0	#122 Halo Star	4	
0082.COMP	10	6:30	23:02:13.2	-0:29:45	600	70	2.0	#122 Halo Star	4	
0083.hss102	1260	6:34	23:02:18.2	-0:53:48	600	90	2.0	#122 Halo Star	4	

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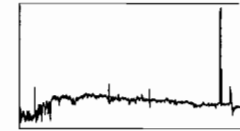
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0084.COMP	10	6:55	23:02:18.2	-0:53:48	600	90	2.0	#122 Halo Star	4	
0085.hss103	1140	6:56	23:04:31.8	0:24:45	600	90	2.0	#122 Halo Star	4	
0086.COMP	10	7:16	23:04:31.8	0:24:45	600	90	2.0	#122 Halo Star	4	
0087.hss104	960	7:19	23:06:00.0	0:49:41	600	90	2.0	#122 Halo Star	4	
0088.COMP	10	7:35	23:06:00.0	0:49:41	600	90	2.0	#122 Halo Star	4	
0089.hss105	1080	7:36	23:06:27.7	-0:14:39	600	90	2.0	#122 Halo Star	4	
0090.COMP	10	7:55	23:06:27.7	-0:14:39	600	90	2.0	#122 Halo Star	4	
0091.hss106	1200	7:56	23:09:09.7	0:38:11	600	90	2.0	#122 Halo Star	4	
0092.COMP	10	8:16	23:09:09.7	0:38:11	600	90	2.0	#122 Halo Star	4	
0093.hss107	1440	8:17	23:09:27.7	0:15:15	600	90	2.0	#122 Halo Star	4	
0094.COMP	10	8:42	23:09:27.7	0:15:15	600	90	2.0	#122 Halo Star	4	
0095.hss108	840	8:43	23:09:42.8	0:40:12	600	90	2.0	#122 Halo Star	4	
0096.COMP	10	8:58	23:09:42.8	0:40:12	600	90	2.0	#122 Halo Star	4	
0097-0106.FLAT	40	9:06	23:09:42.8	0:40:12	600	90	2.0	#122 Halo Star	4	
0107.sn2003ic	1200	9:15	00:41:50.2	-09:18:19	300	18	3.0	#2 SN Observat	2	row=74, combo setup
0108.COMP	12	9:35	00:41:50.2	-09:18:19	300	18	3.0	#2 SN Observat	2	
0109.FLAT	16	9:37	00:41:50.2	-09:18:19	300	18	3.0	#0 Calibration	2	flat for Emilio
0110.sn2003id	1200	9:43	02:21:35.7	-05:31:51	300	-4	3.0	#2 SN Observat	2	
0111.COMP	12	10:03	02:21:35.7	-05:31:51	300	-4	3.0	#2 SN Observat	2	
0112.sn2003ht	1200	10:11	02:59:55.1	24:13:36	300	-33	3.0	#2 SN Observat	2	row=79

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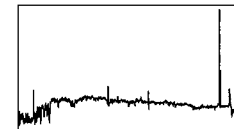
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0113.COMP	12	10:32	02:59:55.1	24:13:36	300	-33	3.0	#2 SN Observat	2	
0114.sn2003hw	1200	10:38	03:01:50.0	35:44:36	300	-8	3.0	#2 SN Observat	2	
0115.COMP	12	10:58	03:01:50.0	35:44:36	300	-8	3.0	#2 SN Observat	2	
0116.012124p09180_c	900	11:06	1:24:8.0	9:33:5	300	50	3.0	#113 Interacti	2	
0117.COMP	12	11:21	1:24:8.0	9:33:5	300	50	3.0	#113 Interacti	2	
0118.012124p09180_a	600	11:23	1:24:47.8	9:32:23	300	90	3.0	#113 Interacti	2	
0119.COMP	12	11:33	1:24:47.8	9:32:23	300	90	3.0	#113 Interacti	2	
0120.013706p05320_a	900	11:35	1:40:9.1	5:43:33	300	110	3.0	#113 Interacti	2	
0121.COMP	12	11:50	1:40:9.1	5:43:33	300	110	3.0	#113 Interacti	2	
0122.sn2003hz	1200	11:55	05:48:07.8	46:15:22	300	56	3.0	#2 SN Observat	2	
0123.COMP	12	12:16	05:48:07.8	46:15:22	300	56	3.0	#2 SN Observat	2	
0124.Hiltner600	35	12:19	06:42:37.2	02:11:25	300	-40	3.0	#56 Spectropho	2	
0125.Hiltner600	35	12:20	06:42:37.2	02:11:25	300	-40	3.0	#56 Spectropho	2	
0126.COMP	12	12:21	06:42:37.2	02:11:25	300	-40	3.0	#56 Spectropho	2	
0127.NGC1700	120	12:25	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	2	
0128.COMP	12	12:27	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	2	
0129-0138.BIAS	0	12:33	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	4	
0139.FLAT	6	12:34	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	4	bad flats....
0140-0148.FLAT	6	12:36	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	4	
0149-0158.FLAT	6	12:45	05:13:12.2	+31:30:17	300	90	3.0	#57 Velocity S	4	

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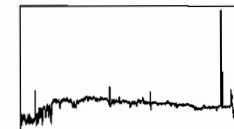
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0159-0166.BIAS	0	12:49	05:17:03.3	+31:30:18	300	90	3.0	#57 Velocity S	2	
0167-0168.BIAS	0	12:49	05:17:33.8	+31:30:19	300	90	3.0	#57 Velocity S	2	
0169.BIAS	0	12:54	05:22:15.0	+31:30:20	300	90	3.0	#57 Velocity S	2	
0170-0179.BIAS	0	12:59	05:26:59.5	+31:30:21	300	90	3.0	#57 Velocity S	2	
0180-0181.FLAT	12	13:02	05:30:20.6	+31:30:22	300	90	3.0	#57 Velocity S	2	
0182-0189.FLAT	12	13:05	05:33:33.6	+31:30:23	300	90	3.0	#57 Velocity S	2	
0190.DARK	900	13:08	05:51:05.5	+31:30:29	300	90	3.0	#57 Velocity S	2	
0191.DARK	900	13:23	06:06:19.9	+31:30:33	300	90	3.0	#57 Velocity S	2	
0192.DARK	900	13:38	06:21:35.1	+31:30:38	300	90	3.0	#57 Velocity S	2	
0193.DARK	900	13:53	06:36:50.2	+31:30:42	300	90	3.0	#57 Velocity S	2	
0194.DARK	900	14:09	06:52:05.0	+31:30:47	300	90	3.0	#57 Velocity S	2	
0195.DARK	900	14:24	07:07:20.6	+31:30:51	300	90	3.0	#57 Velocity S	2	
0196.DARK	900	14:39	07:22:34.8	+31:30:55	300	90	3.0	#57 Velocity S	2	
0197.DARK	900	14:54	07:37:50.6	+31:30:59	300	90	3.0	#57 Velocity S	2	
0198.DARK	900	15:09	07:53:05.4	+31:31:03	300	90	3.0	#57 Velocity S	2	
0199.DARK	900	15:25	08:08:21.7	+31:31:07	300	90	3.0	#57 Velocity S	2	

UT Date 2003-09-20 Observers P BerlindColl. Focus 1060 Grating/Grism 300

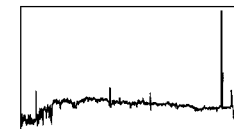
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	1:28	17:58:22.7	+31:30:24	300	90	3.0	#57 Velocity S	4	bad binning
0002-0010.BIAS	0	1:29	17:59:30.4	+31:30:24	300	90	3.0	#57 Velocity S	4	
0011-0013.FLAT	8	1:30	18:00:34.6	+31:30:24	300	90	3.0	#57 Velocity S	4	
0014-0016.FLAT	8	1:31	18:01:34.9	+31:30:23	300	90	3.0	#57 Velocity S	4	
0017.COMP	10	1:32	18:02:21.3	+31:30:23	300	90	3.0	#57 Velocity S	2	
0018.BIAS	0	1:32	18:02:51.5	+31:30:23	300	90	3.0	#57 Velocity S	2	ok, binby2 only for the night
0019-0022.BIAS	0	1:33	18:03:55.3	+31:30:23	300	90	3.0	#57 Velocity S	2	
0023-0030.BIAS	0	1:35	18:05:35.0	+31:30:22	300	90	3.0	#57 Velocity S	2	
0031-0033.FLAT	16	1:36	18:07:12.7	+31:30:22	300	90	3.0	#57 Velocity S	2	
0034-0040.FLAT	16	1:40	18:10:24.8	+31:30:21	300	90	3.0	#57 Velocity S	2	
0041.sky	6	1:42	16:00:00	32:00:00	300	90	3.0	#57 Velocity S	2	2 hours west
0042-0045.sky	6	1:44	16:00:00	32:00:00	300	90	3.0	#57 Velocity S	2	
0046.COMP	10	1:44	16:00:00	32:00:00	300	90	3.0	#57 Velocity S	2	
0047.HD192281	5	2:18	20:10:46.8	40:07:01	300	100	3.0	#56 Spectropho	2	
0048.HD192281	5	2:19	20:10:46.8	40:07:01	300	100	3.0	#56 Spectropho	2	
0049.HD192281	5	2:19	20:10:46.8	40:07:01	300	100	3.0	#56 Spectropho	2	
0050.COMP	10	2:19	20:10:46.8	40:07:01	300	100	3.0	#56 Spectropho	2	
0051.YYHer	10	2:21	18:14:34	20:59:19	300	36	3.0	#12 Symbiotic	2	
0052.YYHer	20	2:22	18:14:34	20:59:19	300	36	3.0	#12 Symbiotic	2	
0053.YYHer	60	2:22	18:14:34	20:59:19	300	36	3.0	#12 Symbiotic	2	

UT Date 2003-09-20 Observers P BerlindColl. Focus 1060 Grating/Grism 300

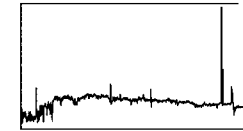
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0054.YYHer	300	2:24	18:14:34	20:59:19	300	36	3.0	#12 Symbiotic	2	
0055.COMP	10	2:30	18:14:34	20:59:19	300	36	3.0	#12 Symbiotic	2	
0056.RSOph	10	2:32	17:50:13	-06:42:30	300	25	3.0	#12 Symbiotic	2	
0057.RSOph	60	2:33	17:50:13	-06:42:30	300	25	3.0	#12 Symbiotic	2	
0058.COMP	10	2:35	17:50:13	-06:42:30	300	25	3.0	#12 Symbiotic	2	
0059.2M18543884m1447321	480	3:06	18:54:38.8	-14:47:32	300	90	3.0	#68 2MASS Reds	2	
0060.COMP	10	3:15	18:54:38.8	-14:47:32	300	90	3.0	#68 2MASS Reds	2	
0061.2M18550019m2227245	480	3:16	18:55:00.1	-22:27:24	300	90	3.0	#68 2MASS Reds	2	
0062.COMP	10	3:24	18:55:00.1	-22:27:24	300	90	3.0	#68 2MASS Reds	2	
0063.2M18521417m2316182	720	3:25	18:52:14.1	-23:16:18	300	90	3.0	#68 2MASS Reds	2	
0064.COMP	10	3:38	18:52:14.1	-23:16:18	300	90	3.0	#68 2MASS Reds	2	
0065.2M18552042m1146309	1200	3:39	18:55:20.4	-11:46:30	300	90	3.0	#68 2MASS Reds	2	
0066.COMP	10	4:01	18:55:20.4	-11:46:30	300	90	3.0	#68 2MASS Reds	2	
0067.2M19001580m1412185	900	4:10	19:00:15.8	-14:12:18	300	90	3.0	#68 2MASS Reds	2	ok, brightest object, row 82
0068.COMP	10	4:26	19:00:15.8	-14:12:18	300	90	3.0	#68 2MASS Reds	2	
0069.2M19021072m0705134	900	4:28	19:02:10.7	-07:05:13	300	90	3.0	#68 2MASS Reds	2	ok, brightest object, row 81
0070.COMP	10	4:43	19:02:10.7	-07:05:13	300	90	3.0	#68 2MASS Reds	2	
0071.2M19112756p2112142	600	4:47	19:11:27.5	+21:12:14	300	90	3.0	#68 2MASS Reds	2	Star
0072.COMP	10	4:57	19:11:27.5	+21:12:14	300	90	3.0	#68 2MASS Reds	2	
0073.2M19152093p2254593	1200	4:58	19:15:20.9	+22:54:59	300	90	3.0	#68 2MASS Reds	2	Star

UT Date 2003-09-20 Observers P BerlindColl. Focus 1060 Grating/Grism 300

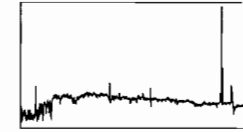
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0074.COMP	10	5:19	19:15:20.9	+22:54:59	300	90	3.0	#68 2MASS Reds	2	
0075.BDp284211	60	5:21	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0076.BDp284211	60	5:22	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0077.BDp284211	60	5:25	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0078.COMP	10	5:26	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0079.Akn564	180	5:29	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0080.Akn564	180	5:33	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0081.COMP	10	5:37	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0082.223336p33410c	1200	5:41	22:35:58.2	33:57:57	300	90	3.0	#113 Interacti	2	
0083.COMP	10	6:02	22:35:58.2	33:57:57	300	90	3.0	#113 Interacti	2	
0084.223336p33410d	720	6:04	22:36:03.2	33:56:56	300	88	3.0	#113 Interacti	2	please also extract the companion to west at row 65
0085.COMP	10	6:16	22:36:03.2	33:56:56	300	88	3.0	#113 Interacti	2	
0086.231906p08420a	1200	6:19	23:21:40.8	08:59:23	300	74	3.0	#113 Interacti	2	amazing spectrum
0087.COMP	10	6:39	23:21:40.8	08:59:23	300	74	3.0	#113 Interacti	2	
0088.N7469	150	6:40	23:03:15.7	+08:52:27	300	6	3.0	#6 AGN Monitor	2	
0089.N7469	150	6:43	23:03:15.7	+08:52:27	300	6	3.0	#6 AGN Monitor	2	
0090.COMP	10	6:46	23:03:15.7	+08:52:27	300	6	3.0	#6 AGN Monitor	2	
0091.234830p19520a	660	6:49	23:51:04.0	20:09:00	300	90	3.0	#113 Interacti	2	
0092.COMP	10	7:00	23:51:04.0	20:09:00	300	90	3.0	#113 Interacti	2	
0093.221030p11110b	1200	7:05	22:12:55.2	11:24:00	300	90	3.0	#113 Interacti	2	

UT Date 2003-09-20 Observers P BerlindColl. Focus 1060 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0094.COMP	10	7:25	22:12:55.2	11:24:00	300	90	3.0	#113 Interacti	2	
0095.221030p11110b	1200	7:26	22:12:55.2	11:24:00	300	90	3.0	#113 Interacti	2	please add to file 93
0096.COMP	10	7:46	22:12:55.2	11:24:00	300	90	3.0	#113 Interacti	2	
0097.2M21345066p6322003	1200	7:49	21:34:50.6	+63:22:00	300	90	3.0	#68 2MASS Reds	2	
0098.COMP	10	8:10	21:34:50.6	+63:22:00	300	90	3.0	#68 2MASS Reds	2	
0099.2M23134574p5212063	1200	8:13	23:13:45.7	+52:12:06	300	90	3.0	#68 2MASS Reds	2	dome runaway, 15-min exp, not 20 as header says
0100.COMP	10	8:30	23:13:45.7	+52:12:06	300	90	3.0	#68 2MASS Reds	2	
0101.ZAnd	2	8:31	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0102.ZAnd	1	8:32	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0103.ZAnd	5	8:33	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0104.ZAnd	30	8:33	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0105.COMP	10	8:35	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0106.MRK335	180	8:38	00:06:19.6	+20:12:11	300	50	3.0	#6 AGN Monitor	2	
0107.MRK335	180	8:41	00:06:19.6	+20:12:11	300	50	3.0	#6 AGN Monitor	2	
0108.COMP	10	8:44	00:06:19.6	+20:12:11	300	50	3.0	#6 AGN Monitor	2	
0109.2M01133912p6904309	1200	8:49	01:13:39.1	+69:04:30	300	90	3.0	#68 2MASS Reds	2	target at row 83, star at row 92
0110.COMP	10	9:09	01:13:39.1	+69:04:30	300	90	3.0	#68 2MASS Reds	2	
0111.2M02061555p6823324	1200	9:13	02:06:15.5	+68:23:32	300	90	3.0	#68 2MASS Reds	2	
0112.COMP	10	9:33	02:06:15.5	+68:23:32	300	90	3.0	#68 2MASS Reds	2	
0113.2M02341102p6700106	1200	9:35	02:34:11.0	+67:00:10	300	90	3.0	#68 2MASS Reds	2	

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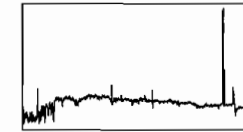
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0114.COMP	10	9:56	02:34:11.0	+67:00:10	300	90	3.0	#68 2MASS Reds	2	
0115.sn2003ht	1200	10:03	02:59:55.1	+24:13:36	300	90	3.0	#2 SN Observat	2	
0116.COMP	10	10:24	02:59:55.1	+24:13:36	300	90	3.0	#2 SN Observat	2	
0117.158m213	330	10:28	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	2	
0118.COMP	10	10:35	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	2	
0119.2M03180649p4751261	900	10:36	03:18:06.4	+47:51:26	300	90	3.0	#68 2MASS Reds	2	
0120.COMP	10	10:52	03:18:06.4	+47:51:26	300	90	3.0	#68 2MASS Reds	2	
0121.2M03541887p4118066	1200	10:53	03:54:18.8	+41:18:06	300	90	3.0	#68 2MASS Reds	2	
0122.COMP	10	11:13	03:54:18.8	+41:18:06	300	90	3.0	#68 2MASS Reds	2	
0123.2M03595969p4023423	540	11:14	03:59:59.6	+40:23:42	300	90	3.0	#68 2MASS Reds	2	
0124.COMP	10	11:24	03:59:59.6	+40:23:42	300	90	3.0	#68 2MASS Reds	2	
0125.2M04072606p4324466	540	11:24	04:07:26.0	+43:24:46	300	90	3.0	#68 2MASS Reds	2	
0126.COMP	10	11:34	04:07:26.0	+43:24:46	300	90	3.0	#68 2MASS Reds	2	
0127.2M04073579p3919305	660	11:35	04:07:35.7	+39:19:30	300	90	3.0	#68 2MASS Reds	2	
0128.COMP	10	11:46	04:07:35.7	+39:19:30	300	90	3.0	#68 2MASS Reds	2	
0129.2M03222930p4103009	360	11:48	03:22:29.3	+41:03:00	300	90	3.0	#68 2MASS Reds	2	nearby bright sup star
0130.COMP	10	11:54	03:22:29.3	+41:03:00	300	90	3.0	#68 2MASS Reds	2	
0131.2M03304407p4201113	360	11:55	03:30:44.0	+42:01:11	300	90	3.0	#68 2MASS Reds	2	
0132.COMP	10	12:02	03:30:44.0	+42:01:11	300	90	3.0	#68 2MASS Reds	2	
0133.2M03344021p3807362	360	12:03	03:34:40.2	+38:07:36	300	100	3.0	#68 2MASS Reds	2	weak

UT Date 2003-09-20 Observers P BerlindColl. Focus 1060 Grating/Grism 300

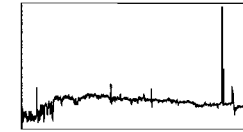
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0134.COMP	10	12:09	03:34:40.2	+38:07:36	300	100	3.0	#68 2MASS Reds	2	
0135-0144.BIAS	0	12:14	03:53:42.4	+37:14:07	300	100	3.0	#113 Interacti	2	
0145-0154.FLAT	16	12:19	03:53:42.4	+37:14:07	300	100	3.0	#113 Interacti	2	
0155-0164.DARK	1200	15:36	03:53:42.4	+37:14:07	300	100	3.0	#113 Interacti	2	

UT Date 2003-09-21 Observers P BerlindColl. Focus 1060 Grating/Grism 300

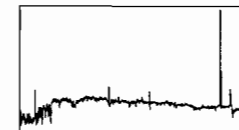
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0007.DARK	1200	0:34	03:53:42.4	+37:14:07	300	100	3.0	#113 Interacti	2	
0008-0020.BIAS	0	1:15	03:53:42.4	+37:14:07	300	100	3.0	#113 Interacti	2	
0021-0030.FLAT	16	1:20	03:53:42.4	+37:14:07	300	100	3.0	#113 Interacti	2	
0031-0035.sky	3	1:37	18:10:00	32:00:00	300	100	3.0	#57 Velocity S	2	
0036.COMP	10	1:37	18:10:00	32:00:00	300	100	3.0	#57 Velocity S	2	
0037.AGDra	2	2:16	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	clear skies, windy
0038.AGDra	15	2:17	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0039.AGDra	45	2:17	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0040.COMP	10	2:19	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0041.TCrB	15	2:21	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0042.TCrB	45	2:22	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0043.COMP	10	2:23	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0044.V443Her	5	2:25	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0045.V443Her	2	2:25	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0046.V443Her	30	2:25	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0047.V443Her	60	2:26	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0048.COMP	10	2:28	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0049.BFCyg	6	2:29	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0050.BFCyg	6	2:30	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0051.BFCyg	15	2:30	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	

UT Date 2003-09-21 Observers P BerlindColl. Focus 1060 Grating/Grism 300

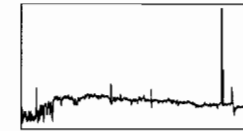
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0052.BFCyg	60	2:32	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0053.BFCyg	180	2:33	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0054.COMP	10	2:37	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0055.CHCyg	1	2:38	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0056.CHCyg	1	2:38	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0057.CHCyg	5	2:39	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0058.COMP	10	2:39	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0059.CICyg	2	2:40	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0060.CICyg	4	2:41	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0061.CICyg	20	2:41	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0062.CICyg	90	2:42	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0063.COMP	10	2:44	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0064.a2199kf_005	1200	2:51	16:35:06.6	40:59:35	300	65	3.0	#64 Cluster In	2	please extract both star at row 82 and gal at row 97
0065.COMP	10	3:12	16:35:06.6	40:59:35	300	65	3.0	#64 Cluster In	2	
0066.DracoC1	1200	3:15	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	2	
0067.COMP	10	3:36	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	2	
0068.HD192281	5	3:38	20:10:46.8	40:07:01	300	0	3.0	#56 Spectropho	2	
0069.HD192281	5	3:38	20:10:46.8	40:07:01	300	0	3.0	#56 Spectropho	2	
0070.HD192281	5	3:38	20:10:46.8	40:07:01	300	0	3.0	#56 Spectropho	2	
0071.COMP	10	3:40	20:10:46.8	40:07:01	300	0	3.0	#56 Spectropho	2	

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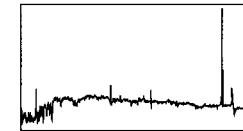
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0072.sn2003hu	120	3:43	19:11:31.4	+77:53:35	300	0	3.0	#2 SN Observat	2	
0073.sn2003hu	1200	3:46	19:11:31.4	+77:53:35	300	0	3.0	#2 SN Observat	2	
0074.COMP	10	4:06	19:11:31.4	+77:53:35	300	0	3.0	#2 SN Observat	2	
0075.MRK509	180	4:09	20:44:09.8	-10:43:24	300	0	3.0	#6 AGN Monitor	2	
0076.MRK509	180	4:12	20:44:09.8	-10:43:24	300	0	3.0	#6 AGN Monitor	2	
0077.COMP	10	4:15	20:44:09.8	-10:43:24	300	0	3.0	#6 AGN Monitor	2	
0078.2M19220595m0144510	900	4:21	19:22:05.9	-01:44:51	300	0	3.0	#68 2MASS Reds	2	
0079.COMP	10	4:37	19:22:05.9	-01:44:51	300	0	3.0	#68 2MASS Reds	2	
0080.2M19585050p4052424	1200	4:40	19:58:50.5	+40:52:42	300	90	3.0	#68 2MASS Reds	2	
0081.COMP	10	5:00	19:58:50.5	+40:52:42	300	90	3.0	#68 2MASS Reds	2	
0082.V1057_Cyg	120	5:02	20:58:53.7	+44:15:28	300	90	3.0	#112 Orion PMS	2	
0083.V1057_Cyg	240	5:04	20:58:53.7	+44:15:28	300	90	3.0	#112 Orion PMS	2	
0084.COMP	10	5:09	20:58:53.7	+44:15:28	300	90	3.0	#112 Orion PMS	2	
0085.V1515_Cyg	120	5:10	20:23:47.6	+42:12:24	300	90	3.0	#112 Orion PMS	2	
0086.V1515_Cyg	300	5:12	20:23:47.6	+42:12:24	300	90	3.0	#112 Orion PMS	2	
0087.COMP	9	5:17	20:23:47.6	+42:12:24	300	90	3.0	#112 Orion PMS	2	
0088.BDp284211	60	5:19	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0089.BDp284211	60	5:20	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0090.BDp284211	60	5:21	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0091.COMP	9	5:23	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	

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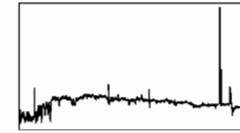
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0092.sn2003hy	1200	5:25	21:54:22.7	+15:09:37	300	10	3.0	#2 SN Observat	2	
0093.COMP	9	5:46	21:54:22.7	+15:09:37	300	10	3.0	#2 SN Observat	2	
0094.2M20084824p4339589	1200	5:49	20:08:48.2	+43:39:58	300	90	3.0	#68 2MASS Reds	2	
0095.COMP	9	6:09	20:08:48.2	+43:39:58	300	90	3.0	#68 2MASS Reds	2	
0096.2M20085388p4338070	1200	6:10	20:08:53.8	+43:38:07	300	90	3.0	#68 2MASS Reds	2	
0097.COMP	9	6:33	20:08:53.8	+43:38:07	300	90	3.0	#68 2MASS Reds	2	
0098.2M20135618p4443093	1200	6:35	20:13:56.1	+44:43:09	300	90	3.0	#68 2MASS Reds	2	
0099.COMP	9	6:56	20:13:56.1	+44:43:09	300	90	3.0	#68 2MASS Reds	2	
0100.2M21543095p4525535	1200	6:58	21:54:30.9	+45:25:53	300	80	3.0	#68 2MASS Reds	2	
0101.COMP	9	7:18	21:54:30.9	+45:25:53	300	80	3.0	#68 2MASS Reds	2	
0102.233112p29460_a	900	7:20	23:33:38.6	30:2:21	300	40	3.0	#113 Interacti	2	
0103.COMP	9	7:35	23:33:38.6	30:2:21	300	40	3.0	#113 Interacti	2	
0104.233112p29460_c	900	7:37	23:33:49.1	30:3:38	300	40	3.0	#113 Interacti	2	
0105.COMP	9	7:52	23:33:49.1	30:3:38	300	40	3.0	#113 Interacti	2	
0106.230954p14210_b	1200	7:54	23:12:15.8	14:36:12	300	40	3.0	#113 Interacti	2	
0107.COMP	9	8:14	23:12:15.8	14:36:12	300	40	3.0	#113 Interacti	2	
0108.sn2003ic	1200	8:17	00:41:50.2	-09:18:19	300	15	3.0	#2 SN Observat	2	
0109.COMP	9	8:37	00:41:50.2	-09:18:19	300	15	3.0	#2 SN Observat	2	
0110.231906p08420_b	1200	8:40	23:21:34.6	8:58:35	300	38	3.0	#113 Interacti	2	
0111.COMP	9	9:01	23:21:34.6	8:58:35	300	38	3.0	#113 Interacti	2	

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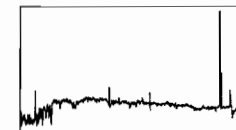
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0112.231906p08420.b	1200	9:01	23:21:34.6	8:58:35	300	38	3.0	#113 Interacti	2	
0113.COMP	9	9:22	23:21:34.6	8:58:35	300	38	3.0	#113 Interacti	2	
0114.2M03344021p3807362	900	9:28	03:34:40.2	+38:07:36	300	3	3.0	#68 2MASS Reds	2	redo from 9/19
0115.COMP	9	9:44	03:34:40.2	+38:07:36	300	3	3.0	#68 2MASS Reds	2	
0116.2M03534246p3714077	480	9:45	03:53:42.4	+37:14:07	300	3	3.0	#68 2MASS Reds	2	
0117.COMP	9	9:53	03:53:42.4	+37:14:07	300	3	3.0	#68 2MASS Reds	2	
0118.2M04092668p3659453	1200	9:55	04:09:26.6	+36:59:45	300	3	3.0	#68 2MASS Reds	2	
0119.COMP	9	10:13	04:09:26.6	+36:59:45	300	3	3.0	#68 2MASS Reds	2	
0120.sn2003hw	1200	10:15	03:01:50.0	+35:44:36	300	3	3.0	#2 SN Observat	2	
0121.COMP	9	10:36	03:01:50.0	+35:44:36	300	3	3.0	#2 SN Observat	2	
0122.sn2003hw	1200	10:37	03:01:50.0	+35:44:36	300	3	3.0	#2 SN Observat	2	
0123.COMP	9	10:57	03:01:50.0	+35:44:36	300	3	3.0	#2 SN Observat	2	
0124.cairnsk_203	240	10:59	04:27:32.8	-12:09:36	300	3	3.0	#64 Cluster In	2	
0125.COMP	9	11:03	04:27:32.8	-12:09:36	300	3	3.0	#64 Cluster In	2	
0126.cairnsk_204	240	11:04	04:28:16.4	-12:09:16	300	3	3.0	#64 Cluster In	2	
0127.COMP	9	11:09	04:28:16.4	-12:09:16	300	3	3.0	#64 Cluster In	2	
0128.cairnsk_205	240	11:10	04:40:11.6	-13:13:41	300	3	3.0	#64 Cluster In	2	
0129.COMP	9	11:15	04:40:11.6	-13:13:41	300	3	3.0	#64 Cluster In	2	
0130.cairnsk_076	420	11:15	4:24:4.3	-13:48:19	300	3	3.0	#64 Cluster In	2	
0131.COMP	9	11:23	4:24:4.3	-13:48:19	300	3	3.0	#64 Cluster In	2	

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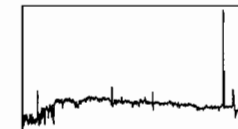
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0132.EGAnd	1	11:26	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0133.EGAnd	5	11:27	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0134.COMP	9	11:27	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0135.163m217	300	11:28	00:40:33.3	+41:11:20	300	90	3.0	#57 Velocity S	2	
0136.COMP	9	11:34	00:40:33.3	+41:11:20	300	90	3.0	#57 Velocity S	2	
0137.AXPer	5	11:35	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0138.AXPer	10	11:35	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0139.AXPer	60	11:36	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0140.AXPer	120	11:37	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0141.COMP	9	11:40	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0142.2M04115279p3447522	480	11:41	04:11:52.7	+34:47:52	300	90	3.0	#68 2MASS Reds	2	
0143.COMP	9	11:50	04:11:52.7	+34:47:52	300	90	3.0	#68 2MASS Reds	2	
0144.2M04170336p3549172	540	11:51	04:17:03.3	+35:49:17	300	90	3.0	#68 2MASS Reds	2	
0145.COMP	9	12:01	04:17:03.3	+35:49:17	300	90	3.0	#68 2MASS Reds	2	
0146.FU_Ori	30	12:02	05:45:22.6	+09:04:12	300	90	3.0	#112 Orion PMS	2	
0147.FU_Ori	15	12:03	05:45:22.6	+09:04:12	300	90	3.0	#112 Orion PMS	2	
0148.FU_Ori	15	12:03	05:45:22.6	+09:04:12	300	90	3.0	#112 Orion PMS	2	
0149.COMP	9	12:04	05:45:22.6	+09:04:12	300	90	3.0	#112 Orion PMS	2	
0150.HZ14	360	12:06	04:38:15.6	10:53:57	300	0	3.0	#56 Spectropho	2	
0151.COMP	9	12:12	04:38:15.6	10:53:57	300	0	3.0	#56 Spectropho	2	

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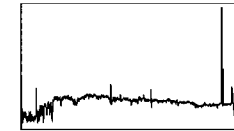
<i>File</i>	<i>ExpT Timart</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0152-0161.BIAS	21	04:38:15.6	10:53:57	300	70	3.0	#113 Interacti	2	
0162-0171.FLAT	126	04:38:15.6	10:53:57	300	90	3.0	#113 Interacti	2	
0172-0181.DARK	12030	04:38:15.6	10:53:57	300	90	3.0	#113 Interacti	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	1:26	04:38:15.6	10:53:57	300	90	3.0	#113 Interacti	2	
0011-0020.FLAT	16	1:31	04:38:15.6	10:53:57	300	90	3.0	#113 Interacti	2	
0021-0025.sky	3	1:35	18:15:00	32:00:00	300	90	3.0	#57 Velocity S	2	
0026.COMP	9	1:36	18:15:00	32:00:00	300	90	3.0	#57 Velocity S	2	engineering for EEF, pointing model etc
0027.FLAT	8	4:22	21:00:53.4	+31:29:36	300	90	3.0	#57 Velocity S	4	test, bad binning
0028.FLAT	16	4:23	21:01:54.0	+31:29:36	300	90	3.0	#57 Velocity S	2	test
0029.COMP	10	4:24	21:03:07.8	+31:29:35	300	90	3.0	#57 Velocity S	2	
0030.FLAT	10	4:26	22:00:00	0:0:0	300	90	3.0	#57 Velocity S	2	
0031.COMP	20	4:31	21:10:00	32:00:00	300	90	3.0	#57 Velocity S	2	
0032.COMP	20	4:33	21:10:00	32:00:00	600	90	2.0	#57 Velocity S	2	
0033-0035.BIAS	0	4:38	21:10:00	32:00:00	600	90	2.0	#57 Velocity S	2	
0036-0045.FLAT	80	4:52	21:10:00	32:00:00	600	90	2.0	#122 Halo Star	2	
0046.BDp284211	60	5:00	21:48:57.1	28:37:48	600	90	2.0	#122 Halo Star	2	600-line, 2-sec, blue
0047.BDp284211	60	5:01	21:48:57.1	28:37:48	600	90	2.0	#122 Halo Star	2	
0048.BDp284211	60	5:02	21:48:57.1	28:37:48	600	90	2.0	#122 Halo Star	2	
0049.BDp284211	60	5:04	21:48:57.1	28:37:48	600	90	2.0	#122 Halo Star	2	
0050.COMP	20	5:05	21:48:57.1	28:37:48	600	90	2.0	#122 Halo Star	2	
0051.hss109	900	5:11	23:10:18.8	0:43:34	600	0	2.0	#122 Halo Star	2	
0052.COMP	20	5:26	23:10:18.8	0:43:34	600	0	2.0	#122 Halo Star	2	
0053.hss110	900	5:28	23:12:18.7	-1:00:13	600	0	2.0	#122 Halo Star	2	

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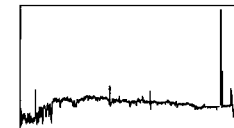
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0054.COMP	20	5:43	23:12:18.7	-1:00:13	600	0	2.0	#122 Halo Star	2	
0055.hss111	1800	5:45	23:13:09.8	-0:23:03	600	0	2.0	#122 Halo Star	2	
0056.COMP	20	6:15	23:13:09.8	-0:23:03	600	0	2.0	#122 Halo Star	2	
0057.hss112	1200	6:16	23:13:13.4	-0:44:15	600	0	2.0	#122 Halo Star	2	
0058.COMP	20	6:37	23:13:13.4	-0:44:15	600	0	2.0	#122 Halo Star	2	
0059.hss113	1560	6:41	23:15:24.1	1:01:16	600	0	2.0	#122 Halo Star	2	
0060.COMP	20	7:07	23:15:24.1	1:01:16	600	0	2.0	#122 Halo Star	2	
0061.hss114	1020	7:08	23:15:37.8	-1:07:28	600	15	2.0	#122 Halo Star	2	
0062.COMP	20	7:26	23:15:37.8	-1:07:28	600	15	2.0	#122 Halo Star	2	
0063.hss115	600	7:27	23:15:54.7	0:45:08	600	25	2.0	#122 Halo Star	2	
0064.COMP	20	7:37	23:15:54.7	0:45:08	600	25	2.0	#122 Halo Star	2	
0065.hss116	900	7:39	23:17:40.5	1:03:40	600	25	2.0	#122 Halo Star	2	
0066.COMP	20	7:54	23:17:40.5	1:03:40	600	25	2.0	#122 Halo Star	2	
0067.hss121	780	7:56	23:27:46.8	1:09:31	600	25	2.0	#122 Halo Star	2	
0068.COMP	20	8:09	23:27:46.8	1:09:31	600	25	2.0	#122 Halo Star	2	
0069.hss122	1200	8:12	23:31:03.7	1:03:38	600	35	2.0	#122 Halo Star	2	
0070.COMP	20	8:32	23:31:03.7	1:03:38	600	35	2.0	#122 Halo Star	2	
0071.hss123	900	8:33	23:32:17.8	-0:04:24	600	35	2.0	#122 Halo Star	2	
0072.COMP	20	8:49	23:32:17.8	-0:04:24	600	35	2.0	#122 Halo Star	2	
0073.hss124	1200	8:50	23:38:58.9	-0:57:40	600	35	2.0	#122 Halo Star	2	



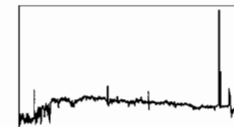
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Coll. Focus 1080 Grating/Grism 300

File	Exp Time	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0074.COMP	20	23:38:58.9	-0:57:40	600	35	2.0	#122 Halo Star	2	
0075.hss185	1800	1:43:31.6	-0:38:50	600	10	2.0	#122 Halo Star	2	
0076.COMP	20	1:43:31.6	-0:38:50	600	10	2.0	#122 Halo Star	2	
0077.hss186	1080	1:47:39.7	0:46:42	600	10	2.0	#122 Halo Star	2	
0078.COMP	20	1:47:39.7	0:46:42	600	10	2.0	#122 Halo Star	2	
0079.hss184	780	1:41:52.3	-0:53:27	600	25	2.0	#122 Halo Star	2	
0080.COMP	20	1:41:52.3	-0:53:27	600	25	2.0	#122 Halo Star	2	
0081.hss188	840	1:48:17.8	0:26:18	600	25	2.0	#122 Halo Star	2	
0082.COMP	20	1:48:17.8	0:26:18	600	25	2.0	#122 Halo Star	2	
0083.BIAS	0	3:15:00	32:00:00	300	25	3.0	#122 Halo Star	2	
0084.COMP	10	3:15:00	32:00:00	300	25	3.0	#122 Halo Star	2	300-line, 3-sec, combo
0085.snngc1302	1200	03:19:52.5	-26:03:50	300	5	3.0	#2 SN Observat	2	
0086.COMP	10	03:19:52.5	-26:03:50	300	5	3.0	#2 SN Observat	2	
0087.snugc2295	1200	02:48:58.2	+03:10:07	300	27	3.0	#2 SN Observat	2	
0088.COMP	10	02:48:58.2	+03:10:07	300	27	3.0	#2 SN Observat	2	
0089.cairnsk4_005	180	3:6:6.5	42:21:56	300	90	3.0	#64 Cluster In	2	
0090.COMP	10	3:6:6.5	42:21:56	300	90	3.0	#64 Cluster In	2	
0091.cairnsk4_007	180	3:22:21.3	40:0:35	300	90	3.0	#64 Cluster In	2	
0092.COMP	10	3:22:21.3	40:0:35	300	90	3.0	#64 Cluster In	2	
0093.cairnsk4_008	210	3:23:53.3	41:23:50	300	70	3.0	#64 Cluster In	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0094.COMP	10	11:43	3:23:53.3	41:23:50	300	70	3.0	#64 Cluster In	2	
0095.cairnsk4_010	330	11:44	3:16:48.8	44:15:46	300	70	3.0	#64 Cluster In	2	
0096.COMP	10	11:50	3:16:48.8	44:15:46	300	70	3.0	#64 Cluster In	2	
0097.cairnsk4_012	330	11:52	2:45:22	39:24:32	300	90	3.0	#64 Cluster In	2	
0098.COMP	10	11:58	2:45:22	39:24:32	300	90	3.0	#64 Cluster In	2	
0099.cairnsk4_014	240	11:59	3:13:3.8	34:58:26	300	90	3.0	#64 Cluster In	2	
0100.COMP	10	12:03	3:13:3.8	34:58:26	300	90	3.0	#64 Cluster In	2	
0101.NGC1700	180	12:05	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	2	
0102.COMP	10	12:08	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	2	
0103-0112.BIAS	0	12:29	04:56:58.1	-04:52:23	300	90	3.0	#2 SN Observat	2	
0113-0122.FLAT	16	12:34	04:56:58.1	-04:52:23	300	90	3.0	#2 SN Observat	2	
0123.test	32	12:35	04:56:58.1	-04:52:23	300	90	3.0	#2 SN Observat	1	
0124.test	16	12:37	04:56:58.1	-04:52:23	300	90	3.0	#2 SN Observat	2	
0125.test	8	12:38	04:56:58.1	-04:52:23	300	90	3.0	#2 SN Observat	4	

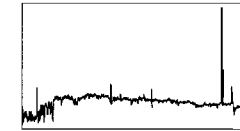
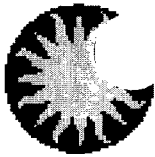
UT Date 2003-09-26 Observers M CalkinsColl. Focus 1080 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	2:44	19:53:17.9	+31:29:51	300	90	3.0	#2 SN Observat	2	
0002.DARK	900	2:59	20:08:33.0	+31:29:47	300	90	3.0	#2 SN Observat	2	
0003-0012.BIAS	0	3:16	20:10:47.3	+31:29:47	300	90	3.0	#2 SN Observat	2	
0013-0022.FLAT	12	3:21	20:15:29.1	+31:29:46	300	90	3.0	#2 SN Observat	2	
0023.BDp284211	70	3:27	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	wait out clouds...
0024.BDp284211	70	3:28	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0025.COMP	12	3:30	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0026.BDp284211	60	3:31	21:48:57.1	28:37:48	300	104	3.0	#56 Spectropho	2	
0027.BDp284211	60	3:32	21:48:57.1	28:37:48	300	104	3.0	#56 Spectropho	2	
0028.COMP	12	3:34	21:48:57.1	28:37:48	300	104	3.0	#56 Spectropho	2	
0029.3C390.3	300	3:38	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0030.3C390.3	300	3:44	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0031.3C390.3	300	3:49	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0032.COMP	12	3:54	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0033.MRK509	300	3:57	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0034.MRK509	300	4:02	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0035.COMP	12	4:08	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0036.Akn564	180	4:10	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0037.Akn564	180	4:13	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0038.COMP	12	4:16	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	

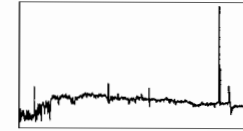
UT Date 2003-09-26 Observers M CalkinsColl. Focus 1080 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0039.N7469	120	4:18	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0040.N7469	120	4:21	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0041.COMP	12	4:24	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0042.2M20525943p5311105	1020	4:29	20:52:59.4	+53:11:10	300	90	3.0	#68 2MASS Reds	2	
0043.COMP	12	4:46	20:52:59.4	+53:11:10	300	90	3.0	#68 2MASS Reds	2	
0044.2M20591430p5838107	1200	4:48	20:59:14.3	+58:38:10	300	90	3.0	#68 2MASS Reds	2	
0045.COMP	12	5:09	20:59:14.3	+58:38:10	300	90	3.0	#68 2MASS Reds	2	
0046.2M21362763p5936230	1200	5:11	21:36:27.6	+59:36:23	300	90	3.0	#68 2MASS Reds	2	row=75
0047.COMP	12	5:32	21:36:27.6	+59:36:23	300	90	3.0	#68 2MASS Reds	2	
0048.2M21375000p5929172	1200	5:34	21:37:50.0	+59:29:17	300	90	3.0	#68 2MASS Reds	2	row=77
0049.COMP	12	5:54	21:37:50.0	+59:29:17	300	90	3.0	#68 2MASS Reds	2	
0050.2M21362763p5936230	1200	6:00	21:36:27.6	+59:36:23	300	90	3.0	#68 2MASS Reds	2	row=76
0051.COMP	12	6:20	21:36:27.6	+59:36:23	300	90	3.0	#68 2MASS Reds	2	
0052.2M21375000p5929172	1200	6:22	21:37:50.0	+59:29:17	300	90	3.0	#68 2MASS Reds	2	not enough
0053.COMP	12	6:42	21:37:50.0	+59:29:17	300	90	3.0	#68 2MASS Reds	2	
0054.2M21460605p4508310	1020	6:46	21:46:06.0	+45:08:31	300	20	3.0	#68 2MASS Reds	2	row=78
0055.COMP	12	7:03	21:46:06.0	+45:08:31	300	20	3.0	#68 2MASS Reds	2	
0056.2M21510146p4657059	240	7:05	21:51:01.4	+46:57:05	300	90	3.0	#68 2MASS Reds	2	
0057.COMP	12	7:09	21:51:01.4	+46:57:05	300	90	3.0	#68 2MASS Reds	2	
0058.2M21511805p7113201	1200	7:11	21:51:18.0	+71:13:20	300	90	3.0	#68 2MASS Reds	2	row=74

S2 - estimated + forced velocity - chose peak & x c.s.w.
gave it a year, but v. shaky vel

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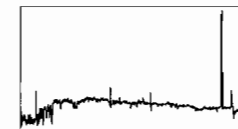
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0059.COMP	12	7:32	21:51:18.0	+71:13:20	300	90	3.0	#68 2MASS Reds	2	
0060.2M21543095p4525535	420	7:34	21:54:30.9	+45:25:53	300	60	3.0	#68 2MASS Reds	2	row=76
0061.COMP	12	7:42	21:54:30.9	+45:25:53	300	60	3.0	#68 2MASS Reds	2	
0062.2M21570253p6626098	480	7:44	21:57:02.5	+66:26:09	300	90	3.0	#68 2MASS Reds	2	
0063.COMP	12	7:53	21:57:02.5	+66:26:09	300	90	3.0	#68 2MASS Reds	2	
0064.2M21573428p6427117	720	7:54	21:57:34.2	+64:27:11	300	90	3.0	#68 2MASS Reds	2	
0065.COMP	12	8:07	21:57:34.2	+64:27:11	300	90	3.0	#68 2MASS Reds	2	
0066.2M21591931p4419594	300	8:10	21:59:19.3	+44:19:59	300	90	3.0	#68 2MASS Reds	2	
0067.COMP	12	8:16	21:59:19.3	+44:19:59	300	90	3.0	#68 2MASS Reds	2	
0068.M31	60	8:17	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0069.COMP	12	8:19	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0070.MRK335	120	8:20	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0071.MRK335	120	8:23	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0072.COMP	12	8:25	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0073.sn2003ii	1200	8:32	02:33:04.8	35:30:29	300	60	3.0	#2 SN Observat	2	row=76
0074.COMP	12	8:53	02:33:04.8	35:30:29	300	60	3.0	#2 SN Observat	2	
0075.sn2003ii	1200	8:56	02:33:04.8	35:30:29	300	0	3.0	#2 SN Observat	2	
0076.COMP	12	9:16	02:33:04.8	35:30:29	300	0	3.0	#2 SN Observat	2	
0077.013706p05320.c	600	9:22	1:40:9.1	5:43:33	300	110	3.0	#113 Interacti	2	
0078.COMP	12	9:33	1:40:9.1	5:43:33	300	110	3.0	#113 Interacti	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0079.025754p44460.a	660	9:35	3:1:13.3	44:57:19	300	90	3.0	#113 Interacti	2	
0080.COMP	12	9:47	3:1:13.3	44:57:19	300	90	3.0	#113 Interacti	2	
0081.025754p44460.b	540	9:54	3:1:14.0	44:53:50	300	30	3.0	#113 Interacti	2	
0082.COMP	12	10:04	3:1:14.0	44:53:50	300	30	3.0	#113 Interacti	2	
0083.002018p06330.b	1620	10:09	0:22:53.5	6:49:38	300	90	3.0	#113 Interacti	2	
0084.COMP	12	10:37	0:22:53.5	6:49:38	300	90	3.0	#113 Interacti	2	
0085.FineFoc	60	10:44	03:59:43.1	31:21:34	300	90	3.0	#113 Interacti	1	
0086.BIAS	0	10:49	03:59:43.1	31:21:34	300	90	3.0	#113 Interacti	2	
0087.010436p10350.b	1500	10:52	1:7:11.8	10:50:6	300	90	3.0	#113 Interacti	2	
0088.COMP	12	11:18	1:7:11.8	10:50:6	300	90	3.0	#113 Interacti	2	
0089.011648p14360.c	1800	11:21	1:19:44.8	14:52:14	300	90	3.0	#113 Interacti	2	
0090.COMP	12	11:52	1:19:44.8	14:52:14	300	90	3.0	#113 Interacti	2	
0091.032212p40210.e	900	11:55	3:29:23.8	39:47:33	300	90	3.0	#113 Interacti	2	
0092.COMP	12	12:10	3:29:23.8	39:47:33	300	90	3.0	#113 Interacti	2	
0093.Akn120	300	12:13	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0094.Akn120	300	12:18	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0095.COMP	12	12:23	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0096.Hiltner600	30	12:25	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0097.Hiltner600	30	12:26	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0098.COMP	12	12:27	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	

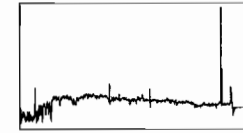
UT Date 2003-09-26 Observers M CalkinsColl. Focus 1080 Grating/Grism 300

<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>
0099.HD52071	1	12:30	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0100.COMP	12	12:30	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0101-0105.sky	2	13:02	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0106.COMP	12	13:03	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0107-0116.BIAS	0	13:06	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0117-0126.FLAT	12	13:11	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0127-0136.DARK	900	15:30	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	

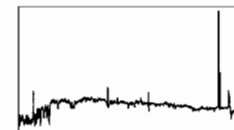
UT Date 2003-09-27 Observers M CalkinsColl. Focus 1080 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	22:40	15:52:51.3	+31:31:01	300	90	3.0	#57 Velocity S	2	
0002.DARK	900	22:55	16:08:06.3	+31:30:57	300	90	3.0	#57 Velocity S	2	
0003.DARK	900	23:11	16:23:21.2	+31:30:53	300	90	3.0	#57 Velocity S	2	
0004.DARK	900	23:26	16:38:36.4	+31:30:49	300	90	3.0	#57 Velocity S	2	
0005.DARK	900	23:41	16:53:52.1	+31:30:44	300	90	3.0	#57 Velocity S	2	
0006.DARK	900	23:56	17:09:07.6	+31:30:40	300	90	3.0	#57 Velocity S	2	
0007.DARK	900	0:12	17:24:22.4	+31:30:35	300	90	3.0	#57 Velocity S	2	
0008.DARK	900	0:27	17:39:37.9	+31:30:30	300	90	3.0	#57 Velocity S	2	
0009.DARK	900	0:42	17:54:53.2	+31:30:26	300	90	3.0	#57 Velocity S	2	
0010.DARK	900	0:57	18:10:08.9	+31:30:21	300	90	3.0	#57 Velocity S	2	
0011-0015.BIAS	0	1:20	18:18:14.8	+31:30:19	300	90	3.0	#57 Velocity S	2	
0016-0020.BIAS	0	1:21	18:19:22.4	+31:30:18	300	90	3.0	#57 Velocity S	2	
0021-0024.FLAT	12	1:23	18:21:09.3	+31:30:18	300	90	3.0	#57 Velocity S	2	
0025-0030.FLAT	12	1:25	18:23:38.0	+31:30:17	300	90	3.0	#57 Velocity S	2	
0031-0035.sky	2	1:29	18:27:02.0	+31:30:16	300	90	3.0	#57 Velocity S	2	
0036.COMP	12	1:29	18:27:40.8	+31:30:16	300	90	3.0	#57 Velocity S	2	
0037.BDp332642	30	2:02	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0038.BDp332642	30	2:03	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0039.COMP	12	2:04	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0040.BDp332642	30	2:05	15:50:03	33:05:49	300	78	3.0	#56 Spectropho	2	

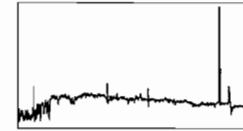
dark current ~ 3 - subtracted

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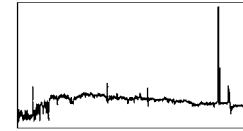
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0041.BDp332642	30	2:06	15:50:03	33:05:49	300	78	3.0	#56 Spectropho	2	
0042.COMP	12	2:07	15:50:03	33:05:49	300	78	3.0	#56 Spectropho	2	
0043.TCrB	15	2:11	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0044.TCrB	60	2:12	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0045.TCrB	7	2:13	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0046.COMP	12	2:14	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0047.AGDra	2	2:16	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0048.AGDra	15	2:16	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0049.AGDra	45	2:17	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0050.COMP	12	2:18	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0051.DracoC1	1200	2:19	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	2	
0052.COMP	12	2:39	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	2	
0053.RSOph	10	2:42	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0054.RSOph	60	2:42	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0055.RSOph	150	2:43	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0056.COMP	12	2:46	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0057.YYHer	10	2:48	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0058.YYHer	60	2:49	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0059.COMP	12	2:50	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0060.V443Her	5	2:51	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	

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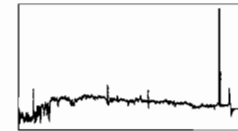
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0061.V443Her	40	2:51	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0062.V443Her	75	2:52	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0063.V443Her	3	2:54	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0064.COMP	12	2:54	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0065.BFCyg	1	2:56	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0066.BFCyg	60	2:57	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0067.BFCyg	15	2:58	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0068.COMP	12	2:59	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0069.CHCyg	1	3:00	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0070.CHCyg	5	3:01	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0071.CHCyg	0	3:01	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0072.CHCyg	30	3:01	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	saturated
0073.CHCyg	0	3:02	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0074.COMP	12	3:03	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0075.CICyg	2	3:04	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0076.CICyg	15	3:05	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0077.CICyg	60	3:05	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0078.COMP	12	3:07	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0079.ZAnd	2	3:09	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0080.ZAnd	5	3:09	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	

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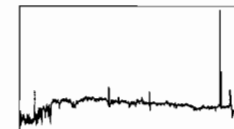
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0081.ZAnd	15	3:10	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0082.ZAnd	1	3:10	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0083.COMP	12	3:11	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0084.sn2003hu	1200	3:16	19:11:31.4	+77:53:35	300	-18	3.0	#2 SN Observat	2	
0085.COMP	12	3:37	19:11:31.4	+77:53:35	300	-18	3.0	#2 SN Observat	2	
0086.sn2003hy	1200	4:02	21:54:22.7	+15:09:37	300	-42	3.0	#2 SN Observat	2	
0087.COMP	12	4:23	21:54:22.7	+15:09:37	300	-42	3.0	#2 SN Observat	2	ccd problems....
0088.BDp284211	60	6:02	21:48:57.1	28:37:48	600	90	2.0	#122 Halo Star	2	600L, 2arcsec, tilt=430
0089.COMP	20	6:04	21:48:57.1	28:37:48	600	90	2.0	#122 Halo Star	2	
0090.hss117	1800	6:06	23:18:47.8	-0:57:34	600	90	2.0	#122 Halo Star	2	
0091.COMP	20	6:36	23:18:47.8	-0:57:34	600	90	2.0	#122 Halo Star	2	
0092.hss118	1020	6:38	23:21:11.8	-1:14:43	600	90	2.0	#122 Halo Star	2	
0093.COMP	20	6:55	23:21:11.8	-1:14:43	600	90	2.0	#122 Halo Star	2	
0094.hss119	1620	6:56	23:23:42.7	-0:29:33	600	90	2.0	#122 Halo Star	2	
0095.COMP	20	7:24	23:23:42.7	-0:29:33	600	90	2.0	#122 Halo Star	2	
0096.hss120	1320	7:25	23:26:07.4	-0:35:09	600	90	2.0	#122 Halo Star	2	
0097.COMP	20	7:47	23:26:07.4	-0:35:09	600	90	2.0	#122 Halo Star	2	
0098.hss125	780	7:49	23:43:20.6	0:35:26	600	90	2.0	#122 Halo Star	2	
0099.COMP	20	8:02	23:43:20.6	0:35:26	600	90	2.0	#122 Halo Star	2	
0100.hss126	1080	8:03	23:44:18.9	-0:26:51	600	90	2.0	#122 Halo Star	2	

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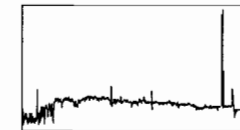
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0101.COMP	20	8:22	23:44:18.9	-0:26:51	600	90	2.0	#122 Halo Star	2	
0102-0111.FLAT	80	8:37	23:44:18.9	-0:26:51	600	90	2.0	#122 Halo Star	2	
0112.sn2003ic	1200	8:53	00:41:50.2	-09:18:19	300	20	3.0	#2 SN Observat	2	row=75, combo setup...
0113.COMP	12	9:14	00:41:50.2	-09:18:19	300	20	3.0	#2 SN Observat	2	
0114.011948p08470.b	1800	9:20	1:22:25.3	9:3:34	300	90	3.0	#113 Interacti	2	
0115.COMP	12	9:50	1:22:25.3	9:3:34	300	90	3.0	#113 Interacti	2	
0116.011948p08470.e	1320	9:51	1:22:57.5	9:7:14	300	90	3.0	#113 Interacti	2	
0117.COMP	12	10:14	1:22:57.5	9:7:14	300	90	3.0	#113 Interacti	2	
0118.EGAnd	0	10:20	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0119.EGAnd	1	10:21	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0120.EGAnd	5	10:21	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0121.EGAnd	10	10:21	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0122.COMP	12	10:22	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0123.AXPer	2	10:24	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0124.AXPer	10	10:24	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0125.AXPer	40	10:25	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0126.AXPer	90	10:27	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0127.COMP	12	10:29	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0128.2M04083970p3713465	780	10:32	04:08:39.7	+37:13:46	300	90	3.0	#68 2MASS Reds	2	row=74
0129.COMP	12	10:45	04:08:39.7	+37:13:46	300	90	3.0	#68 2MASS Reds	2	

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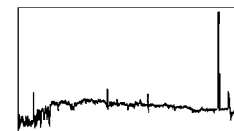
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0130.2M04141845p6512392	1200	10:47	04:14:18.4	+65:12:39	300	90	3.0	#68 2MASS Reds	2	
0131.COMP	12	11:08	04:14:18.4	+65:12:39	300	90	3.0	#68 2MASS Reds	2	
0132.2M04151703p2837038	1200	11:10	04:15:17.0	+28:37:03	300	90	3.0	#68 2MASS Reds	2	row=73
0133.COMP	12	11:31	04:15:17.0	+28:37:03	300	90	3.0	#68 2MASS Reds	2	
0134.2M04153413p6500531	1200	11:34	04:15:34.1	+65:00:53	300	110	3.0	#68 2MASS Reds	2	Halpha, row=75
0135.COMP	12	11:55	04:15:34.1	+65:00:53	300	110	3.0	#68 2MASS Reds	2	
0136.2M04155257p2839259	540	11:57	04:15:52.5	+28:39:25	300	90	3.0	#68 2MASS Reds	2	
0137.COMP	12	12:07	04:15:52.5	+28:39:25	300	90	3.0	#68 2MASS Reds	2	
0138.2M04193008p3559091	240	12:08	04:19:30.0	+35:59:09	300	90	3.0	#68 2MASS Reds	2	
0139.COMP	12	12:12	04:19:30.0	+35:59:09	300	90	3.0	#68 2MASS Reds	2	
0140.2M04201468p6604558	270	12:14	04:20:14.6	+66:04:55	300	90	3.0	#68 2MASS Reds	2	
0141.COMP	12	12:19	04:20:14.6	+66:04:55	300	90	3.0	#68 2MASS Reds	2	
0142.Hiltner600	30	12:22	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0143.Hiltner600	30	12:22	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0144.COMP	12	12:23	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0145.Hiltner600	30	12:25	06:42:37.2	02:11:25	300	-31	3.0	#56 Spectropho	2	
0146.Hiltner600	30	12:26	06:42:37.2	02:11:25	300	-31	3.0	#56 Spectropho	2	
0147.COMP	12	12:27	06:42:37.2	02:11:25	300	-31	3.0	#56 Spectropho	2	
0148-0157.BIAS	0	12:31	06:42:37.2	02:11:25	300	90	3.0	#113 Interacti	2	
0158-0167.FLAT	12	12:37	06:42:37.2	02:11:25	300	90	3.0	#113 Interacti	2	

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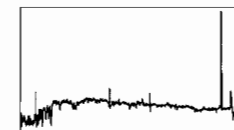
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0168-0177.DARK	900	14:54	06:42:37.2	02:11:25	300	90	3.0	#113 Interacti	2	

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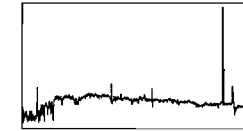
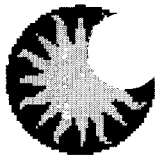
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	1:33	06:42:37.2	02:11:25	300	90	3.0	#113 Interacti	2	
0011-0020.BIAS	0	1:50	06:42:37.2	02:11:25	300	90	3.0	#113 Interacti	2	
0021-0030.FLAT	12	1:54	06:42:37.2	02:11:25	300	90	3.0	#113 Interacti	2	
0031.BDp332642	45	2:01	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0032.BDp332642	45	2:02	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0033.COMP	12	2:03	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0034.BDp332642	80	2:04	15:50:03	33:05:49	300	78	3.0	#56 Spectropho	2	
0035.BDp332642	80	2:05	15:50:03	33:05:49	300	78	3.0	#56 Spectropho	2	
0036.COMP	12	2:07	15:50:03	33:05:49	300	78	3.0	#56 Spectropho	2	
0037.sn2003ia	1200	2:14	16:17:41.1	35:00:07	300	83	3.0	#2 SN Observat	2	
0038.COMP	12	2:34	16:17:41.1	35:00:07	300	83	3.0	#2 SN Observat	2	
0039.sn2003hu	1200	2:41	19:11:31.4	+77:53:35	300	-9	3.0	#2 SN Observat	2	
0040.COMP	12	3:02	19:11:31.4	+77:53:35	300	-9	3.0	#2 SN Observat	2	
0041.MRK509	300	3:16	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0042.MRK509	300	3:21	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0043.COMP	12	3:27	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0044.Akn564	180	3:29	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0045.Akn564	180	3:32	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0046.COMP	12	3:35	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0047.N7469	120	3:37	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	

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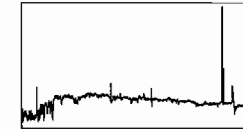
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0048.N7469	120	3:39	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0049.N7469	120	3:41	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0050.COMP	12	3:44	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0051.2M19162849m1935315	240	3:46	19:16:28.4	-19:35:31	300	90	3.0	#68 2MASS Reds	2	row=74
0052.COMP	12	3:51	19:16:28.4	-19:35:31	300	90	3.0	#68 2MASS Reds	2	
0053.2M19214197m2446491	240	3:52	19:21:41.9	-24:46:49	300	90	3.0	#68 2MASS Reds	2	
0054.COMP	12	3:56	19:21:41.9	-24:46:49	300	90	3.0	#68 2MASS Reds	2	
0055.2M19220595m0144510	480	3:58	19:22:05.9	-01:44:51	300	90	3.0	#68 2MASS Reds	2	
0056.COMP	12	4:07	19:22:05.9	-01:44:51	300	90	3.0	#68 2MASS Reds	2	
0057.2M19241998m2559062	180	4:08	19:24:19.9	-25:59:06	300	90	3.0	#68 2MASS Reds	2	row=72
0058.COMP	12	4:12	19:24:19.9	-25:59:06	300	90	3.0	#68 2MASS Reds	2	
0059.2M19244095p0225142	180	4:14	19:24:40.9	+02:25:14	300	90	3.0	#68 2MASS Reds	2	row=74
0060.COMP	12	4:18	19:24:40.9	+02:25:14	300	90	3.0	#68 2MASS Reds	2	
0061.2M19251770m2853463	180	4:19	19:25:17.7	-28:53:46	300	90	3.0	#68 2MASS Reds	2	
0062.COMP	12	4:23	19:25:17.7	-28:53:46	300	90	3.0	#68 2MASS Reds	2	
0063.2M19283909m0538579	240	4:25	19:28:39.0	-05:38:57	300	90	3.0	#68 2MASS Reds	2	row=75
0064.COMP	12	4:30	19:28:39.0	-05:38:57	300	90	3.0	#68 2MASS Reds	2	
0065.2M19291787m2055248	240	4:31	19:29:17.8	-20:55:24	300	90	3.0	#68 2MASS Reds	2	row=73
0066.COMP	12	4:36	19:29:17.8	-20:55:24	300	90	3.0	#68 2MASS Reds	2	
0067.2M19362008m0543364	240	4:38	19:36:20.0	-05:43:36	300	90	3.0	#68 2MASS Reds	2	

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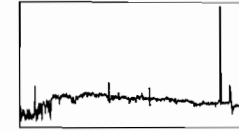
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0068.COMP	12	4:42	19:36:20.0	-05:43:36	300	90	3.0	#68 2MASS Reds	2	
0069.2M19373911p0239410	300	4:44	19:37:39.1	+02:39:41	300	90	3.0	#68 2MASS Reds	2	
0070.COMP	12	4:49	19:37:39.1	+02:39:41	300	90	3.0	#68 2MASS Reds	2	
0071.2M19385407m1857529	240	4:51	19:38:54.0	-18:57:52	300	90	3.0	#68 2MASS Reds	2	
0072.COMP	12	4:56	19:38:54.0	-18:57:52	300	90	3.0	#68 2MASS Reds	2	
0073.2M19392360p0200362	420	4:57	19:39:23.6	+02:00:36	300	90	3.0	#68 2MASS Reds	2	row=74
0074.COMP	12	5:05	19:39:23.6	+02:00:36	300	90	3.0	#68 2MASS Reds	2	
0075.2M19502529m1045590	660	5:07	19:50:25.2	-10:45:59	300	90	3.0	#68 2MASS Reds	2	
0076.COMP	12	5:19	19:50:25.2	-10:45:59	300	90	3.0	#68 2MASS Reds	2	
0077.2M19585050p4052424	900	5:22	19:58:50.5	+40:52:42	300	105	3.0	#68 2MASS Reds	2	row=73
0078.COMP	12	5:37	19:58:50.5	+40:52:42	300	105	3.0	#68 2MASS Reds	2	
0079.2M20022818p4934006	300	5:39	20:02:28.1	+49:34:00	300	90	3.0	#68 2MASS Reds	2	row=71
0080.COMP	12	5:45	20:02:28.1	+49:34:00	300	90	3.0	#68 2MASS Reds	2	
0081.2M20084824p4339589	1200	5:46	20:08:48.2	+43:39:58	300	90	3.0	#68 2MASS Reds	2	row=73
0082.COMP	12	6:06	20:08:48.2	+43:39:58	300	90	3.0	#68 2MASS Reds	2	
0083.2M20085388p4338070	1020	6:08	20:08:53.8	+43:38:07	300	95	3.0	#68 2MASS Reds	2	row=73
0084.COMP	12	6:26	20:08:53.8	+43:38:07	300	95	3.0	#68 2MASS Reds	2	
0085.2M20105438p4701439	840	6:28	20:10:54.3	+47:01:43	300	90	3.0	#68 2MASS Reds	2	
0086.COMP	12	6:42	20:10:54.3	+47:01:43	300	90	3.0	#68 2MASS Reds	2	
0087.sn2003ic	1200	6:48	00:41:50.2	-09:18:19	300	-17	3.0	#2 SN Observat	2	row=75

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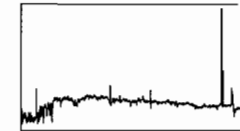
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0088.COMP	12	7:08	00:41:50.2	-09:18:19	300	-17	3.0	#2 SN Observat	2	
0089.BDp284211	70	7:15	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0090.BDp284211	70	7:16	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0091.COMP	12	7:18	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0092.BDp284211	40	7:18	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0093.BDp284211	40	7:19	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0094.COMP	12	7:20	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0095.BDp284211	50	7:28	21:48:57.1	28:37:48	600	90	2.0	#122 Halo Star	2	600L, 2arcsec, tilt=430
0096.BDp284211	50	7:29	21:48:57.1	28:37:48	600	90	2.0	#122 Halo Star	2	
0097.COMP	20	7:30	21:48:57.1	28:37:48	600	90	2.0	#122 Halo Star	2	
0098.hss127	900	7:35	23:45:14.7	0:40:40	600	90	2.0	#122 Halo Star	2	
0099.COMP	20	7:50	23:45:14.7	0:40:40	600	90	2.0	#122 Halo Star	2	
0100.hss128	840	7:51	23:51:55.4	-0:32:11	600	90	2.0	#122 Halo Star	2	
0101.COMP	20	8:06	23:51:55.4	-0:32:11	600	90	2.0	#122 Halo Star	2	
0102.hss129	780	8:07	23:52:38.2	0:37:45	600	90	2.0	#122 Halo Star	2	
0103.COMP	20	8:21	23:52:38.2	0:37:45	600	90	2.0	#122 Halo Star	2	
0104.hss130	840	8:22	23:54:08.6	0:46:32	600	90	2.0	#122 Halo Star	2	
0105.COMP	20	8:36	23:54:08.6	0:46:32	600	90	2.0	#122 Halo Star	2	
0106.hss131	1620	8:38	23:55:41.8	-0:26:30	600	90	2.0	#122 Halo Star	2	
0107.COMP	20	9:05	23:55:41.8	-0:26:30	600	90	2.0	#122 Halo Star	2	

UT Date 2003-09-28 Observers M CalkinsColl. Focus 1080 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0108.hss132	780	9:07	0:00:54.8	0:46:22	600	90	2.0	#122 Halo Star	2	
0109.COMP	20	9:20	0:00:54.8	0:46:22	600	90	2.0	#122 Halo Star	2	
0110.hss133	1080	9:21	0:04:00.1	-0:11:51	600	90	2.0	#122 Halo Star	2	
0111.COMP	20	9:40	0:04:00.1	-0:11:51	600	90	2.0	#122 Halo Star	2	
0112.hss134	900	9:41	0:04:10.2	0:33:00	600	90	2.0	#122 Halo Star	2	
0113.COMP	20	9:57	0:04:10.2	0:33:00	600	90	2.0	#122 Halo Star	2	
0114.hss135	840	9:58	0:06:34.3	0:33:11	600	90	2.0	#122 Halo Star	2	
0115.COMP	20	10:13	0:06:34.3	0:33:11	600	90	2.0	#122 Halo Star	2	
0116-0125.FLAT	80	10:28	0:06:34.3	0:33:11	600	90	2.0	#122 Halo Star	2	
0126.012400p17000.b	1800	10:36	1:26:30.7	17:13:50	300	30	3.0	#113 Interacti	2	combo setup
0127.COMP	12	11:06	1:26:30.7	17:13:50	300	30	3.0	#113 Interacti	2	
0128.014400p34320.w	1800	11:12	1:51:17.5	34:50:55	300	-3	3.0	#113 Interacti	2	
0129.COMP	12	11:42	1:51:17.5	34:50:55	300	-3	3.0	#113 Interacti	2	
0130.015624p18430.c	1200	11:46	1:58:58.5	18:57:40	300	90	3.0	#113 Interacti	2	
0131.COMP	12	12:06	1:58:58.5	18:57:40	300	90	3.0	#113 Interacti	2	
0132.BGGem	300	12:08	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0133.COMP	12	12:14	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0134.BGGem	780	12:14	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0135.COMP	12	12:28	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0136.Hiltner600	40	12:29	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	

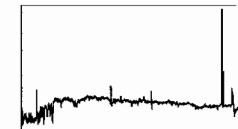
UT Date 2003-09-28 Observers M CalkinsColl. Focus 1080 Grating/Grism 300

<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>Bir</i>	<i>Comments</i>
0137.Hiltner600	40	12:30	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0138.COMP	12	12:31	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0139-0148.BIAS	0	12:41	04:56:58.1	-04:52:23	300	90	3.0	#113 Interacti	2	
0149-0158.FLAT	12	12:45	04:56:58.1	-04:52:23	300	90	3.0	#113 Interacti	2	
0159-0168.DARK	900	15:03	04:56:58.1	-04:52:23	300	90	3.0	#113 Interacti	2	

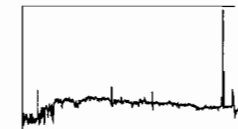
UT Date 2003-09-29 Observers P BerlindColl. Focus 1080 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	1:20	18:26:03.5	+31:30:16	300	90	3.0	#113 Interacti	4	
0002.COMP	5	1:21	18:26:37.1	+31:30:16	300	90	3.0	#113 Interacti	4	
0003.FLAT	8	1:21	18:27:27.6	+31:30:15	300	90	3.0	#113 Interacti	4	
0004.FLAT	16	1:23	18:28:44.3	+31:30:15	300	90	3.0	#113 Interacti	2	
0005.BIAS	0	1:23	18:29:10.2	+31:30:15	300	90	3.0	#113 Interacti	2	
0006.FLAT	4	1:24	18:30:13.8	+31:30:15	300	90	3.0	#113 Interacti	2	
0007.FLAT	4	1:25	18:30:51.7	+31:30:14	300	90	3.0	#113 Interacti	1	
0008.FLAT	16	1:27	18:33:03.7	+31:30:14	300	90	3.0	#113 Interacti	2	
0009.BIAS	0	1:28	18:33:33.7	+31:30:14	300	90	3.0	#113 Interacti	2	
0010.BIAS	4	1:28	18:34:24.7	+31:30:13	300	90	3.0	#113 Interacti	2	
0011.BIAS	0	1:29	18:35:03.2	+31:30:13	300	90	3.0	#113 Interacti	2	
0012.BIAS	4	1:29	18:35:20.2	+31:30:13	300	90	3.0	#113 Interacti	2	
0013.BIAS	0	1:30	18:35:45.5	+31:30:13	300	90	3.0	#113 Interacti	2	
0014.BIAS	0	1:30	18:36:02.3	+31:30:13	300	90	3.0	#113 Interacti	4	
0015.unnamed	1	1:32	18:37:59.9	+31:30:12	0	90	90.0	none	2	
0016-0017.BIAS	0	1:34	18:39:41.9	+31:30:12	300	90	3.0	#113 Interacti	2	
0018.BIAS	1	1:34	18:40:19.7	+31:30:12	300	90	3.0	#113 Interacti	2	
0019.BIAS	1	1:47	18:52:31.5	+31:30:08	300	90	3.0	#113 Interacti	2	
0020.FLAT	16	1:47	18:53:23.2	+31:30:08	300	90	3.0	#113 Interacti	2	
0021.FLAT	1	1:53	18:59:08.2	+31:30:06	300	90	3.0	#113 Interacti	2	

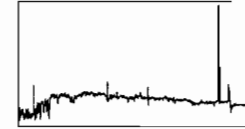
NO DARKS TAKEN FOR THIS NIGHT
 + DARK COUNT IS SLIGHTLY ELEVATED

UT Date 2003-09-29 Observers P BerlindColl. Focus 1080 Grating/Grism 300

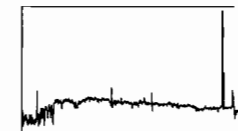
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0022.FLAT	1	1:53	18:59:20.9	+31:30:06	300	90	3.0	#113 Interacti	1	
0023.FLAT	1	1:54	19:00:03.9	+31:30:06	300	90	3.0	#113 Interacti	2	
0024.FLAT	1	1:55	19:01:02.8	+31:30:05	300	90	3.0	#113 Interacti	2	
0025.FLAT	16	1:55	19:01:32.7	+31:30:05	300	90	3.0	#113 Interacti	2	
0026.FLAT	2	1:57	19:02:45.1	+31:30:05	300	90	3.0	#113 Interacti	2	
0027.FLAT	16	1:57	19:03:23.6	+31:30:05	300	90	3.0	#113 Interacti	2	
0028.COMP	10	1:58	19:03:57.5	+31:30:05	300	90	3.0	#113 Interacti	2	
0029-0030.BIAS	0	2:06	19:12:19.5	+31:30:02	300	90	3.0	#113 Interacti	2	
0031.BIAS	0	2:07	19:12:32.6	+31:30:02	300	90	3.0	#113 Interacti	2	fill dewars, fix cables, work on ln2 system
0032-0040.BIAS	0	2:08	19:14:27.7	+31:30:02	300	90	3.0	#113 Interacti	2	
0041-0046.FLAT	16	2:11	19:17:35.2	+31:30:01	300	90	3.0	#113 Interacti	2	
0047-0050.FLAT	16	2:13	19:19:30.1	+31:30:00	300	90	3.0	#113 Interacti	2	
0051.202512p10350_b	1200	2:24	20:27:36.5	10:45:36	300	90	3.0	#113 Interacti	2	a few clouds
0052.COMP	10	2:45	20:27:36.5	10:45:36	300	90	3.0	#113 Interacti	2	
0053.201742p15140_b	300	2:47	20:19:58.7	15:23:14	300	90	3.0	#113 Interacti	2	
0054.COMP	10	2:52	20:19:58.7	15:23:14	300	90	3.0	#113 Interacti	2	
0055.213142p21360_b	1200	2:54	21:33:45.5	21:50:8	300	10	3.0	#113 Interacti	2	
0056.COMP	10	3:16	21:33:45.5	21:50:8	300	10	3.0	#113 Interacti	2	
0057.220512p08400_b	1200	3:24	22:7:47.0	8:53:27	300	-32	3.0	#113 Interacti	2	add to file 59
0058.COMP	10	3:45	22:7:47.0	8:53:27	300	-32	3.0	#113 Interacti	2	

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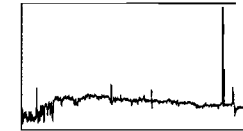
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0059.220512p08400.b	1200	3:46	22:7:47.0	8:53:27	300	-32	3.0	#113 Interacti	2	
0060.COMP	10	4:07	22:7:47.0	8:53:27	300	-32	3.0	#113 Interacti	2	
0061.223730p10460.c	1200	4:09	22:39:53.5	11:8:0	300	-48	3.0	#113 Interacti	2	
0062.COMP	10	4:30	22:39:53.5	11:8:0	300	-48	3.0	#113 Interacti	2	
0063.223730p10460.b	720	4:33	22:39:35.3	11:5:0	300	90	3.0	#113 Interacti	2	
0064.COMP	10	4:46	22:39:35.3	11:5:0	300	90	3.0	#113 Interacti	2	
0065.BDp284211	60	4:47	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0066.BDp284211	60	4:48	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0067.BDp284211	60	4:49	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0068.COMP	10	4:51	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0069.sn2003hy	1200	4:55	21:54:22.7	+15:09:37	300	20	3.0	#2 SN Observat	2	
0070.COMP	10	5:15	21:54:22.7	+15:09:37	300	20	3.0	#2 SN Observat	2	
0071.233412p17150.b	1200	5:19	23:36:42.9	17:27:1	300	3	3.0	#113 Interacti	2	add to file 73
0072.COMP	10	5:40	23:36:42.9	17:27:1	300	3	3.0	#113 Interacti	2	
0073.233412p17150.b	1200	5:40	23:36:42.9	17:27:1	300	3	3.0	#113 Interacti	2	
0074.COMP	10	6:01	23:36:42.9	17:27:1	300	3	3.0	#113 Interacti	2	
0075.234830p19520.b	1200	6:03	23:51:15.9	20:10:2	300	3	3.0	#113 Interacti	2	add to file 55
0076.COMP	10	6:24	23:51:15.9	20:10:2	300	3	3.0	#113 Interacti	2	
0077.234830p19520.b	1200	6:24	23:51:15.9	20:10:2	300	3	3.0	#113 Interacti	2	
0078.COMP	10	6:45	23:51:15.9	20:10:2	300	3	3.0	#113 Interacti	2	

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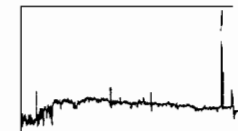
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0079.cairnss_148	300	6:48	0:56:16.1	-1:15:19	300	90	3.0	#64 Cluster In	2	
0080.COMP	10	6:53	0:56:16.1	-1:15:19	300	90	3.0	#64 Cluster In	2	
0081.cairnss_149	180	6:54	0:57:2	-0:52:30	300	90	3.0	#64 Cluster In	2	
0082.COMP	10	6:57	0:57:2	-0:52:30	300	90	3.0	#64 Cluster In	2	
0083.cairnss_150	180	6:58	0:57:34.9	-1:23:27	300	90	3.0	#64 Cluster In	2	
0084.COMP	10	7:01	0:57:34.9	-1:23:27	300	90	3.0	#64 Cluster In	2	
0085.cairnss_151	180	7:02	0:55:18.8	-1:16:37	300	90	3.0	#64 Cluster In	2	
0086.COMP	10	7:05	0:55:18.8	-1:16:37	300	90	3.0	#64 Cluster In	2	
0087.cairnss_152	180	7:06	0:55:54.5	-0:55:13	300	90	3.0	#64 Cluster In	2	
0088.COMP	10	7:09	0:55:54.5	-0:55:13	300	90	3.0	#64 Cluster In	2	
0089.cairnss_153	180	7:10	0:57:27.6	-0:28:17	300	90	3.0	#64 Cluster In	2	
0090.COMP	10	7:13	0:57:27.6	-0:28:17	300	90	3.0	#64 Cluster In	2	
0091.cairnss_154	240	7:14	0:55:8.9	-1:2:47	300	90	3.0	#64 Cluster In	2	
0092.COMP	10	7:18	0:55:8.9	-1:2:47	300	90	3.0	#64 Cluster In	2	
0093.cairnss_155	180	7:19	0:56:2.7	-1:20:3	300	90	3.0	#64 Cluster In	2	
0094.COMP	10	7:22	0:56:2.7	-1:20:3	300	90	3.0	#64 Cluster In	2	
0095.cairnss_156	180	7:23	0:55:55.6	-1:14:49	300	90	3.0	#64 Cluster In	2	
0096.COMP	10	7:26	0:55:55.6	-1:14:49	300	90	3.0	#64 Cluster In	2	
0097.cairnss_157	240	7:27	0:56:10.6	-1:7:0	300	90	3.0	#64 Cluster In	2	
0098.COMP	10	7:32	0:56:10.6	-1:7:0	300	90	3.0	#64 Cluster In	2	

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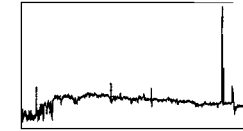
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0099.cairnss_158	240	7:32	0:56:51.5	-1:16:20	300	90	3.0	#64 Cluster In	2	
0100.COMP	10	7:37	0:56:51.5	-1:16:20	300	90	3.0	#64 Cluster In	2	
0101.cairnss_159	240	7:37	0:56:20.9	-1:10:35	300	90	3.0	#64 Cluster In	2	
0102.COMP	10	7:42	0:56:20.9	-1:10:35	300	90	3.0	#64 Cluster In	2	
0103.cairnss_160	240	7:42	0:57:16.9	-0:40:10	300	90	3.0	#64 Cluster In	2	
0104.COMP	10	7:47	0:57:16.9	-0:40:10	300	90	3.0	#64 Cluster In	2	
0105.cairnss_161	240	7:47	0:56:25.9	-1:16:29	300	90	3.0	#64 Cluster In	2	
0106.COMP	10	7:52	0:56:25.9	-1:16:29	300	90	3.0	#64 Cluster In	2	
0107.cairnss_162	300	7:52	0:55:13.6	-1:4:33	300	90	3.0	#64 Cluster In	2	
0108.COMP	10	7:58	0:55:13.6	-1:4:33	300	90	3.0	#64 Cluster In	2	
0109.sn2003ic	1200	8:00	00:41:50.2	-09:18:19	300	20	3.0	#2 SN Observat	2	
0110.COMP	10	8:21	00:41:50.2	-09:18:19	300	20	3.0	#2 SN Observat	2	
0111.cairnsk4_013	360	8:26	2:59:59.6	45:9:13	300	100	3.0	#64 Cluster In	2	
0112.COMP	10	8:33	2:59:59.6	45:9:13	300	100	3.0	#64 Cluster In	2	
0113.cairnsk4_011	600	8:34	3:31:48.2	38:57:26	300	90	3.0	#64 Cluster In	2	
0114.COMP	10	8:44	3:31:48.2	38:57:26	300	90	3.0	#64 Cluster In	2	
0115.cairnsk4_015	300	8:45	3:12:28.2	41:10:7	300	90	3.0	#64 Cluster In	2	
0116.COMP	10	8:50	3:12:28.2	41:10:7	300	90	3.0	#64 Cluster In	2	
0117.cairnsk4_016	300	8:51	3:32:47.5	38:23:30	300	90	3.0	#64 Cluster In	2	
0118.COMP	10	8:57	3:32:47.5	38:23:30	300	90	3.0	#64 Cluster In	2	

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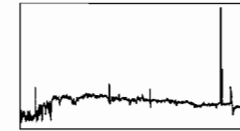
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0119.cairnsk4_019	600	8:57	3:10:45.1	44:11:40	300	90	3.0	#64 Cluster In	2	
0120.COMP	10	9:08	3:10:45.1	44:11:40	300	90	3.0	#64 Cluster In	2	
0121.cairnsk4_020	330	9:09	3:6:20.1	42:15:0	300	90	3.0	#64 Cluster In	2	
0122.COMP	10	9:14	3:6:20.1	42:15:0	300	90	3.0	#64 Cluster In	2	
0123.cairnsk4_018	300	9:15	2:55:2.3	41:36:23	300	90	3.0	#64 Cluster In	2	
0124.COMP	10	9:21	2:55:2.3	41:36:23	300	90	3.0	#64 Cluster In	2	
0125.cairnsk4_017	330	9:21	3:46:1	42:1:5	300	90	3.0	#64 Cluster In	2	
0126.COMP	10	9:28	3:46:1	42:1:5	300	90	3.0	#64 Cluster In	2	
0127.cairnsk4_021	360	9:28	3:11:21.3	42:13:57	300	90	3.0	#64 Cluster In	2	fainter star just to west of gal
0128.COMP	10	9:35	3:11:21.3	42:13:57	300	90	3.0	#64 Cluster In	2	
0129.cairnsk4_022	900	9:36	3:30:9.1	42:57:11	300	90	3.0	#64 Cluster In	2	
0130.COMP	10	9:51	3:30:9.1	42:57:11	300	90	3.0	#64 Cluster In	2	
0131.cairnsk4_023	300	9:52	3:31:55.1	39:27:22	300	90	3.0	#64 Cluster In	2	
0132.COMP	10	9:58	3:31:55.1	39:27:22	300	90	3.0	#64 Cluster In	2	
0133.cairnsk4_024	300	9:59	2:48:1.3	39:39:50	300	90	3.0	#64 Cluster In	2	
0134.COMP	10	10:05	2:48:1.3	39:39:50	300	90	3.0	#64 Cluster In	2	
0135.cairnsk4_025	180	10:05	2:50:24.3	44:25:34	300	90	3.0	#64 Cluster In	2	
0136.COMP	10	10:09	2:50:24.3	44:25:34	300	90	3.0	#64 Cluster In	2	
0137.cairnsk4_028	180	10:10	2:53:28.6	36:26:17	300	90	3.0	#64 Cluster In	2	
0138.COMP	10	10:13	2:53:28.6	36:26:17	300	90	3.0	#64 Cluster In	2	

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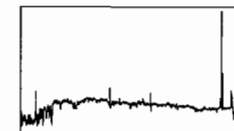
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0139.cairnsk4_026	600	10:14	3:12:19.4	35:24:16	300	90	3.0	#64 Cluster In	2	
0140.COMP	10	10:24	3:12:19.4	35:24:16	300	90	3.0	#64 Cluster In	2	
0141.cairnsk4_027	300	10:25	3:23:26.9	41:24:23	300	90	3.0	#64 Cluster In	2	
0142.COMP	10	10:30	3:23:26.9	41:24:23	300	90	3.0	#64 Cluster In	2	
0143.cairnsk4_029	330	10:31	3:30:44	42:1:11	300	90	3.0	#64 Cluster In	2	
0144.COMP	10	10:39	3:30:44	42:1:11	300	90	3.0	#64 Cluster In	2	
0145.cairnsk4_030	240	10:40	3:15:47	40:45:26	300	90	3.0	#64 Cluster In	2	
0146.COMP	10	10:44	3:15:47	40:45:26	300	90	3.0	#64 Cluster In	2	
0147.cairnsk4_031	300	10:45	3:28:53.7	40:2:10	300	90	3.0	#64 Cluster In	2	
0148.COMP	10	10:50	3:28:53.7	40:2:10	300	90	3.0	#64 Cluster In	2	
0149.cairnsk4_032	240	10:51	3:38:59.9	39:19:39	300	90	3.0	#64 Cluster In	2	
0150.COMP	10	10:55	3:38:59.9	39:19:39	300	90	3.0	#64 Cluster In	2	
0151.cairnsk4_033	360	10:56	3:22:29.3	41:3:0	300	90	3.0	#64 Cluster In	2	
0152.COMP	10	11:03	3:22:29.3	41:3:0	300	90	3.0	#64 Cluster In	2	
0153.cairnsk4_034	180	11:04	2:39:52.2	42:55:51	300	90	3.0	#64 Cluster In	2	
0154.COMP	10	11:07	2:39:52.2	42:55:51	300	90	3.0	#64 Cluster In	2	
0155.cairnsk4_035	480	11:08	3:4:49.7	41:26:10	300	90	3.0	#64 Cluster In	2	
0156.COMP	10	11:16	3:4:49.7	41:26:10	300	90	3.0	#64 Cluster In	2	
0157.cairnsk4_036	600	11:18	3:9:12.6	47:19:51	300	90	3.0	#64 Cluster In	2	
0158.COMP	10	11:28	3:9:12.6	47:19:51	300	90	3.0	#64 Cluster In	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0159.cairnsk4_038	240	11:29	2:36:51.2	41:20:21	300	90	3.0	#64 Cluster In	2	
0160.COMP	10	11:33	2:36:51.2	41:20:21	300	90	3.0	#64 Cluster In	2	
0161.cairnsk4_037	330	11:35	3:24:12.7	34:29:29	300	90	3.0	#64 Cluster In	2	
0162.COMP	10	11:40	3:24:12.7	34:29:29	300	90	3.0	#64 Cluster In	2	
0163.cairnsk4_039	540	11:41	3:18:6.4	47:51:26	300	90	3.0	#64 Cluster In	2	
0164.COMP	10	11:51	3:18:6.4	47:51:26	300	90	3.0	#64 Cluster In	2	
0165.cairnsk4_040	360	11:51	3:35:17.6	44:1:16	300	90	3.0	#64 Cluster In	2	
0166.COMP	10	11:58	3:35:17.6	44:1:16	300	90	3.0	#64 Cluster In	2	
0167.cairnsk4_057	180	11:59	3:40:28.4	40:3:47	300	90	3.0	#64 Cluster In	2	
0168.COMP	10	12:02	3:40:28.4	40:3:47	300	90	3.0	#64 Cluster In	2	
0169.cairnsk4_058	330	12:03	3:43:44.1	42:9:4	300	90	3.0	#64 Cluster In	2	
0170.COMP	10	12:09	3:43:44.1	42:9:4	300	90	3.0	#64 Cluster In	2	
0171.HD52071	2	12:10	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0172.HD52071	2	12:11	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0173.HD52071	2	12:11	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0174.COMP	10	12:11	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0175-0184.BIAS	0	12:15	06:57:51	+27:13:42	300	90	3.0	#113 Interacti	2	
0185-0194.FLAT	16	12:20	06:57:51	+27:13:42	300	90	3.0	#113 Interacti	2	

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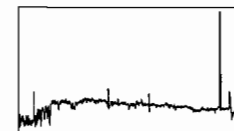
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0003.BIAS	0	20:13	13:21:48.1	+31:31:32	300	90	3.0	#113 Interacti	4	
0004.BIAS	1	20:14	13:22:47.8	+31:31:32	300	90	3.0	#113 Interacti	4	
0005.BIAS	0	20:15	13:23:31.0	+31:31:32	300	90	3.0	#113 Interacti	2	
0006-0008.BIAS	0	20:26	13:34:47.2	+31:31:31	300	90	3.0	#113 Interacti	2	
0009-0010.BIAS	0	20:26	13:35:21.3	+31:31:31	300	90	3.0	#113 Interacti	3	
0011.BIAS	0	20:27	13:35:38.2	+31:31:31	300	90	3.0	#113 Interacti	1	
0012.BIAS	0	20:27	13:36:16.2	+31:31:30	300	90	3.0	#113 Interacti	4	
0013.COMP	5	21:29	14:38:08.6	+31:31:20	300	90	3.0	#113 Interacti	4	
0014.FLAT	16	21:30	14:39:42.8	+31:31:19	300	90	3.0	#113 Interacti	2	
0015.BIAS	0	21:31	14:40:33.4	+31:31:19	300	90	3.0	#113 Interacti	2	
0016.COMP	5	21:34	14:43:32.6	+31:31:18	300	90	3.0	#113 Interacti	4	
0017.COMP	5	21:35	14:44:39.8	+31:31:18	300	90	3.0	#113 Interacti	2	
0018.FLAT	16	21:37	14:46:48.0	+31:31:18	300	90	3.0	#113 Interacti	2	
0019-0020.FLAT	2	21:39	14:47:52.0	+31:31:18	300	90	3.0	#113 Interacti	2	
0021.FLAT	16	21:39	14:48:42.9	+31:31:17	300	90	3.0	#113 Interacti	2	
0022.FLAT	2	21:40	14:49:29.6	+31:31:17	300	90	3.0	#113 Interacti	2	
0023-0024.FLAT	16	21:43	14:52:28.3	+31:31:17	300	90	3.0	#113 Interacti	2	
0025.FLAT	16	21:44	14:53:36.4	+31:31:16	300	90	3.0	#113 Interacti	2	
0026-0027.FLAT	8	21:46	14:55:39.9	+31:31:16	300	90	3.0	#113 Interacti	1	
0028.FLAT	2	21:47	14:56:17.9	+31:31:16	300	90	3.0	#113 Interacti	2	

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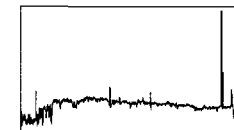
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0029.FLAT	13	22:09	15:18:33.4	+31:31:10	300	90	3.0	#113 Interacti	2	
0030.BIAS	0	22:31	15:40:42.1	+31:31:05	300	90	3.0	#113 Interacti	4	
0031.BIAS	0	22:33	15:42:07.3	+31:31:04	300	90	3.0	#113 Interacti	4	
0032.BIAS	0	22:33	15:42:24.0	+31:31:04	300	90	3.0	#113 Interacti	2	
0033-0035.BIAS	0	22:44	15:53:12.5	+31:31:02	300	90	3.0	#113 Interacti	2	
0036.FLAT	2	22:50	15:59:52.4	+31:31:00	300	90	3.0	#113 Interacti	2	
0037.FLAT	16	22:51	16:00:35.3	+31:31:00	300	90	3.0	#113 Interacti	2	
0038.FLAT	10	23:03	16:12:35.1	+31:30:56	300	90	3.0	#113 Interacti	1	
0039.FLAT	8	23:04	16:13:22.3	+31:30:56	300	90	3.0	#113 Interacti	2	
0040.FLAT	16	23:04	16:14:04.3	+31:30:56	300	90	3.0	#113 Interacti	2	
0041.DARK	1200	23:05	16:34:26.9	+31:30:50	300	90	3.0	#113 Interacti	2	
0042.DARK	1200	23:25	16:54:40.8	+31:30:44	300	90	3.0	#113 Interacti	2	
0043.DARK	1200	23:45	17:14:57.9	+31:30:38	300	90	3.0	#113 Interacti	2	
0044.DARK	1200	0:06	17:35:12.0	+31:30:32	300	90	3.0	#113 Interacti	2	
0045.DARK	1200	0:26	17:55:28.9	+31:30:25	300	90	3.0	#113 Interacti	2	
0046-0049.BIAS	0	0:48	17:57:58.2	+31:30:25	300	90	3.0	#113 Interacti	2	
0050-0060.BIAS	0	0:51	18:00:27.2	+31:30:24	300	90	3.0	#113 Interacti	2	
0061.FLAT	16	0:51	18:01:26.7	+31:30:23	300	90	3.0	#113 Interacti	2	not used
0062-0067.FLAT	16	0:54	18:04:17.1	+31:30:23	300	90	3.0	#113 Interacti	2	
0068-0070.FLAT	16	0:56	18:05:42.4	+31:30:22	300	90	3.0	#113 Interacti	2	

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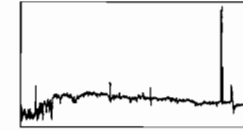
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0071.HD192281	5	1:49	20:10:46.8	40:07:01	300	65	5.0	#56 Spectropho	2	with old corrector lens
0072.HD192281	5	1:50	20:10:46.8	40:07:01	300	65	5.0	#56 Spectropho	2	
0073.HD192281	5	1:50	20:10:46.8	40:07:01	300	65	5.0	#56 Spectropho	2	
0074.HD192281	5	1:50	20:10:46.8	40:07:01	300	65	5.0	#56 Spectropho	2	
0075.HD192281	5	1:51	20:10:46.8	40:07:01	300	65	5.0	#56 Spectropho	2	
0076.HD192281	5	1:51	20:10:46.8	40:07:01	300	65	5.0	#56 Spectropho	2	
0077.HD192281	5	1:51	20:10:46.8	40:07:01	300	65	5.0	#56 Spectropho	2	
0078.HD192281	5	1:51	20:10:46.8	40:07:01	300	65	5.0	#56 Spectropho	2	
0079.HD192281	5	1:52	20:10:46.8	40:07:01	300	65	5.0	#56 Spectropho	2	
0080.HD192281	5	1:52	20:10:46.8	40:07:01	300	65	5.0	#56 Spectropho	2	
0081.COMP	5	1:52	20:10:46.8	40:07:01	300	65	5.0	#56 Spectropho	2	
0082.BDp284211	60	1:55	21:48:57.1	28:37:48	300	110	5.0	#56 Spectropho	2	
0083.BDp284211	60	1:56	21:48:57.1	28:37:48	300	110	5.0	#56 Spectropho	2	
0084.BDp284211	60	1:57	21:48:57.1	28:37:48	300	110	5.0	#56 Spectropho	2	
0085.BDp284211	60	1:58	21:48:57.1	28:37:48	300	110	5.0	#56 Spectropho	2	
0086.BDp284211	60	2:00	21:48:57.1	28:37:48	300	110	5.0	#56 Spectropho	2	
0087.COMP	5	2:01	21:48:57.1	28:37:48	300	110	5.0	#56 Spectropho	2	
0088.BDp284211	60	2:19	21:48:57.1	28:37:48	300	110	5.0	#56 Spectropho	2	with new corrector lens
0089.BDp284211	60	2:20	21:48:57.1	28:37:48	300	110	5.0	#56 Spectropho	2	
0090.BDp284211	60	2:21	21:48:57.1	28:37:48	300	110	5.0	#56 Spectropho	2	

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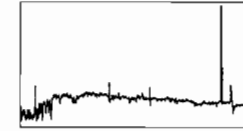
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0091.BDp284211	60	2:22	21:48:57.1	28:37:48	300	110	5.0	#56 Spectropho	2	
0092.BDp284211	60	2:24	21:48:57.1	28:37:48	300	110	5.0	#56 Spectropho	2	
0093.COMP	5	2:25	21:48:57.1	28:37:48	300	110	5.0	#56 Spectropho	2	
0094.HD192281	5	2:26	20:10:46.8	40:07:01	300	43	5.0	#56 Spectropho	2	
0095.HD192281	5	2:27	20:10:46.8	40:07:01	300	43	5.0	#56 Spectropho	2	
0096.HD192281	5	2:27	20:10:46.8	40:07:01	300	43	5.0	#56 Spectropho	2	
0097.HD192281	5	2:27	20:10:46.8	40:07:01	300	43	5.0	#56 Spectropho	2	
0098.HD192281	5	2:28	20:10:46.8	40:07:01	300	43	5.0	#56 Spectropho	2	
0099.HD192281	5	2:28	20:10:46.8	40:07:01	300	43	5.0	#56 Spectropho	2	
0100.HD192281	5	2:28	20:10:46.8	40:07:01	300	43	5.0	#56 Spectropho	2	
0101.HD192281	5	2:28	20:10:46.8	40:07:01	300	43	5.0	#56 Spectropho	2	
0102.HD192281	5	2:29	20:10:46.8	40:07:01	300	43	5.0	#56 Spectropho	2	
0103.HD192281	5	2:29	20:10:46.8	40:07:01	300	43	5.0	#56 Spectropho	2	
0104.COMP	5	2:30	20:10:46.8	40:07:01	300	43	5.0	#56 Spectropho	2	
0105.FLAT	10	2:32	19:45:00	32:00:00	300	90	5.0	#113 Interacti	2	5-sec flats
0106-0114.FLAT	10	2:35	19:45:00	32:00:00	300	90	5.0	#113 Interacti	2	
0115.BIAS	0	2:36	19:45:00	32:00:00	300	90	5.0	#113 Interacti	2	
0116.FLAT	16	2:37	19:45:00	32:00:00	300	90	3.0	#113 Interacti	2	combo
0117-0125.FLAT	16	2:41	19:45:00	32:00:00	300	90	3.0	#113 Interacti	2	
0126.HD192281	5	2:44	20:10:46.8	40:07:01	300	25	3.0	#56 Spectropho	2	

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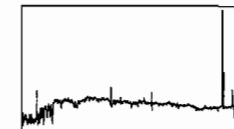
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0127.HD192281	5	2:45	20:10:46.8	40:07:01	300	25	3.0	#56 Spectropho	2	
0128.HD192281	5	2:46	20:10:46.8	40:07:01	300	25	3.0	#56 Spectropho	2	
0129.COMP	10	2:46	20:10:46.8	40:07:01	300	25	3.0	#56 Spectropho	2	
0130.RSOph	10	2:48	17:50:13	-06:42:30	300	39	3.0	#12 Symbiotic	2	
0131.RSOph	60	2:49	17:50:13	-06:42:30	300	39	3.0	#12 Symbiotic	2	
0132.RSOph	90	2:50	17:50:13	-06:42:30	300	39	3.0	#12 Symbiotic	2	
0133.COMP	10	2:52	17:50:13	-06:42:30	300	39	3.0	#12 Symbiotic	2	
0134.YYHer	10	2:54	18:14:34	20:59:19	300	62	3.0	#12 Symbiotic	2	
0135.YYHer	30	2:54	18:14:34	20:59:19	300	62	3.0	#12 Symbiotic	2	
0136.YYHer	90	2:55	18:14:34	20:59:19	300	62	3.0	#12 Symbiotic	2	
0137.YYHer	210	2:57	18:14:34	20:59:19	300	62	3.0	#12 Symbiotic	2	
0138.COMP	10	3:01	18:14:34	20:59:19	300	62	3.0	#12 Symbiotic	2	
0139.sn2003ia	1200	3:07	16:17:41.1	35:00:07	300	76	3.0	#2 SN Observat	2	clear, windy
0140.COMP	10	3:27	16:17:41.1	35:00:07	300	76	3.0	#2 SN Observat	2	
0141.sn2003hu	1200	3:33	19:11:31.4	+77:53:35	300	-29	3.0	#2 SN Observat	2	
0142.COMP	10	3:53	19:11:31.4	+77:53:35	300	-29	3.0	#2 SN Observat	2	
0143.2M20135618p4443093	1200	3:57	20:13:56.1	+44:43:09	300	90	3.0	#68 2MASS Reds	2	
0144.COMP	10	4:18	20:13:56.1	+44:43:09	300	90	3.0	#68 2MASS Reds	2	
0145.2M20181984p2223386	1200	4:19	20:18:19.8	+22:23:38	300	90	3.0	#68 2MASS Reds	2	
0146.COMP	10	4:41	20:18:19.8	+22:23:38	300	90	3.0	#68 2MASS Reds	2	

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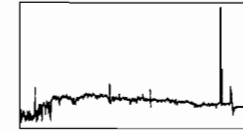
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0147.2M20212069p2230211	1200	4:42	20:21:20.6	+22:30:21	300	90	3.0	#68 2MASS Reds	2	
0148.COMP	10	5:02	20:21:20.6	+22:30:21	300	90	3.0	#68 2MASS Reds	2	
0149.BDp284211	60	5:04	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0150.BDp284211	60	5:05	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0151.BDp284211	60	5:06	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0152.COMP	10	5:08	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0153.2M20220989p2459351	900	5:09	20:22:09.8	+24:59:35	300	90	3.0	#68 2MASS Reds	2	
0154.COMP	10	5:24	20:22:09.8	+24:59:35	300	90	3.0	#68 2MASS Reds	2	
0155.2M20433966p5736291	1200	5:28	20:43:39.6	+57:36:29	300	0	3.0	#68 2MASS Reds	2	
0156.COMP	10	5:49	20:43:39.6	+57:36:29	300	0	3.0	#68 2MASS Reds	2	
0157.2M20412222p5054235	1200	5:50	20:41:22.2	+50:54:23	300	0	3.0	#68 2MASS Reds	2	
0158.COMP	10	6:10	20:41:22.2	+50:54:23	300	0	3.0	#68 2MASS Reds	2	
0159.N7469	120	6:12	23:03:15.7	+08:52:27	300	11	3.0	#6 AGN Monitor	2	
0160.N7469	120	6:14	23:03:15.7	+08:52:27	300	11	3.0	#6 AGN Monitor	2	
0161.COMP	10	6:16	23:03:15.7	+08:52:27	300	11	3.0	#6 AGN Monitor	2	
0162.Akn564	180	6:19	22:42:39.4	+29:43:31	300	77	3.0	#6 AGN Monitor	2	
0163.Akn564	180	6:22	22:42:39.4	+29:43:31	300	77	3.0	#6 AGN Monitor	2	
0164.COMP	10	6:25	22:42:39.4	+29:43:31	300	77	3.0	#6 AGN Monitor	2	
0165.BLLac	420	6:27	22:02:43.3	42:16:40	300	110	3.0	#6 AGN Monitor	2	
0166.COMP	10	6:35	22:02:43.3	42:16:40	300	110	3.0	#6 AGN Monitor	2	

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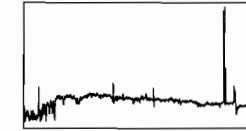
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0167.2M21065986p3942532	1200	6:38	21:06:59.8	+39:42:53	300	0	3.0	#68 2MASS Reds	2	
0168.COMP	10	6:58	21:06:59.8	+39:42:53	300	0	3.0	#68 2MASS Reds	2	
0169.2M21071744p3706509	1200	7:04	21:07:17.4	+37:06:50	300	70	3.0	#68 2MASS Reds	2	
0170.COMP	10	7:27	21:07:17.4	+37:06:50	300	70	3.0	#68 2MASS Reds	2	
0171.MRK335	120	7:30	00:06:19.6	+20:12:11	300	33	3.0	#6 AGN Monitor	2	
0172.MRK335	120	7:32	00:06:19.6	+20:12:11	300	33	3.0	#6 AGN Monitor	2	
0173.COMP	10	7:34	00:06:19.6	+20:12:11	300	33	3.0	#6 AGN Monitor	2	
0174.ZAnd	2	7:36	23:33:40	48:49:06	300	0	3.0	#12 Symbiotic	2	
0175.ZAnd	1	7:36	23:33:40	48:49:06	300	0	3.0	#12 Symbiotic	2	
0176.ZAnd	5	7:36	23:33:40	48:49:06	300	0	3.0	#12 Symbiotic	2	
0177.ZAnd	10	7:37	23:33:40	48:49:06	300	0	3.0	#12 Symbiotic	2	
0178.ZAnd	45	7:38	23:33:40	48:49:06	300	0	3.0	#12 Symbiotic	2	
0179.COMP	10	7:39	23:33:40	48:49:06	300	0	3.0	#12 Symbiotic	2	
0180.225m280	300	7:40	00:41:45.1	+41:05:12	300	0	3.0	#57 Velocity S	2	
0181.COMP	10	7:45	00:41:45.1	+41:05:12	300	0	3.0	#57 Velocity S	2	
0182.015624p18430_c	1200	7:49	1:58:58.5	18:57:40	300	-64	3.0	#113 Interacti	2	
0183.COMP	10	8:09	1:58:58.5	18:57:40	300	-64	3.0	#113 Interacti	2	
0184.snn	900	8:16	1:59:42.0	19:1:17	300	-20	3.0	#2 SN Observat	2	
0185.COMP	10	8:31	1:59:42.0	19:1:17	300	-20	3.0	#2 SN Observat	2	
0186.015624p18430_g	1200	8:34	1:59:42.0	19:1:17	300	-34	3.0	#113 Interacti	2	

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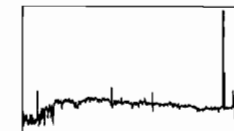
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0187.COMP	10	8:55	1:59:42.0	19:1:17	300	-34	3.0	#113 Interacti	2	
0188.015624p18430_e	1200	8:58	1:59:7.1	18:57:36	300	0	3.0	#113 Interacti	2	
0189.COMP	10	9:19	1:59:7.1	18:57:36	300	0	3.0	#113 Interacti	2	
0190.020100p14280_c	1200	9:20	2:3:51.3	14:45:33	300	0	3.0	#113 Interacti	2	
0191.COMP	10	9:41	2:3:51.3	14:45:33	300	0	3.0	#113 Interacti	2	
0192.012400p17000_c	1200	9:44	1:27:1.2	17:18:47	300	0	3.0	#113 Interacti	2	
0193.COMP	10	10:04	1:27:1.2	17:18:47	300	0	3.0	#113 Interacti	2	
0194.012400p17000_c	1200	10:05	1:27:1.2	17:18:47	300	0	3.0	#113 Interacti	2	
0195.COMP	10	10:25	1:27:1.2	17:18:47	300	0	3.0	#113 Interacti	2	
0196.032212p40210_c	900	10:29	3:28:15.6	40:9:35	300	90	3.0	#113 Interacti	2	
0197.COMP	10	10:45	3:28:15.6	40:9:35	300	90	3.0	#113 Interacti	2	
0198.2M03531242p6729387	1200	10:48	03:53:12.4	+67:29:38	300	90	3.0	#68 2MASS Reds	2	
0199.COMP	10	11:09	03:53:12.4	+67:29:38	300	90	3.0	#68 2MASS Reds	2	
0200.2M04303705p2714471	1200	11:11	04:30:37.0	+27:14:47	300	90	3.0	#68 2MASS Reds	2	
0201.COMP	10	11:32	04:30:37.0	+27:14:47	300	90	3.0	#68 2MASS Reds	2	
0202.2M04304019p2845591	600	11:33	04:30:40.1	+28:45:59	300	90	3.0	#68 2MASS Reds	2	
0203.COMP	10	11:43	04:30:40.1	+28:45:59	300	90	3.0	#68 2MASS Reds	2	
0204.2M04352305p2019032	360	11:44	04:35:23.0	+20:19:03	300	90	3.0	#68 2MASS Reds	2	
0205.COMP	10	11:51	04:35:23.0	+20:19:03	300	90	3.0	#68 2MASS Reds	2	
0206.2M04375113p2047033	360	12:01	04:37:51.1	+20:47:03	300	90	3.0	#68 2MASS Reds	2	

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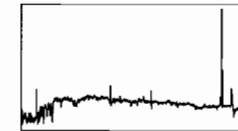
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0207.COMP	10	12:07	04:37:51.1	+20:47:03	300	90	3.0	#68 2MASS Reds	2	
0208-0217.BIAS	0	12:12	04:37:51.1	+20:47:03	300	90	3.0	#2 SN Observat	2	
0218-0227.FLAT	16	12:16	04:37:51.1	+20:47:03	300	90	3.0	#2 SN Observat	2	

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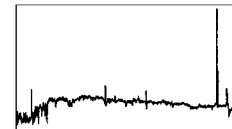
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	1:06	18:19:46.3	+31:30:18	300	90	3.0	#2 SN Observat	2	ccd b.p.
0002-0005.BIAS	0	1:07	18:20:37.5	+31:30:18	300	90	3.0	#2 SN Observat	2	
0006-0010.BIAS	0	1:08	18:21:44.8	+31:30:17	300	90	3.0	#2 SN Observat	2	
0011-0013.FLAT	16	1:10	18:24:02.0	+31:30:17	300	90	3.0	#2 SN Observat	2	
0014-0019.FLAT	16	1:13	18:26:55.7	+31:30:16	300	90	3.0	#2 SN Observat	2	
0020.FLAT	16	1:13	18:27:25.2	+31:30:15	300	90	3.0	#2 SN Observat	2	
0021-0025.sky	5	1:27	18:35:00	32:00:00	300	90	3.0	#57 Velocity S	2	
0026.COMP	10	1:28	18:35:00	32:00:00	300	90	3.0	#57 Velocity S	2	
0027.2M19150613m1713513	300	2:03	19:15:06.1	-17:13:51	300	90	3.0	#68 2MASS Reds	2	a few thin clouds
0028.COMP	10	2:09	19:15:06.1	-17:13:51	300	90	3.0	#68 2MASS Reds	2	
0029.2M19145766m2552012	300	2:11	19:14:57.6	-25:52:01	300	90	3.0	#68 2MASS Reds	2	
0030.COMP	10	2:16	19:14:57.6	-25:52:01	300	90	3.0	#68 2MASS Reds	2	
0031.2M19113405m0526417	360	2:17	19:11:34.0	-05:26:41	300	90	3.0	#68 2MASS Reds	2	
0032.COMP	10	2:24	19:11:34.0	-05:26:41	300	90	3.0	#68 2MASS Reds	2	
0033.2M19034184m0626471	1200	2:25	19:03:41.8	-06:26:47	300	90	3.0	#68 2MASS Reds	2	
0034.COMP	10	2:45	19:03:41.8	-06:26:47	300	90	3.0	#68 2MASS Reds	2	
0035.2M18582963m0933358	600	2:46	18:58:29.6	-09:33:35	300	90	3.0	#68 2MASS Reds	2	
0036.COMP	10	2:57	18:58:29.6	-09:33:35	300	90	3.0	#68 2MASS Reds	2	
0037.2M18595195m0928549	480	2:57	18:59:51.9	-09:28:54	300	90	3.0	#68 2MASS Reds	2	
0038.COMP	10	3:06	18:59:51.9	-09:28:54	300	90	3.0	#68 2MASS Reds	2	

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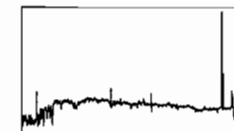
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0039.2M19063431m0509129	1200	3:07	19:06:34.3	-05:09:12	300	90	3.0	#68 2MASS Reds	2	
0040.COMP	10	3:28	19:06:34.3	-05:09:12	300	90	3.0	#68 2MASS Reds	2	
0041.231230p12520.b	1200	3:33	23:15:7.8	13:10:13	300	90	3.0	#113 Interacti	2	
0042.COMP	10	3:53	23:15:7.8	13:10:13	300	90	3.0	#113 Interacti	2	
0043.230248p16350.b	1200	3:54	23:5:39.1	16:50:55	300	90	3.0	#113 Interacti	2	<i>2 galaxen - v clear - sent both</i>
0044.COMP	10	4:15	23:5:39.1	16:50:55	300	90	3.0	#113 Interacti	2	
0045.231712p08170.b	1200	4:16	23:19:47.1	8:36:11	300	90	3.0	#113 Interacti	2	hi Susan!
0046.COMP	10	4:38	23:19:47.1	8:36:11	300	90	3.0	#113 Interacti	2	
0047.BDp284211	60	4:40	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0048.BDp284211	60	4:41	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0049.BDp284211	60	4:43	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0050.COMP	10	4:44	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0051.231712p08170.d	1200	4:47	23:19:54.9	8:33:39	300	-20	3.0	#113 Interacti	2	
0052.COMP	10	5:07	23:19:54.9	8:33:39	300	-20	3.0	#113 Interacti	2	
0053.sn2003hy	1200	5:11	21:54:22.7	+15:09:37	300	30	3.0	#2 SN Observat	2	
0054.COMP	10	5:31	21:54:22.7	+15:09:37	300	30	3.0	#2 SN Observat	2	
0055.233000p23390.c	1200	5:34	23:32:15.1	23:55:46	300	70	3.0	#113 Interacti	2	
0056.COMP	10	5:55	23:32:15.1	23:55:46	300	70	3.0	#113 Interacti	2	
0057.233000p23390.d	1200	5:57	23:32:16.9	23:55:37	300	70	3.0	#113 Interacti	2	
0058.COMP	10	6:18	23:32:16.9	23:55:37	300	70	3.0	#113 Interacti	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0059.233612p08470_b.z	1200	6:20	23:38:40.8	9:3:31	300	110	3.0	#113 Interacti	2	b at row 84, z at row 101
0060.COMP	10	6:41	23:38:40.8	9:3:31	300	110	3.0	#113 Interacti	2	
0061.231936p27150_d	1200	6:42	23:21:58.8	27:34:40	300	110	3.0	#113 Interacti	2	
0062.COMP	10	7:02	23:21:58.8	27:34:40	300	110	3.0	#113 Interacti	2	
0063.cairnss_186	720	7:06	0:55:59	-1:18:1	300	90	3.0	#64 Cluster In	2	
0064.COMP	10	7:18	0:55:59	-1:18:1	300	90	3.0	#64 Cluster In	2	
0065.sn2003ic	1200	7:22	00:41:50.2	-09:18:19	300	10	3.0	#2 SN Observat	2	
0066.COMP	10	7:43	00:41:50.2	-09:18:19	300	10	3.0	#2 SN Observat	2	
0067.BIAS	0	7:45	01:00:00	32:00:00	300	10	3.0	#64 Cluster In	2	
0068.COMP	20	7:47	01:00:00	32:00:00	600	10	2.0	#64 Cluster In	2	600-line, 2-sec, blue
0069.hss173	900	7:51	1:13:41.3	0:32:55	600	0	2.0	#122 Halo Star	2	
0070.COMP	20	8:07	1:13:41.3	0:32:55	600	0	2.0	#122 Halo Star	2	
0071.hss174	900	8:08	1:17:21.4	-0:04:33	600	0	2.0	#122 Halo Star	2	
0072.COMP	20	8:24	1:17:21.4	-0:04:33	600	0	2.0	#122 Halo Star	2	
0073.hss175	900	8:25	1:17:57.7	0:34:48	600	0	2.0	#122 Halo Star	2	
0074.COMP	20	8:40	1:17:57.7	0:34:48	600	0	2.0	#122 Halo Star	2	
0075.hss176	1260	8:42	1:22:44.1	-0:56:08	600	20	2.0	#122 Halo Star	2	
0076.COMP	20	9:04	1:22:44.1	-0:56:08	600	20	2.0	#122 Halo Star	2	
0077.hss177	1200	9:06	1:26:46.0	-0:22:54	600	20	2.0	#122 Halo Star	2	
0078.COMP	20	9:26	1:26:46.0	-0:22:54	600	20	2.0	#122 Halo Star	2	

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File	Exp Time t	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0079.hss178	1560	1:30:47.5	0:04:46	600	35	2.0	#122 Halo Star	2	
0080.COMP	201	1:30:47.5	0:04:46	600	35	2.0	#122 Halo Star	2	
0081.hss179	1800	1:31:34.7	-0:54:16	600	35	2.0	#122 Halo Star	2	
0082.COMP	207	1:31:34.7	-0:54:16	600	35	2.0	#122 Halo Star	2	
0083.hss210	14409	2:29:09.8	1:04:18	600	35	2.0	#122 Halo Star	2	
0084.COMP	203	2:29:09.8	1:04:18	600	35	2.0	#122 Halo Star	2	
0085.hss209	7804	2:28:39.1	0:25:47	600	35	2.0	#122 Halo Star	2	
0086.COMP	208	2:28:39.1	0:25:47	600	35	2.0	#122 Halo Star	2	
0087.hss211	7809	2:29:48.2	0:42:02	600	35	2.0	#122 Halo Star	2	
0088.COMP	202	2:29:48.2	0:42:02	600	35	2.0	#122 Halo Star	2	
0089.hss212	9003	2:30:12.7	0:35:45	600	45	2.0	#122 Halo Star	2	
0090.COMP	209	2:30:12.7	0:35:45	600	45	2.0	#122 Halo Star	2	
0091.hss232	9001	3:13:14.9	0:27:26	600	40	2.0	#122 Halo Star	2	
0092.COMP	206	3:13:14.9	0:27:26	600	40	2.0	#122 Halo Star	2	
0093.HZ14	4808	04:38:15.6	10:53:57	600	20	2.0	#122 Halo Star	2	
0094.HZ14	4807	04:38:15.6	10:53:57	600	20	2.0	#122 Halo Star	2	
0095.COMP	206	04:38:15.6	10:53:57	600	20	2.0	#122 Halo Star	2	
0096.FLAT	803	04:38:15.6	10:53:57	600	90	2.0	#122 Halo Star	2	a few clouds...
0097-0105.FLAT	807	04:38:15.6	10:53:57	600	90	2.0	#122 Halo Star	2	
0106-0115.BIAS	00	04:38:15.6	10:53:57	600	90	2.0	#122 Halo Star	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>
0116.COMP	20	12:43	04:38:15.6	10:53:57	300	90	3.0	#122 Halo Star	2	
0117.COMP	5	12:45	06:00:42.2	+31:30:31	300	90	3.0	#122 Halo Star	2	