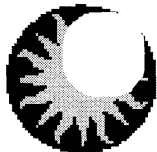
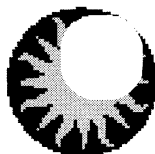
UT Date 2002-11-12 Observers M CalkinsColl. Focus 980 Grating/Grism 300

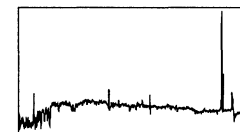
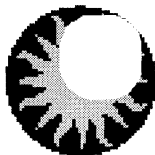
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	0:26	20:41:45.8	+31:29:41	300	90	3.0	#56 Spectropho	4	
0002.DARK	900	0:42	20:56:53.4	+31:29:38	300	90	3.0	#56 Spectropho	4	
0003.DARK	900	0:57	21:12:04.4	+31:29:36	300	90	3.0	#56 Spectropho	4	
0004-0013.BIAS	0	1:13	21:13:22.5	+31:29:35	300	90	3.0	#56 Spectropho	4	
0014-0023.FLAT	6	1:16	21:15:59.1	+31:29:35	300	90	3.0	#56 Spectropho	4	
0024-0033.BIAS	0	1:18	21:18:09.6	+31:29:35	300	90	3.0	#56 Spectropho	2	
0034-0043.FLAT	12	1:22	21:22:25.5	+31:29:34	300	90	3.0	#56 Spectropho	2	
0044.BDp284211	90	1:26	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0045.BDp284211	90	1:28	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0046.COMP	5	1:30	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0047.BDp284211	70	1:37	21:48:57.1	28:37:48	300	-57	3.0	#56 Spectropho	2	
0048.BDp284211	70	1:39	21:48:57.1	28:37:48	300	-57	3.0	#56 Spectropho	2	
0049.COMP	12	1:40	21:48:57.1	28:37:48	300	-57	3.0	#56 Spectropho	2	
0050.sn2002ha	1200	1:47	20:47:18.5	+00:18:45	300	22	3.0	#2 SN Observat	2	
0051.COMP	12	2:08	20:47:18.5	+00:18:45	300	22	3.0	#2 SN Observat	2	
0052.sn2002hw	1200	2:11	00:06:49.0	+08:37:48	300	-45	3.0	#2 SN Observat	2	
0053.COMP	12	2:32	00:06:49.0	+08:37:48	300	-45	3.0	#2 SN Observat	2	
0054.N7331	180	2:35	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	too many counts
0055.COMP	12	2:38	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0056.N7331	90	2:39	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	

UT Date 2002-11-12 Observers M CalkinsColl. Focus 980 Grating/Grism 300

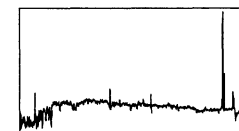
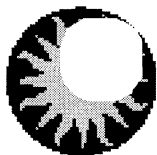
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0057.COMP	12	2:41	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0058.FLAT	4	2:47	22:34:46.9	+34:09:43	300	90	5.0	#56 Spectropho	4	5 arcsec slit
0059-0067.FLAT	4	2:49	22:34:46.9	+34:09:43	300	90	5.0	#56 Spectropho	4	
0068.BDp284211	50	2:51	21:48:57.1	28:37:48	300	74	5.0	#56 Spectropho	4	
0069.BDp284211	50	2:52	21:48:57.1	28:37:48	300	74	5.0	#56 Spectropho	4	
0070.COMP	4	2:54	21:48:57.1	28:37:48	300	74	5.0	#56 Spectropho	4	
0071.Feige110	120	2:58	23:17:23.5	-05:26:22	300	-8	5.0	#56 Spectropho	4	
0072.Feige110	120	3:00	23:17:23.5	-05:26:22	300	-8	5.0	#56 Spectropho	4	
0073.COMP	4	3:03	23:17:23.5	-05:26:22	300	-8	5.0	#56 Spectropho	4	
0074.FLAT	12	3:06	23:17:23.5	-05:26:22	300	90	5.0	#56 Spectropho	2	3 arcsec slit
0075-0083.FLAT	12	3:10	23:17:23.5	-05:26:22	300	90	5.0	#56 Spectropho	2	
0084.BDp284211	70	3:15	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0085.BDp284211	70	3:16	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0086.COMP	12	3:18	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0087.2MJ2032195p495145	1200	3:21	20:32:19.5	+49:51:45	300	90	3.0	#68 2MASS Reds	2	
0088.COMP	12	3:41	20:32:19.5	+49:51:45	300	90	3.0	#68 2MASS Reds	2	
0089.2MJ2035236p521940	900	3:43	20:35:23.6	+52:19:40	300	90	3.0	#68 2MASS Reds	2	
0090.COMP	12	3:59	20:35:23.6	+52:19:40	300	90	3.0	#68 2MASS Reds	2	
0091.2MJ2037468p130455	330	4:01	20:37:46.8	+13:04:55	300	90	3.0	#68 2MASS Reds	2	
0092.COMP	12	4:07	20:37:46.8	+13:04:55	300	90	3.0	#68 2MASS Reds	2	

UT Date 2002-11-12 Observers M CalkinsColl. Focus 980 Grating/Grism 300

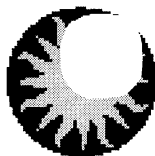
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0093.2MJ2038565p193750	240	4:10	20:38:56.5	+19:37:50	300	90	3.0	#68 2MASS Reds	2	
0094.COMP	12	4:15	20:38:56.5	+19:37:50	300	90	3.0	#68 2MASS Reds	2	
0095.2MJ2039229p293328	660	4:17	20:39:22.9	+29:33:28	300	100	3.0	#68 2MASS Reds	2	row=72
0096.COMP	12	4:28	20:39:22.9	+29:33:28	300	100	3.0	#68 2MASS Reds	2	
0097.2MJ2039428p321136	1200	4:31	20:39:42.8	+32:11:36	300	90	3.0	#68 2MASS Reds	2	noise
0098.COMP	12	4:52	20:39:42.8	+32:11:36	300	90	3.0	#68 2MASS Reds	2	
0099.2MJ2040305p505426	1200	4:54	20:40:30.5	+50:54:26	300	90	3.0	#68 2MASS Reds	2	row=74
0100.COMP	12	5:14	20:40:30.5	+50:54:26	300	90	3.0	#68 2MASS Reds	2	
0101.ZAnd	2	5:17	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0102.ZAnd	5	5:17	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0103.ZAnd	15	5:17	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0104.COMP	12	5:18	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0105.0o2589	5	5:20	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0106.0o2589	5	5:21	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0107.0o2589	5	5:21	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0108.COMP	12	5:21	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0109.sb42	1200	5:26	02:59:50.6	+02:46:18	300	40	3.0	#135 Starburst	2	
0110.COMP	12	5:46	02:59:50.6	+02:46:18	300	40	3.0	#135 Starburst	2	
0111.sb42a	720	5:48	02:59:51.3	+02:47:07	300	90	3.0	#135 Starburst	2	
0112.COMP	12	6:00	02:59:51.3	+02:47:07	300	90	3.0	#135 Starburst	2	

UT Date 2002-11-12 Observers M CalkinsColl. Focus 980 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0113.sb43a	1020	6:02	03:08:32.0	+20:47:17	300	90	3.0	#135 Starburst	2	
0114.COMP	12	6:19	03:08:32.0	+20:47:17	300	90	3.0	#135 Starburst	2	
0115.sb43b	1200	6:21	03:08:34.3	+20:45:38	300	90	3.0	#135 Starburst	2	
0116.COMP	12	6:41	03:08:34.3	+20:45:38	300	90	3.0	#135 Starburst	2	
0117.sb41	1200	6:45	02:59:42.8	+25:14:27	300	37	3.0	#135 Starburst	2	
0118.COMP	12	7:05	02:59:42.8	+25:14:27	300	37	3.0	#135 Starburst	2	
0119.sb46	1200	7:08	03:32:07.4	+47:47:38	300	110	3.0	#135 Starburst	2	
0120.COMP	12	7:28	03:32:07.4	+47:47:38	300	110	3.0	#135 Starburst	2	
0121.sb44	1200	7:30	03:15:01.4	+42:02:09	300	85	3.0	#135 Starburst	2	
0122.COMP	12	7:51	03:15:01.4	+42:02:09	300	85	3.0	#135 Starburst	2	
0123.sb44a	360	7:52	03:15:09.4	+42:03:18	300	90	3.0	#135 Starburst	2	
0124.COMP	12	7:59	03:15:09.4	+42:03:18	300	90	3.0	#135 Starburst	2	
0125.sb47	1200	8:01	03:38:56.7	+20:24:07	300	45	3.0	#135 Starburst	2	
0126.COMP	12	8:21	03:38:56.7	+20:24:07	300	45	3.0	#135 Starburst	2	
0127.sn2002fk	1200	8:24	03:22:05.7	-15:24:03	300	18	3.0	#2 SN Observat	2	
0128.COMP	12	8:44	03:22:05.7	-15:24:03	300	18	3.0	#2 SN Observat	2	
0129.BGGem	300	8:47	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0130.COMP	12	8:53	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0131.BGGem	1200	8:54	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0132.COMP	12	9:14	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	

UT Date 2002-11-12 Observers M CalkinsColl. Focus 980 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0133.cairnsk_084	1200	9:17	4:39:0.5	-12:29:49	300	90	3.0	#64 Galaxy Clu	2	
0134.COMP	12	9:38	4:39:0.5	-12:29:49	300	90	3.0	#100 BGGem	2	
0135.cairnsk_085	600	9:39	4:28:51.8	-11:49:7	300	90	3.0	#64 Galaxy Clu	2	
0136.COMP	12	9:49	4:28:51.8	-11:49:7	300	90	3.0	#64 Galaxy Clu	2	
0137.cairnsk_089	900	9:52	4:33:45.5	-10:32:9	300	90	3.0	#64 Galaxy Clu	2	
0138.COMP	12	10:08	4:33:45.5	-10:32:9	300	90	3.0	#64 Galaxy Clu	2	
0139.cairnsk_090	1200	10:09	4:35:38.5	-15:50:46	300	90	3.0	#64 Galaxy Clu	2	
0140.COMP	12	10:29	4:35:38.5	-15:50:46	300	90	3.0	#64 Galaxy Clu	2	
0141.cairnsk_091	900	10:32	4:41:34.9	-12:35:53	300	90	3.0	#64 Galaxy Clu	2	
0142.COMP	12	10:47	4:41:34.9	-12:35:53	300	90	3.0	#64 Galaxy Clu	2	
0143.vso-21347	660	10:52	05:36:51.8	-5:08:35	300	25	3.0	#112 Orion PMS	2	
0144.COMP	12	11:04	05:36:51.8	-5:08:35	300	25	3.0	#112 Orion PMS	2	
0145.vso-21382	540	11:05	05:36:59.8	-5:23:40	300	25	3.0	#112 Orion PMS	2	
0146.COMP	12	11:14	05:36:59.8	-5:23:40	300	25	3.0	#112 Orion PMS	2	
0147.vso-20289	720	11:16	05:37:15.8	-4:37:48	300	25	3.0	#112 Orion PMS	2	
0148.COMP	12	11:28	05:37:15.8	-4:37:48	300	25	3.0	#112 Orion PMS	2	
0149.vso-21461	900	11:31	05:37:26.0	-5:34:01	300	35	3.0	#112 Orion PMS	2	
0150.COMP	12	11:46	05:37:26.0	-5:34:01	300	35	3.0	#112 Orion PMS	2	
0151.vso-20611	720	11:49	05:38:18.9	-4:34:46	300	35	3.0	#112 Orion PMS	2	seeing blowing up...
0152.COMP	12	12:01	05:38:18.9	-4:34:46	300	35	3.0	#112 Orion PMS	2	

UT Date 2002-11-12 Observers M CalkinsColl. Focus 980 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>
0153.vso-21615	1200	12:04	05:38:36.1	-5:40:48	300	41	3.0	#112 Orion PMS	2	
0154.COMP	12	12:25	05:38:36.1	-5:40:48	300	41	3.0	#112 Orion PMS	2	
0155.vso-21886	1200	12:27	05:42:06.4	-4:50:50	300	41	3.0	#112 Orion PMS	2	
0156.COMP	12	12:47	05:42:06.4	-4:50:50	300	41	3.0	#112 Orion PMS	2	
0157.Feige34	120	12:51	10:36:41.2	43:21:50	300	71	3.0	#56 Spectropho	2	
0158.COMP	12	12:54	10:36:41.2	43:21:50	300	71	3.0	#56 Spectropho	2	
0159.Feige34	120	13:00	10:36:41.2	43:21:50	300	71	5.0	#56 Spectropho	4	5 arcsec slit
0160.COMP	4	13:03	10:36:41.2	43:21:50	300	71	5.0	#56 Spectropho	4	
0161-0170.FLAT	4	13:06	10:36:41.2	43:21:50	300	90	5.0	#56 Spectropho	4	
0171-0180.BIAS	0	13:09	10:36:41.2	43:21:50	300	90	5.0	#56 Spectropho	4	
0181-0190.DARK	900	15:28	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	