

UT Date 2005-02-02 Observers P BerlindColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.BIAS	0	0:21	14:49:02.3	+25:42:09	300	90	3.0	#149 Black Hol	4	
0011-0020.FLAT	8	0:24	14:49:02.3	+25:42:09	300	90	3.0	#149 Black Hol	4	
0021-0030.BIAS	0	0:26	14:49:02.3	+25:42:09	300	90	3.0	#149 Black Hol	2	
0031-0051.FLAT	16	0:37	14:49:02.3	+25:42:09	300	90	3.0	#149 Black Hol	2	
0052.XS02802B0_007	10	1:49	1:28:2.7	63:17:0	300	90	3.0	#152 ChaMPlane	4	
0053.COMP	5	1:50	1:28:2.7	63:17:0	300	90	3.0	#152 ChaMPlane	4	
0054.XS02802B7_001	480	1:53	1:27:55.5	62:55:20	300	90	3.0	#152 ChaMPlane	4	
0055.COMP	5	2:02	1:27:55.5	62:55:20	300	90	3.0	#152 ChaMPlane	4	
0056.2666_12	900	2:03	23:47:11.5	+27:17:18	300	90	3.0	#64 Cluster an	4	
0057.COMP	5	2:19	23:47:11.5	+27:17:18	300	90	3.0	#64 Cluster an	4	
0058.2666_15	850	2:20	23:46:41.1	+27:24:08	300	90	3.0	#64 Cluster an	4	
0059.COMP	5	2:35	23:46:41.1	+27:24:08	300	90	3.0	#64 Cluster an	4	
0060.2666_19	900	2:37	23:51:15.7	+27:57:01	300	90	3.0	#64 Cluster an	4	
0061.COMP	5	2:53	23:51:15.7	+27:57:01	300	90	3.0	#64 Cluster an	4	
0062.2666_20	900	2:53	23:50:48.3	+27:57:34	300	90	3.0	#64 Cluster an	4	
0063.COMP	5	3:09	23:50:48.3	+27:57:34	300	90	3.0	#64 Cluster an	4	
0064.2M03384688p0916079	660	3:11	03:38:46.8	+09:16:07	300	90	3.0	#141 Mapping t	4	
0065.COMP	5	3:22	03:38:46.8	+09:16:07	300	90	3.0	#141 Mapping t	4	
0066.2M03405810p1044095	660	3:25	03:40:58.0	+10:44:09	300	90	3.0	#141 Mapping t	4	
0067.COMP	5	3:36	03:40:58.0	+10:44:09	300	90	3.0	#141 Mapping t	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0068.2M03410530p0802477	360	3:36	03:41:05.3	+08:02:47	300	90	3.0	#141 Mapping t	4	
0069.COMP	5	3:43	03:41:05.3	+08:02:47	300	90	3.0	#141 Mapping t	4	
0070.2M03444269p1544117	720	3:43	03:44:42.6	+15:44:11	300	90	3.0	#141 Mapping t	4	
0071.COMP	5	3:56	03:44:42.6	+15:44:11	300	90	3.0	#141 Mapping t	4	
0072.2M03450331p1224593	720	3:56	03:45:03.3	+12:24:59	300	90	3.0	#141 Mapping t	4	
0073.COMP	5	4:08	03:45:03.3	+12:24:59	300	90	3.0	#141 Mapping t	4	
0074.2M03474575p0041118	330	4:09	03:47:45.7	+00:41:12	300	90	3.0	#141 Mapping t	4	
0075.COMP	5	4:15	03:47:45.7	+00:41:12	300	90	3.0	#141 Mapping t	4	
0076.2M03592096p0645518	270	4:16	03:59:20.9	+06:45:51	300	90	3.0	#141 Mapping t	4	
0077.COMP	5	4:20	03:59:20.9	+06:45:51	300	90	3.0	#141 Mapping t	4	
0078.2M04071911p1328006	480	4:21	04:07:19.1	+13:28:00	300	90	3.0	#141 Mapping t	4	
0079.COMP	5	4:29	04:07:19.1	+13:28:00	300	90	3.0	#141 Mapping t	4	
0080.2M04090024p1530510	720	4:30	04:09:00.2	+15:30:51	300	90	3.0	#141 Mapping t	4	
0081.COMP	5	4:42	04:09:00.2	+15:30:51	300	90	3.0	#141 Mapping t	4	
0082.sn2005v	600	4:47	06:18:38.2	+78:21:28	300	0	3.0	#2 SN Observat	2	
0083.COMP	10	4:58	06:18:38.2	+78:21:28	300	0	3.0	#2 SN Observat	2	stop, clouds moving in fast
0084.075600+55300E	420	7:13	08:00:12.0	+55:22:11	300	90	3.0	#84f Updated Z	4	
0085.COMP	5	7:21	08:00:12.0	+55:22:11	300	90	3.0	#84f Updated Z	4	
0086.075600+55300W	300	7:21	07:59:53.7	+55:22:29	300	90	3.0	#84f Updated Z	4	
0087.COMP	5	7:27	07:59:53.7	+55:22:29	300	90	3.0	#84f Updated Z	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0088.XS02545B7_005	300	7:31	7:37:20.8	-9:39:43	300	90	3.0	#152 ChaMPlane	4	
0089.COMP	5	7:37	7:37:20.8	-9:39:43	300	90	3.0	#152 ChaMPlane	4	
0090.XS02545B7_006	300	7:37	7:37:17.9	-9:38:15	300	90	3.0	#152 ChaMPlane	4	
0091.COMP	5	7:43	7:37:17.9	-9:38:15	300	90	3.0	#152 ChaMPlane	4	
0092.XS02545B7_020	540	7:43	7:37:9.9	-9:37:4	300	90	3.0	#152 ChaMPlane	4	
0093.COMP	5	7:53	7:37:9.9	-9:37:4	300	90	3.0	#152 ChaMPlane	4	
0094.sn2005m	1200	7:56	09:37:32.3	+23:12:02	300	-5	3.0	#2 SN Observat	2	
0095.COMP	10	8:16	09:37:32.3	+23:12:02	300	-5	3.0	#2 SN Observat	2	
0096.HD84937	15	8:17	09:48:56.1	13:44:39	300	-5	3.0	#56 Spectropho	2	
0097.HD84937	15	8:18	09:48:56.1	13:44:39	300	-5	3.0	#56 Spectropho	2	
0098.HD84937	15	8:18	09:48:56.1	13:44:39	300	-5	3.0	#56 Spectropho	2	
0099.COMP	10	8:19	09:48:56.1	13:44:39	300	-5	3.0	#56 Spectropho	2	
0100.XS02209B6_013	1200	8:24	11:14:07.6	+40:38:25	300	90	3.0	#129 CHAMP Sou	2	
0101.COMP	10	8:44	11:14:07.6	+40:38:25	300	90	3.0	#129 CHAMP Sou	2	
0102.XS02209B7_016	1320	8:45	11:14:58.0	+40:36:11	300	90	3.0	#129 CHAMP Sou	2	
0103.COMP	10	9:09	11:14:58.0	+40:36:11	300	90	3.0	#129 CHAMP Sou	2	
0104.Feige34	150	9:10	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0105.Feige34	150	9:13	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0106.COMP	10	9:16	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0107.XS02209B7_026	1200	9:18	11:15:04.6	+40:37:07	300	90	3.0	#129 CHAMP Sou	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0108.COMP	10	9:38	11:15:04.6	+40:37:07	300	90	3.0	#129 CHAMP Sou	2	
0109.XS01662B2_029	1320	9:40	12:21:31.3	+49:10:37	300	90	3.0	#129 CHAMP Sou	2	
0110.COMP	10	10:02	12:21:31.3	+49:10:37	300	90	3.0	#129 CHAMP Sou	2	
0111.XS01662B3_026	1500	10:05	12:21:39.6	+49:19:56	300	90	3.0	#129 CHAMP Sou	2	pec morphology
0112.COMP	10	10:30	12:21:39.6	+49:19:56	300	90	3.0	#129 CHAMP Sou	2	
0113.XS01662B2_020	1200	10:31	12:21:55.1	+49:07:44	300	90	3.0	#129 CHAMP Sou	2	
0114.COMP	10	10:52	12:21:55.1	+49:07:44	300	90	3.0	#129 CHAMP Sou	2	
0115.sn2004gk	660	10:54	12:25:33.2	+12:15:39	300	7	3.0	#2 SN Observat	2	stopped by clouds
0116.COMP	10	11:06	12:25:33.2	+12:15:39	300	7	3.0	#2 SN Observat	2	
0117.MRK421	360	11:13	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	stopped by clouds
0118.MRK421	360	11:19	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0119.COMP	5	11:25	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0120-0129.BIAS	0	11:30	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0130-0139.FLAT	8	11:33	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0140-0149.BIAS	0	11:36	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0150-0159.FLAT	16	11:41	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0160-0169.DARK	900	14:06	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0170-0179.DARK	900	16:38	12:03:09.7	+44:31:53	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>Bir</i>	<i>Comments</i>
0001-0010.BIAS	0	0:40	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0011-0020.FLAT	8	0:43	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0021-0030.BIAS	0	0:45	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0031-0051.FLAT	16	0:56	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	0:49	02:37:24.1	+31:28:25	300	90	3.0	#6 AGN Monitor	4	
0002.DARK	900	1:04	02:52:34.5	+31:28:29	300	90	3.0	#6 AGN Monitor	4	
0003.DARK	900	1:19	03:07:41.3	+31:28:33	300	90	3.0	#6 AGN Monitor	4	
0004-0013.BIAS	0	1:40	03:13:36.8	+31:28:35	300	90	3.0	#6 AGN Monitor	4	
0014-0023.FLAT	6	1:45	03:18:18.7	+31:28:36	300	90	3.0	#6 AGN Monitor	4	
0024-0033.BIAS	0	1:48	03:21:42.7	+31:28:37	300	90	3.0	#6 AGN Monitor	2	
0034-0037.FLAT	12	1:51	03:24:31.5	+31:28:38	300	90	3.0	#6 AGN Monitor	2	
0038-0043.FLAT	12	1:53	03:26:58.8	+31:28:39	300	90	3.0	#6 AGN Monitor	2	
0044.Feige24	240	2:13	02:32:31.0	03:30:51	300	90	3.0	#56 Spectropho	4	40+ gust
0045.COMP	5	2:17	02:32:31.0	03:30:51	300	90	3.0	#56 Spectropho	4	wait out winds
0046.Hiltner600	80	5:03	06:42:37.2	02:11:25	300	-4	3.0	#56 Spectropho	2	
0047.COMP	12	5:05	06:42:37.2	02:11:25	300	-4	3.0	#56 Spectropho	2	
0048.GITau	90	5:07	04:33:34.0	+24:21:18	300	90	3.0	#12 Symbiotic	2	
0049.COMP	12	5:10	04:33:34.0	+24:21:18	300	90	3.0	#12 Symbiotic	2	close for wind again
0050.GITau	360	5:32	04:33:34.0	+24:21:18	300	90	3.0	#12 Symbiotic	2	
0051.COMP	12	5:38	04:33:34.0	+24:21:18	300	90	3.0	#12 Symbiotic	2	
0052.GKTau	90	5:39	04:33:34.5	+24:21:07	300	90	3.0	#12 Symbiotic	2	
0053.COMP	12	5:41	04:33:34.5	+24:21:07	300	90	3.0	#12 Symbiotic	2	terrible seeing
0054.GKTau	360	5:42	04:33:34.5	+24:21:07	300	90	3.0	#12 Symbiotic	2	
0055.COMP	12	5:48	04:33:34.5	+24:21:07	300	90	3.0	#12 Symbiotic	2	

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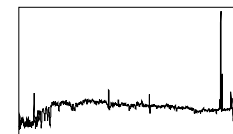
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0056.sn2005m	1200	5:53	09:37:32.3	+23:12:02	300	110	3.0	#2 SN Observat	2	
0057.COMP	12	6:13	09:37:32.3	+23:12:02	300	110	3.0	#2 SN Observat	2	
0058.XS02803B2_005	1200	6:17	5:27:11.5	42:52:15	300	90	3.0	#152 ChaMPlane	2	
0059.COMP	12	6:38	5:27:11.5	42:52:15	300	90	3.0	#152 ChaMPlane	2	
0060.XS02803B2_007	720	6:39	5:27:20.8	42:52:36	300	90	3.0	#152 ChaMPlane	2	
0061.COMP	12	6:52	5:27:20.8	42:52:36	300	90	3.0	#152 ChaMPlane	2	
0062.XS02803B3_005	480	6:53	5:27:24.9	43:0:59	300	90	3.0	#152 ChaMPlane	2	
0063.COMP	12	7:01	5:27:24.9	43:0:59	300	90	3.0	#152 ChaMPlane	2	
0064.XS02803B3_011	600	7:03	5:27:12.1	42:58:30	300	90	3.0	#152 ChaMPlane	2	
0065.COMP	12	7:13	5:27:12.1	42:58:30	300	90	3.0	#152 ChaMPlane	2	
0066.XS02803B3_012	480	7:14	5:27:10.4	43:2:31	300	90	3.0	#152 ChaMPlane	2	
0067.COMP	12	7:23	5:27:10.4	43:2:31	300	90	3.0	#152 ChaMPlane	2	
0068.XS02803B3_001	1500	7:27	5:26:52.3	42:57:55	300	85	3.0	#152 ChaMPlane	2	row=71, not worth a 2nd exp
0069.COMP	12	7:53	5:26:52.3	42:57:55	300	85	3.0	#152 ChaMPlane	2	
0070.XS02545B7_025	540	7:56	7:37:29.8	-9:35:56	300	90	3.0	#152 ChaMPlane	2	
0071.COMP	12	8:05	7:37:29.8	-9:35:56	300	90	3.0	#152 ChaMPlane	2	
0072.XS02545B3_005	1320	8:07	7:36:45.8	-9:44:46	300	90	3.0	#152 ChaMPlane	2	
0073.COMP	12	8:29	7:36:45.8	-9:44:46	300	90	3.0	#152 ChaMPlane	2	
0074.sn2005r	1200	8:40	11:14:56.8	33:49:35	300	85	3.0	#2 SN Observat	2	
0075.COMP	12	9:01	11:14:56.8	33:49:35	300	85	3.0	#2 SN Observat	2	

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0076.sn2004gt	1020	9:06	12:01:50.3	-18:52:12	300	-22	3.0	#2 SN Observat	2	
0077.COMP	12	9:23	12:01:50.3	-18:52:12	300	-22	3.0	#2 SN Observat	2	
0078.Feige34	80	9:29	10:36:41.2	43:21:50	300	-23	3.0	#56 Spectropho	2	
0079.COMP	12	9:31	10:36:41.2	43:21:50	300	-23	3.0	#56 Spectropho	2	
0080.Feige34	90	9:39	10:36:41.2	43:21:50	600	90	2.0	#56 Spectropho	4	600L, tilt=440, 2arcsec
0081.COMP	10	9:41	10:36:41.2	43:21:50	600	90	2.0	#56 Spectropho	4	
0082.hs2262	258	9:43	12:23:41.0	21:52:03	600	90	2.0	#122 Halo Star	4	
0083.COMP	10	9:48	12:23:41.0	21:52:03	600	90	2.0	#122 Halo Star	4	
0084.hs2263	240	9:50	12:23:42.9	57:40:51	600	90	2.0	#122 Halo Star	4	clouds coming in
0085.COMP	10	9:54	12:23:42.9	57:40:51	600	90	2.0	#122 Halo Star	4	
0086.hs2264	480	9:56	12:23:50.5	22:03:10	600	90	2.0	#122 Halo Star	4	
0087.COMP	10	10:04	12:23:50.5	22:03:10	600	90	2.0	#122 Halo Star	4	
0088.hs2264	450	11:27	12:23:50.5	22:03:10	600	90	2.0	#122 Halo Star	4	
0089.COMP	10	11:35	12:23:50.5	22:03:10	600	90	2.0	#122 Halo Star	4	
0090.hs2265	468	11:37	12:23:52.5	47:03:46	600	90	2.0	#122 Halo Star	4	
0091.COMP	10	11:46	12:23:52.5	47:03:46	600	90	2.0	#122 Halo Star	4	
0092.hs2266	324	11:47	12:23:58.6	59:07:03	600	90	2.0	#122 Halo Star	4	
0093.COMP	10	11:53	12:23:58.6	59:07:03	600	90	2.0	#122 Halo Star	4	
0094.hs2267	258	11:54	12:24:09.0	21:28:17	600	90	2.0	#122 Halo Star	4	
0095.COMP	10	11:59	12:24:09.0	21:28:17	600	90	2.0	#122 Halo Star	4	

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0096.hs2268	498	12:00	12:24:19.6	44:46:17	600	90	2.0	#122 Halo Star	4	
0097.COMP	10	12:09	12:24:19.6	44:46:17	600	90	2.0	#122 Halo Star	4	
0098.hs2269	186	12:10	12:24:30.4	58:25:51	600	90	2.0	#122 Halo Star	4	
0099.COMP	10	12:14	12:24:30.4	58:25:51	600	90	2.0	#122 Halo Star	4	
0100.hs2270	354	12:15	12:24:42.7	24:37:06	600	90	2.0	#122 Halo Star	4	
0101.COMP	10	12:21	12:24:42.7	24:37:06	600	90	2.0	#122 Halo Star	4	
0102.hs2271	390	12:23	12:24:44.3	41:37:45	600	90	2.0	#122 Halo Star	4	
0103.COMP	10	12:30	12:24:44.3	41:37:45	600	90	2.0	#122 Halo Star	4	
0104.hs2272	168	12:32	12:25:04.5	66:38:39	600	90	2.0	#122 Halo Star	4	
0105.COMP	10	12:35	12:25:04.5	66:38:39	600	90	2.0	#122 Halo Star	4	
0106.hs2273	780	12:36	12:25:23.9	47:47:30	600	90	2.0	#122 Halo Star	4	
0107.COMP	10	12:49	12:25:23.9	47:47:30	600	90	2.0	#122 Halo Star	4	
0108.hs2593	600	12:54	13:54:02.8	59:19:17	600	90	2.0	#122 Halo Star	4	
0109.COMP	10	13:04	13:54:02.8	59:19:17	600	90	2.0	#122 Halo Star	4	
0110.hs2594	420	13:05	13:54:12.6	63:12:05	600	90	2.0	#122 Halo Star	4	
0111.COMP	10	13:13	13:54:12.6	63:12:05	600	90	2.0	#122 Halo Star	4	clouds return
0112-0121.BIAS	0	13:17	13:54:12.6	63:12:05	600	90	2.0	#122 Halo Star	4	
0122-0131.FLAT	24	13:25	13:54:12.6	63:12:05	600	90	2.0	#122 Halo Star	4	
0132-0141.DARK	900	16:02	13:54:12.6	63:12:05	300	90	3.0	#122 Halo Star	2	



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Coll. Focus 1000 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>
0001-0010.DARK	900	2:53	13:54:12.6	63:12:05	300	90	3.0	#122 Halo Star	4	
0011-0020.BIAS	0	3:09	13:54:12.6	63:12:05	300	90	3.0	#122 Halo Star	4	
0021-0030.FLAT	6	3:32	13:54:12.6	63:12:05	300	90	3.0	#122 Halo Star	4	
0031-0040.BIAS	0	3:35	13:54:12.6	63:12:05	300	90	3.0	#122 Halo Star	2	
0041-0050.FLAT	12	3:39	13:54:12.6	63:12:05	300	90	3.0	#122 Halo Star	2	

UT Date 2005-02-06 Observers M CalkinsColl. Focus 1000 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>
0001-0009.DARK	900	1:21	13:54:12.6	63:12:05	300	90	3.0	#122 Halo Star	4	
0010-0019.BIAS	0	6:23	13:54:12.6	63:12:05	300	90	3.0	#122 Halo Star	4	
0020-0029.FLAT	6	6:44	13:54:12.6	63:12:05	300	90	3.0	#122 Halo Star	4	
0030-0039.BIAS	0	6:47	13:54:12.6	63:12:05	300	90	3.0	#122 Halo Star	2	
0040-0049.FLAT	12	6:52	13:54:12.6	63:12:05	300	90	3.0	#122 Halo Star	2	
0050-0059.DARK	900	15:10	13:54:12.6	63:12:05	300	90	3.0	#122 Halo Star	2	

UT Date 2005-02-07 Observers M ModjazColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	21:37	23:37:04.6	+31:28:12	300	90	3.0	#122 Halo Star	4	
0002.DARK	900	21:53	23:52:15.1	+31:28:11	300	90	3.0	#122 Halo Star	4	
0003.DARK	900	22:08	00:07:21.7	+31:28:10	300	90	3.0	#122 Halo Star	4	
0004-0005.DARK	900	22:38	00:37:42.8	+31:28:09	300	90	3.0	#122 Halo Star	4	
0006.DARK	900	22:53	00:52:49.9	+31:28:10	300	90	3.0	#122 Halo Star	4	
0007.DARK	900	23:08	01:08:00.5	+31:28:11	300	90	3.0	#122 Halo Star	4	
0008.DARK	900	23:23	01:23:07.6	+31:28:12	300	90	3.0	#122 Halo Star	4	
0009.DARK	900	23:38	01:38:14.4	+31:28:14	300	90	3.0	#122 Halo Star	4	
0010.DARK	900	23:53	01:53:24.9	+31:28:16	300	90	3.0	#122 Halo Star	4	
0011-0020.BIAS	0	1:23	03:08:01.6	+31:28:33	300	90	3.0	#122 Halo Star	4	
0021-0022.FLAT	8	1:23	03:08:44.9	+31:28:33	300	90	3.0	#122 Halo Star	4	
0023-0030.FLAT	8	1:26	03:11:25.4	+31:28:34	300	90	3.0	#122 Halo Star	4	
0031-0032.BIAS	0	1:27	03:11:55.6	+31:28:34	300	90	3.0	#122 Halo Star	2	
0033-0040.BIAS	0	1:28	03:13:39.3	+31:28:35	300	90	3.0	#122 Halo Star	2	
0041-0043.FLAT	16	1:30	03:15:15.5	+31:28:35	300	90	3.0	#122 Halo Star	2	
0044-0049.FLAT	16	1:33	03:18:17.3	+31:28:36	300	90	3.0	#122 Halo Star	2	
0050-0055.FLAT	16	1:36	03:21:19.3	+31:28:37	300	90	3.0	#122 Halo Star	2	
0056-0061.FLAT	16	1:39	03:24:21.4	+31:28:38	300	90	3.0	#122 Halo Star	2	
0062.COMP	10	2:38	04:23:59.6	+31:29:00	300	90	3.0	#122 Halo Star	2	ArI at correct position

UT Date 2005-02-08 Observers M ModjazColl. Focus 1000 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.COMP	10	1:44	03:32:51.9	+31:28:41	300	90	3.0	#122 Halo Star	2	test
0002.FLAT	16	1:50	03:39:21.9	+31:28:43	300	90	3.0	#122 Halo Star	2	test
0003-0012.BIAS	0	1:52	03:41:18.9	+31:28:44	300	90	3.0	#122 Halo Star	4	
0013-0016.FLAT	8	1:53	03:42:37.8	+31:28:44	300	90	3.0	#122 Halo Star	4	
0017-0022.FLAT	8	1:55	03:44:42.9	+31:28:45	300	90	3.0	#122 Halo Star	4	
0023-0026.BIAS	0	1:56	03:45:35.3	+31:28:45	300	90	3.0	#122 Halo Star	2	
0027-0032.BIAS	0	1:58	03:46:53.1	+31:28:46	300	90	3.0	#122 Halo Star	2	
0033-0035.FLAT	16	1:59	03:48:29.2	+31:28:46	300	90	3.0	#122 Halo Star	2	
0036-0040.FLAT	16	2:02	03:51:00.9	+31:28:47	300	90	3.0	#122 Halo Star	2	
0041-0046.FLAT	16	2:05	03:54:02.9	+31:28:48	300	90	3.0	#122 Halo Star	2	
0047-0051.FLAT	16	2:07	03:56:34.7	+31:28:49	300	90	3.0	#122 Halo Star	2	
0052-0053.FLAT	16	2:08	03:57:35.2	+31:28:50	300	90	3.0	#122 Halo Star	2	

UT Date 2005-02-09 Observers M ModjazColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.COMP	10	0:52	02:44:54.9	+31:28:27	300	90	3.0	#122 Halo Star	2	test
0002.FLAT	16	0:57	02:49:54.3	+31:28:28	300	90	3.0	#122 Halo Star	2	test
0003-0005.BIAS	0	0:58	02:50:58.7	+31:28:28	300	90	3.0	#122 Halo Star	4	
0006-0012.BIAS	0	0:59	02:51:42.6	+31:28:29	300	90	3.0	#122 Halo Star	4	
0013-0020.FLAT	8	1:01	02:54:27.1	+31:28:29	300	90	3.0	#122 Halo Star	4	
0021-0022.FLAT	8	1:02	02:55:06.4	+31:28:30	300	90	3.0	#122 Halo Star	4	
0023-0032.BIAS	0	1:04	02:57:16.5	+31:28:30	300	90	3.0	#122 Halo Star	2	
0033.FLAT	16	1:05	02:57:55.3	+31:28:30	300	90	3.0	#122 Halo Star	2	
0034-0040.FLAT	16	1:08	03:01:27.7	+31:28:31	300	90	3.0	#122 Halo Star	2	
0041-0047.FLAT	16	1:12	03:05:00.1	+31:28:32	300	90	3.0	#122 Halo Star	2	
0048-0053.FLAT	16	1:15	03:07:58.6	+31:28:33	300	90	3.0	#122 Halo Star	2	
0054.Hiltner600	160	3:04	06:42:37.2	02:11:25	300	-38	3.0	#56 Spectropho	2	focus = 388, clouds come and go
0055.COMP	10	3:09	06:42:37.2	02:11:25	300	-38	3.0	#56 Spectropho	2	
0056.Hiltner600	160	3:11	06:42:37.2	02:11:25	300	-38	3.0	#56 Spectropho	2	not enough counts?
0057.COMP	10	3:15	06:42:37.2	02:11:25	300	-38	3.0	#56 Spectropho	2	
0058.Hiltner600	160	3:18	06:42:37.2	02:11:25	300	-34	3.0	#56 Spectropho	4	not enough counts?
0059.COMP	5	3:21	06:42:37.2	02:11:25	300	-34	3.0	#56 Spectropho	4	
0060.GKTau	90	3:33	4:33:34	24:21:18	300	90	3.0	#12 Symbiotic	2	clouds passing
0061.COMP	10	3:36	4:33:34	24:21:18	300	90	3.0	#12 Symbiotic	2	
0062.GKTau	360	3:37	4:33:34	24:21:18	300	90	3.0	#12 Symbiotic	2	

UT Date 2005-02-09 Observers M ModjazColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0063.COMP	10	3:45	4:33:34	24:21:18	300	90	3.0	#12 Symbiotic	2	
0064.GITau	90	3:46	4:33:34	24:21:18	300	90	3.0	#12 Symbiotic	2	
0065.COMP	10	3:48	4:33:34	24:21:18	300	90	3.0	#12 Symbiotic	2	
0066.GITau	360	3:49	4:33:34	24:21:18	300	90	3.0	#12 Symbiotic	2	
0067.COMP	10	3:56	4:33:34	24:21:18	300	90	3.0	#12 Symbiotic	2	
0068.Akn120	360	4:07	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	4	row=36
0069.COMP	5	4:13	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	4	
0070.NGC1700	10	4:17	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	4	
0071.NGC1700	60	4:19	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	4	
0072.COMP	5	4:22	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	4	
0073.NGC1700	120	4:24	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	4	
0074.COMP	5	4:27	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	4	
0075.HD52071	5	4:31	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0076.COMP	5	4:32	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0077.FineFoc	60	4:49	07:02:00.9	31:56:18	300	90	3.0	#57 Velocity S	1	seeing: 2arcsec
0078.2M05411273p0350294	900	4:56	05:41:12.7	+03:50:29	300	90	3.0	#141 Mapping t	2	row=70
0079.COMP	10	5:11	05:41:12.7	+03:50:29	300	90	3.0	#141 Mapping t	2	
0080.2M05353586p0658365	1200	5:18	05:35:35.8	+06:58:36	300	90	3.0	#141 Mapping t	2	
0081.COMP	10	5:39	05:35:35.8	+06:58:36	300	90	3.0	#141 Mapping t	2	
0082.2M05375837p0056559	1200	5:44	05:37:58.3	+00:56:55	300	90	3.0	#141 Mapping t	2	row=73

UT Date 2005-02-09 Observers M ModjazColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0083.COMP	10	6:04	05:37:58.3	+00:56:55	300	90	3.0	#141 Mapping t	2	
0084.GKTau	90	6:12	4:33:34.5	24:21:07	300	90	3.0	#12 Symbiotic	2	
0085.COMP	10	6:14	4:33:34.5	24:21:07	300	90	3.0	#12 Symbiotic	2	
0086.GKTau	300	6:15	4:33:34.5	24:21:07	300	90	3.0	#12 Symbiotic	2	
0087.COMP	10	6:20	4:33:34.5	24:21:07	300	90	3.0	#12 Symbiotic	2	
0088.Hiltner600	60	6:28	06:42:37.2	02:11:25	300	35	3.0	#56 Spectropho	2	
0089.Hiltner600	60	6:29	06:42:37.2	02:11:25	300	35	3.0	#56 Spectropho	2	
0090.COMP	10	6:31	06:42:37.2	02:11:25	300	35	3.0	#56 Spectropho	2	
0091.Hiltner600	90	6:31	06:42:37.2	02:11:25	300	35	3.0	#56 Spectropho	4	
0092.COMP	5	6:33	06:42:37.2	02:11:25	300	35	3.0	#56 Spectropho	4	
0093.cvso-286103	600	6:47	05:58:51.0	-02:32:25	300	90	3.0	#112 Orion PMS	2	
0094.COMP	10	6:58	05:58:51.0	-02:32:25	300	90	3.0	#112 Orion PMS	2	
0095.cvso-264478	720	7:04	05:59:05.8	-03:53:34	300	90	3.0	#112 Orion PMS	2	
0096.COMP	10	7:18	05:59:05.8	-03:53:34	300	90	3.0	#112 Orion PMS	2	
0097.cvso-264546	600	7:22	05:59:09.0	-04:04:56	300	90	3.0	#112 Orion PMS	2	
0098.COMP	10	7:32	05:59:09.0	-04:04:56	300	90	3.0	#112 Orion PMS	2	
0099.sn2005m	1200	7:41	09:37:32.3	+23:12:02	300	0	3.0	#2 SN Observat	2	row=70
0100.COMP	10	8:02	09:37:32.3	+23:12:02	300	0	3.0	#2 SN Observat	2	
0101.FineFoc	60	8:10	09:59:46.6	31:28:16	300	90	3.0	#141 Mapping t	1	seeing 2.2arcsec
0102.N3377	180	8:19	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	

UT Date 2005-02-09 Observers M ModjazColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0103.COMP	5	8:22	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0104.Feige34	150	8:29	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0105.Feige34	150	8:32	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0106.COMP	10	8:35	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0107.N3227	160	8:39	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0108.N3227	160	8:42	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0109.COMP	5	8:46	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0110.MRK421	300	8:49	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0111.MRK421	300	8:54	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0112.MRK421	300	8:59	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0113.COMP	5	9:04	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0114.1314_21	1200	9:15	11:32:54.8	+49:20:24	300	90	3.0	#64 Cluster an	2	seeing is getting worse
0115.COMP	10	9:42	11:32:54.8	+49:20:24	300	90	3.0	#64 Cluster an	2	
0116.1314_23	1200	9:46	11:36:03.8	+49:27:02	300	90	3.0	#64 Cluster an	2	
0117.COMP	10	10:07	11:36:03.8	+49:27:02	300	90	3.0	#64 Cluster an	2	
0118.sn2004gt	1200	10:17	12:01:50.3	-18:52:12	300	7	3.0	#2 SN Observat	2	row=69
0119.COMP	10	10:38	12:01:50.3	-18:52:12	300	7	3.0	#2 SN Observat	2	
0120.sn2004gk	1200	10:56	12:25:33.2	+12:15:39	300	20	3.0	#2 SN Observat	2	
0121.COMP	10	11:17	12:25:33.2	+12:15:39	300	20	3.0	#2 SN Observat	2	clouds rolling through
0122.1631_01	1200	11:24	12:52:27.2	-15:56:11	300	90	3.0	#64 Cluster an	2	

UT Date 2005-02-09 Observers M ModjazColl. Focus 1000 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>
0123.COMP	10	11:45	12:52:27.2	-15:56:11	300	90	3.0	#64 Cluster an	2	
0124-0133.BIAS	0	12:58	15:16:30.1	+06:14:09	300	90	3.0	#56 Spectropho	4	
0134-0143.FLAT	8	13:01	15:16:30.1	+06:14:09	300	90	3.0	#56 Spectropho	4	
0144-0153.BIAS	0	13:03	15:16:30.1	+06:14:09	300	90	3.0	#56 Spectropho	2	
0154-0174.FLAT	16	13:14	15:16:30.1	+06:14:09	300	90	3.0	#56 Spectropho	2	
ewq	0	12:57	15:16:30.1	+06:14:09	300	90	3.0	#56 Spectropho	4	

UT Date 2005-02-10 Observers P BerlindColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.BIAS	0	1:18	03:15:10.0	+31:28:35	300	90	3.0	#64 Cluster an	4	
0011-0020.FLAT	8	1:21	03:18:33.9	+31:28:36	300	90	3.0	#64 Cluster an	4	
0021-0030.BIAS	0	1:24	03:20:44.1	+31:28:37	300	90	3.0	#64 Cluster an	2	
0031.FLAT	16	1:24	03:21:22.8	+31:28:37	300	90	3.0	#64 Cluster an	2	
0032-0038.FLAT	16	1:28	03:24:55.4	+31:28:38	300	90	3.0	#64 Cluster an	2	
0039-0044.FLAT	16	1:31	03:27:54.0	+31:28:39	300	90	3.0	#64 Cluster an	2	
0045-0050.FLAT	16	1:34	03:30:56.1	+31:28:40	300	90	3.0	#64 Cluster an	2	
0051.FLAT	16	1:34	03:31:26.4	+31:28:41	300	90	3.0	#64 Cluster an	2	
0052.DARK	900	6:24	08:36:52.5	+31:30:53	300	90	3.0	#64 Cluster an	4	
0053.DARK	900	6:39	08:52:07.8	+31:30:59	300	90	3.0	#64 Cluster an	4	
0054.DARK	900	6:54	09:07:19.6	+31:31:05	300	90	3.0	#64 Cluster an	4	
0055.DARK	900	7:10	09:22:31.5	+31:31:10	300	90	3.0	#64 Cluster an	4	
0056.DARK	900	7:25	09:37:43.6	+31:31:16	300	90	3.0	#64 Cluster an	4	
0057.DARK	900	7:40	09:52:58.9	+31:31:20	300	90	3.0	#64 Cluster an	4	
0058.DARK	900	7:55	10:08:10.4	+31:31:25	300	90	3.0	#64 Cluster an	4	
0059.DARK	900	8:10	10:23:22.6	+31:31:29	300	90	3.0	#64 Cluster an	4	
0060.DARK	900	8:25	10:38:34.5	+31:31:33	300	90	3.0	#64 Cluster an	4	
0061.DARK	900	8:41	10:53:46.3	+31:31:36	300	90	3.0	#64 Cluster an	4	
0062.DARK	900	8:56	11:09:02.1	+31:31:39	300	90	3.0	#64 Cluster an	2	
0063.DARK	900	9:11	11:24:18.3	+31:31:41	300	90	3.0	#64 Cluster an	2	

UT Date 2005-02-10 Observers P BerlindColl. Focus 1000 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>
0064.DARK	900	9:26	11:39:38.3	+31:31:43	300	90	3.0	#64 Cluster an	2	
0065.DARK	900	9:41	11:54:54.6	+31:31:44	300	90	3.0	#64 Cluster an	2	
0066.DARK	900	9:57	12:10:14.6	+31:31:45	300	90	3.0	#64 Cluster an	2	
0067-0069.DARK	900	10:42	12:56:07.3	+31:31:46	300	90	3.0	#64 Cluster an	2	
0070.DARK	900	10:58	13:11:23.6	+31:31:45	300	90	3.0	#64 Cluster an	2	
0071.DARK	900	11:13	13:26:43.8	+31:31:43	300	90	3.0	#64 Cluster an	2	



UT Date 2005-02-11 Observers P Berlind

Coll. Focus 1000 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>
0001.BIAS	0	5:32	07:33:29.4	+31:30:26	300	90	3.0	#64 Cluster an	2	



UT Date 2005-02-11 Observers P Berlind

Coll. Focus 1000 Grating/Grism 300

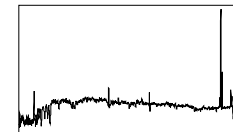
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bir</i>	<i>Comments</i>
0001.BIAS	0	20:15	22:18:49.6	+31:28:28	300	90	3.0	#64 Cluster an	2	



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Coll. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	1:34	03:58:05.5	+31:28:50	300	90	3.0	#64 Cluster an	4	
0002.DARK	900	1:49	04:13:16.4	+31:28:56	300	90	3.0	#64 Cluster an	4	
0003.DARK	900	2:04	04:28:23.8	+31:29:02	300	90	3.0	#64 Cluster an	4	
0004.DARK	900	2:20	04:43:34.2	+31:29:08	300	90	3.0	#64 Cluster an	4	
0005.DARK	900	2:35	04:58:41.5	+31:29:14	300	90	3.0	#64 Cluster an	4	
0006.DARK	900	2:50	05:13:52.5	+31:29:21	300	90	3.0	#64 Cluster an	4	
0007.DARK	900	3:05	05:28:59.6	+31:29:28	300	90	3.0	#64 Cluster an	4	
0008.DARK	900	3:20	05:44:10.5	+31:29:34	300	90	3.0	#64 Cluster an	4	
0009.DARK	900	3:35	05:59:17.8	+31:29:41	300	90	3.0	#64 Cluster an	4	
0010.DARK	900	3:50	06:14:28.9	+31:29:48	300	90	3.0	#64 Cluster an	4	
0011-0012.BIAS	0	6:10	08:19:11.2	+31:30:45	300	90	3.0	#64 Cluster an	4	
0013-0020.BIAS	0	6:10	08:20:03.5	+31:30:46	300	90	3.0	#64 Cluster an	4	
0021-0023.FLAT	6	6:12	08:21:25.9	+31:30:46	300	90	3.0	#64 Cluster an	4	
0024-0030.FLAT	6	6:13	08:22:53.0	+31:30:47	300	90	3.0	#64 Cluster an	4	
0031-0039.BIAS	0	6:17	08:26:16.6	+31:30:48	300	90	3.0	#64 Cluster an	2	
0040.BIAS	0	6:17	08:26:29.7	+31:30:49	300	90	3.0	#64 Cluster an	2	
0041-0045.FLAT	12	6:21	08:31:11.9	+31:30:50	300	90	3.0	#64 Cluster an	2	
0046-0050.FLAT	12	6:23	08:33:13.4	+31:30:51	300	90	3.0	#64 Cluster an	2	
0051.DARK	900	12:38	15:03:30.0	+31:31:24	300	90	3.0	#64 Cluster an	2	
0052.DARK	900	12:53	15:18:46.0	+31:31:20	300	90	3.0	#64 Cluster an	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>Bir</i>	<i>Comments</i>
0053.DARK	900	13:08	15:34:01.8	+31:31:15	300	90	3.0	#64 Cluster an	2	
0054.DARK	900	13:23	15:49:14.2	+31:31:10	300	90	3.0	#64 Cluster an	2	
0055.DARK	900	13:39	16:04:29.9	+31:31:04	300	90	3.0	#64 Cluster an	2	
0056.DARK	900	13:54	16:19:45.8	+31:30:58	300	90	3.0	#64 Cluster an	2	
0057.DARK	900	14:09	16:35:01.6	+31:30:52	300	90	3.0	#64 Cluster an	2	
0058.DARK	900	14:24	16:50:17.2	+31:30:46	300	90	3.0	#64 Cluster an	2	
0059.DARK	900	14:39	17:05:29.7	+31:30:39	300	90	3.0	#64 Cluster an	2	
0060.DARK	900	14:55	17:20:45.4	+31:30:32	300	90	3.0	#64 Cluster an	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	22:45	01:12:56.1	+31:28:12	300	90	3.0	#64 Cluster an	4	
0002.DARK	900	23:01	01:28:03.4	+31:28:13	300	90	3.0	#64 Cluster an	4	
0003.DARK	900	23:16	01:43:14.0	+31:28:15	300	90	3.0	#64 Cluster an	4	
0004.DARK	900	23:31	01:58:21.1	+31:28:17	300	90	3.0	#64 Cluster an	4	
0005.DARK	900	23:46	02:13:31.6	+31:28:20	300	90	3.0	#64 Cluster an	4	
0006.DARK	900	0:01	02:28:38.6	+31:28:23	300	90	3.0	#64 Cluster an	4	
0007.DARK	900	0:16	02:43:49.3	+31:28:27	300	90	3.0	#64 Cluster an	4	
0008.DARK	900	0:31	02:58:56.2	+31:28:31	300	90	3.0	#64 Cluster an	4	
0009.DARK	900	0:46	03:14:07.1	+31:28:35	300	90	3.0	#64 Cluster an	4	
0010.DARK	900	1:01	03:29:14.4	+31:28:40	300	90	3.0	#64 Cluster an	4	
0011-0019.BIAS	0	1:18	03:30:28.1	+31:28:40	300	90	3.0	#64 Cluster an	4	
0020.BIAS	0	1:18	03:30:36.4	+31:28:41	300	90	3.0	#64 Cluster an	4	
0021-0027.FLAT	6	1:21	03:33:30.4	+31:28:41	300	90	3.0	#64 Cluster an	4	
0028-0030.FLAT	6	1:21	03:34:09.6	+31:28:42	300	90	3.0	#64 Cluster an	4	
0031-0036.BIAS	0	1:27	03:39:22.2	+31:28:43	300	90	3.0	#64 Cluster an	2	
0037-0040.BIAS	0	1:27	03:40:14.0	+31:28:44	300	90	3.0	#64 Cluster an	2	
0041-0047.FLAT	12	1:35	03:48:02.9	+31:28:46	300	90	3.0	#64 Cluster an	2	
0048-0050.FLAT	12	1:36	03:49:16.7	+31:28:47	300	90	3.0	#64 Cluster an	2	
0051.Feige24	240	1:53	02:32:31.0	03:30:51	300	90	3.0	#56 Spectropho	4	saturated, get again, ID?
0052.COMP	5	1:57	02:32:31.0	03:30:51	300	90	3.0	#56 Spectropho	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0053.Feige24	150	1:58	02:32:31.0	03:30:51	300	90	3.0	#56 Spectropho	4	pointing issues
0054.COMP	5	2:01	02:32:31.0	03:30:51	300	90	3.0	#56 Spectropho	4	
0055.Feige24	120	2:02	02:32:31.0	03:30:51	300	38	3.0	#56 Spectropho	2	
0056.COMP	12	2:04	02:32:31.0	03:30:51	300	38	3.0	#56 Spectropho	2	
0057.sn2004gv	1200	2:36	02:13:37.4	-00:43:05	300	40	3.0	#2 SN Observat	2	row=75
0058.sn2004gv	1200	2:56	02:13:37.4	-00:43:05	300	40	3.0	#2 SN Observat	2	
0059.COMP	12	3:16	02:13:37.4	-00:43:05	300	40	3.0	#2 SN Observat	2	
0060.sn2004gq	1500	3:20	05:12:04.8	-15:40:54	300	6	3.0	#2 SN Observat	2	
0061.COMP	12	3:45	05:12:04.8	-15:40:54	300	6	3.0	#2 SN Observat	2	
0062.Hiltner600	70	3:52	06:42:37.2	02:11:25	300	-19	3.0	#56 Spectropho	2	
0063.Hiltner600	70	3:54	06:42:37.2	02:11:25	300	-19	3.0	#56 Spectropho	2	
0064.COMP	12	3:55	06:42:37.2	02:11:25	300	-19	3.0	#56 Spectropho	2	
0065.BGGem	300	3:58	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0066.COMP	12	4:04	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0067.BGGem	1200	4:04	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0068.COMP	12	4:25	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0069.NGC1700	120	4:26	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	2	
0070.COMP	12	4:29	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	2	
0071.hs3674	294	4:47	3:38:08.8	9:17:46	600	90	2.0	#122 Halo Star	4	2arcsec, 600L, itlt=440
0072.COMP	10	4:52	3:38:08.8	9:17:46	600	90	2.0	#122 Halo Star	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0073.hs3675	252	4:53	3:39:30.2	8:11:25	600	90	2.0	#122 Halo Star	4	
0074.COMP	10	4:58	3:39:30.2	8:11:25	600	90	2.0	#122 Halo Star	4	
0075.hs3676	234	4:59	3:40:11.8	6:14:14	600	90	2.0	#122 Halo Star	4	
0076.COMP	10	5:03	3:40:11.8	6:14:14	600	90	2.0	#122 Halo Star	4	
0077.hs3673	720	5:04	3:37:54.9	7:38:14	600	90	2.0	#122 Halo Star	4	faint - not of interest
0078.COMP	10	5:17	3:37:54.9	7:38:14	600	90	2.0	#122 Halo Star	4	
0079.hs3677	480	5:18	3:41:04.7	8:52:47	600	90	2.0	#122 Halo Star	4	
0080.COMP	10	5:26	3:41:04.7	8:52:47	600	90	2.0	#122 Halo Star	4	
0081.hs3678	204	5:27	3:41:26.6	8:37:20	600	90	2.0	#122 Halo Star	4	
0082.COMP	10	5:31	3:41:26.6	8:37:20	600	90	2.0	#122 Halo Star	4	
0083.hs3679	276	5:32	3:41:45.5	6:31:26	600	90	2.0	#122 Halo Star	4	
0084.COMP	10	5:37	3:41:45.5	6:31:26	600	90	2.0	#122 Halo Star	4	
0085.hs3680	480	5:38	3:42:53.8	6:20:43	600	90	2.0	#122 Halo Star	4	
0086.COMP	10	5:46	3:42:53.8	6:20:43	600	90	2.0	#122 Halo Star	4	
0087.hs3681	222	5:47	3:43:42.2	8:25:21	600	90	2.0	#122 Halo Star	4	
0088.COMP	10	5:52	3:43:42.2	8:25:21	600	90	2.0	#122 Halo Star	4	
0089.hs3682	180	5:53	3:45:14.8	7:03:55	600	90	2.0	#122 Halo Star	4	
0090.COMP	10	5:56	3:45:14.8	7:03:55	600	90	2.0	#122 Halo Star	4	
0091.hs3683	540	5:57	3:46:12.0	7:26:42	600	90	2.0	#122 Halo Star	4	
0092.COMP	10	6:06	3:46:12.0	7:26:42	600	90	2.0	#122 Halo Star	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0093.Feige34	70	6:09	10:36:41.2	43:21:50	600	90	2.0	#56 Spectropho	4	
0094.COMP	10	6:11	10:36:41.2	43:21:50	600	90	2.0	#56 Spectropho	4	
0095-0104.FLAT	24	6:18	10:36:41.2	43:21:50	600	90	2.0	#57 Velocity S	4	
0105.sn2005m	1200	6:33	09:37:32.3	+23:12:02	300	-40	3.0	#2 SN Observat	2	combo setup
0106.COMP	12	6:53	09:37:32.3	+23:12:02	300	-40	3.0	#2 SN Observat	2	
0107.Feige34	70	6:57	10:36:41.2	43:21:50	300	65	3.0	#56 Spectropho	2	
0108.COMP	12	6:59	10:36:41.2	43:21:50	300	65	3.0	#56 Spectropho	2	
0109.COMP	12	7:02	11:18:10.9	48:02:12	300	0	3.0	#149 Black Hol	2	
0110.XTEJ1118p480	300	7:03	11:18:10.9	48:02:12	300	0	3.0	#149 Black Hol	2	
0111.XTEJ1118p480	300	7:08	11:18:10.9	48:02:12	300	0	3.0	#149 Black Hol	2	
0112.XTEJ1118p480	300	7:13	11:18:10.9	48:02:12	300	0	3.0	#149 Black Hol	2	
0113.XTEJ1118p480	300	7:18	11:18:10.9	48:02:12	300	0	3.0	#149 Black Hol	2	
0114.XTEJ1118p480	300	7:24	11:18:10.9	48:02:12	300	0	3.0	#149 Black Hol	2	
0115.XTEJ1118p480	300	7:29	11:18:10.9	48:02:12	300	0	3.0	#149 Black Hol	2	
0116.COMP	12	7:34	11:18:10.9	48:02:12	300	0	3.0	#149 Black Hol	2	
0117.XTEJ1118p480	450	7:35	11:18:10.9	48:02:12	300	0	3.0	#149 Black Hol	2	
0118.XTEJ1118p480	450	7:43	11:18:10.9	48:02:12	300	0	3.0	#149 Black Hol	2	
0119.XTEJ1118p480	450	7:51	11:18:10.9	48:02:12	300	0	3.0	#149 Black Hol	2	
0120.XTEJ1118p480	450	7:58	11:18:10.9	48:02:12	300	0	3.0	#149 Black Hol	2	
0121.COMP	12	8:07	11:18:10.9	48:02:12	300	0	3.0	#149 Black Hol	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0122.XTEJ1118p480	450	8:08	11:18:10.9	48:02:12	300	0	3.0	#149 Black Hol	2	
0123.XTEJ1118p480	450	8:16	11:18:10.9	48:02:12	300	0	3.0	#149 Black Hol	2	thin clouds...
0124.XTEJ1118p480	450	8:23	11:18:10.9	48:02:12	300	0	3.0	#149 Black Hol	2	
0125.XTEJ1118p480	600	8:31	11:18:10.9	48:02:12	300	0	3.0	#149 Black Hol	2	
0126.COMP	12	8:42	11:18:10.9	48:02:12	300	0	3.0	#149 Black Hol	2	wait out clouds...
0127.XTEJ1118p480	600	8:44	11:18:10.9	48:02:12	300	0	3.0	#149 Black Hol	2	
0128.XTEJ1118p480	600	8:54	11:18:10.9	48:02:12	300	0	3.0	#149 Black Hol	2	
0129.XTEJ1118p480	600	9:05	11:18:10.9	48:02:12	300	0	3.0	#149 Black Hol	2	
0130.COMP	12	9:15	11:18:10.9	48:02:12	300	0	3.0	#149 Black Hol	2	
0131.XTEJ1118p480	600	9:17	11:18:10.9	48:02:12	300	0	3.0	#149 Black Hol	2	
0132.XTEJ1118p480	600	9:27	11:18:10.9	48:02:12	300	0	3.0	#149 Black Hol	2	
0133.XTEJ1118p480	600	9:37	11:18:10.9	48:02:12	300	0	3.0	#149 Black Hol	2	
0134.COMP	12	9:48	11:18:10.9	48:02:12	300	0	3.0	#149 Black Hol	2	
0135.XTEJ1118p480	600	9:48	11:18:10.9	48:02:12	300	0	3.0	#149 Black Hol	2	
0136.XTEJ1118p480	600	9:59	11:18:10.9	48:02:12	300	0	3.0	#149 Black Hol	2	
0137.XTEJ1118p480	600	10:09	11:18:10.9	48:02:12	300	0	3.0	#149 Black Hol	2	
0138.COMP	12	10:20	11:18:10.9	48:02:12	300	0	3.0	#149 Black Hol	2	
0139.XTEJ1118p480	600	10:20	11:18:10.9	48:02:12	300	0	3.0	#149 Black Hol	2	
0140.XTEJ1118p480	600	10:31	11:18:10.9	48:02:12	300	0	3.0	#149 Black Hol	2	
0141.XTEJ1118p480	600	10:41	11:18:10.9	48:02:12	300	0	3.0	#149 Black Hol	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0142.COMP	12	10:53	11:18:10.9	48:02:12	300	0	3.0	#149 Black Hol	2	
0143.XTEJ1118p480	600	10:54	11:18:10.9	48:02:12	300	0	3.0	#149 Black Hol	2	
0144.XTEJ1118p480	600	11:04	11:18:10.9	48:02:12	300	0	3.0	#149 Black Hol	2	
0145.XTEJ1118p480	600	11:23	11:18:10.9	48:02:12	300	0	3.0	#149 Black Hol	2	
0146.COMP	12	11:34	11:18:10.9	48:02:12	300	0	3.0	#149 Black Hol	2	
0147.1314_22	1200	11:55	11:37:19.5	+49:24:54	300	90	3.0	#64 Cluster an	2	fighting clouds...! try for more...
0148.1314_22	1200	12:15	11:37:19.5	+49:24:54	300	90	3.0	#64 Cluster an	2	
0149.COMP	12	12:36	11:37:19.5	+49:24:54	300	90	3.0	#64 Cluster an	2	in and out of clouds
0150.BDp332642	60	12:45	15:50:03.0	33:05:49	300	87	3.0	#56 Spectropho	2	
0151.BDp332642	120	12:46	15:50:03.0	33:05:49	300	87	3.0	#56 Spectropho	2	
0152.COMP	12	12:49	15:50:03.0	33:05:49	300	87	3.0	#56 Spectropho	2	wait out clouds....
0153.TXCVn	12	13:08	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0154.TXCVn	35	13:09	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0155.COMP	12	13:10	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0156.RWHya	4	13:12	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0157.RWHya	15	13:13	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0158.RWHya	35	13:13	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0159.COMP	12	13:15	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0160-0169.BIAS	0	13:20	15:59:30	25:55:12	300	90	3.0	#149 Black Hol	4	
0170-0179.FLAT	6	13:23	15:59:30	25:55:12	300	90	3.0	#149 Black Hol	4	

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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>Bir</i>	<i>Comments</i>
0180-0189.BIAS	0	13:25	15:59:30	25:55:12	300	90	3.0	#149 Black Hol	2	
0190-0199.FLAT	12	13:30	15:59:30	25:55:12	300	90	3.0	#149 Black Hol	2	
0200-0209.DARK	900	15:54	15:59:30	25:55:12	300	90	3.0	#149 Black Hol	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.DARK	900	0:34	15:59:30	25:55:12	300	90	3.0	#149 Black Hol	4	
0011-0020.BIAS	0	4:02	15:59:30	25:55:12	300	90	3.0	#149 Black Hol	4	
0021-0030.FLAT	6	4:05	15:59:30	25:55:12	300	90	3.0	#149 Black Hol	4	
0031-0040.BIAS	0	5:28	15:59:30	25:55:12	300	90	3.0	#149 Black Hol	2	
0041-0050.FLAT	12	5:33	15:59:30	25:55:12	300	90	3.0	#149 Black Hol	2	
0051.BDp332642	120	12:22	15:50:03.0	33:05:49	300	90	3.0	#56 Spectropho	2	
0052.COMP	12	12:24	15:50:03.0	33:05:49	300	90	3.0	#56 Spectropho	2	
0053.sn2004gk	600	12:28	12:25:33.2	+12:15:39	300	53	3.0	#2 SN Observat	2	futile effort
0054.COMP	12	12:39	12:25:33.2	+12:15:39	300	53	3.0	#2 SN Observat	2	
0055.N4151	60	12:42	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0056.N4151	60	12:44	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0057.COMP	12	12:46	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0058-0067.DARK	900	15:16	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	

UT Date 2005-02-16 Observers P BerlindColl. Focus 1000 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>
0001-0010.BIAS	0	2:03	04:24:07.4	+31:29:00	300	90	3.0	#6 AGN Monitor	4	
0011-0013.FLAT	8	2:04	04:25:08.2	+31:29:00	300	90	3.0	#6 AGN Monitor	4	
0014-0020.FLAT	8	2:07	04:27:31.0	+31:29:01	300	90	3.0	#6 AGN Monitor	4	
0021.BIAS	0	2:07	04:27:48.3	+31:29:01	300	90	3.0	#6 AGN Monitor	2	
0022-0030.BIAS	0	2:09	04:29:41.2	+31:29:02	300	90	3.0	#6 AGN Monitor	2	
0031.FLAT	16	2:09	04:30:20.0	+31:29:02	300	90	3.0	#6 AGN Monitor	2	
0032-0036.FLAT	16	2:12	04:32:51.9	+31:29:03	300	90	3.0	#6 AGN Monitor	2	
0037-0041.FLAT	16	2:14	04:35:23.6	+31:29:04	300	90	3.0	#6 AGN Monitor	2	
0042-0045.FLAT	16	2:16	04:37:24.9	+31:29:05	300	90	3.0	#6 AGN Monitor	2	
0046-0050.FLAT	16	2:19	04:39:56.7	+31:29:06	300	90	3.0	#6 AGN Monitor	2	
0051.FLAT	16	2:19	04:40:23.5	+31:29:07	300	90	3.0	#6 AGN Monitor	2	

UT Date 2005-02-17 Observers P BerlindColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.BIAS	0	0:38	03:02:13.6	+31:28:32	300	90	3.0	#6 AGN Monitor	4	
0011-0013.FLAT	8	0:39	03:03:18.3	+31:28:32	300	90	3.0	#6 AGN Monitor	4	
0014-0020.FLAT	8	0:41	03:05:37.5	+31:28:33	300	90	3.0	#6 AGN Monitor	4	
0021-0025.BIAS	0	0:42	03:06:46.8	+31:28:33	300	90	3.0	#6 AGN Monitor	2	
0026-0030.BIAS	0	0:43	03:07:51.5	+31:28:34	300	90	3.0	#6 AGN Monitor	2	
0031-0034.FLAT	16	0:45	03:09:57.8	+31:28:34	300	90	3.0	#6 AGN Monitor	2	
0035-0041.FLAT	16	0:49	03:13:30.3	+31:28:35	300	90	3.0	#6 AGN Monitor	2	
0042-0048.FLAT	16	0:52	03:17:02.7	+31:28:36	300	90	3.0	#6 AGN Monitor	2	
0049-0051.FLAT	16	0:54	03:18:33.7	+31:28:37	300	90	3.0	#6 AGN Monitor	2	
0052.DARK	900	1:03	03:42:38.1	+31:28:45	300	90	3.0	#6 AGN Monitor	4	
0053.DARK	900	1:18	03:57:48.8	+31:28:50	300	90	3.0	#6 AGN Monitor	4	
0054.DARK	900	1:33	04:13:03.5	+31:28:56	300	90	3.0	#6 AGN Monitor	4	
0055.DARK	900	1:49	04:28:14.5	+31:29:02	300	90	3.0	#6 AGN Monitor	4	
0056.DARK	900	2:04	04:43:25.7	+31:29:08	300	90	3.0	#6 AGN Monitor	4	
0057.DARK	900	2:19	04:58:40.6	+31:29:14	300	90	3.0	#6 AGN Monitor	4	
0058.DARK	900	2:34	05:13:51.5	+31:29:21	300	90	3.0	#6 AGN Monitor	4	
0059.DARK	900	2:49	05:29:02.9	+31:29:28	300	90	3.0	#6 AGN Monitor	4	
0060.DARK	900	3:04	05:44:17.7	+31:29:34	300	90	3.0	#6 AGN Monitor	4	
0061.DARK	900	3:20	05:59:28.7	+31:29:41	300	90	3.0	#6 AGN Monitor	4	
0062.DARK	900	3:35	06:14:43.5	+31:29:49	300	90	3.0	#6 AGN Monitor	2	

UT Date 2005-02-17 Observers P BerlindColl. Focus 1000 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>
0063.DARK	900	3:50	06:29:59.3	+31:29:56	300	90	3.0	#6 AGN Monitor	2	
0064.DARK	900	4:05	06:45:18.1	+31:30:03	300	90	3.0	#6 AGN Monitor	2	
0065.DARK	900	4:20	07:00:33.9	+31:30:10	300	90	3.0	#6 AGN Monitor	2	
0066.DARK	900	4:36	07:15:53.0	+31:30:17	300	90	3.0	#6 AGN Monitor	2	
0067.DARK	900	4:51	07:31:08.8	+31:30:24	300	90	3.0	#6 AGN Monitor	2	
0068.DARK	900	5:06	07:46:28.0	+31:30:31	300	90	3.0	#6 AGN Monitor	2	
0069.DARK	900	5:21	08:01:47.6	+31:30:38	300	90	3.0	#6 AGN Monitor	2	
0070.DARK	900	5:37	08:17:03.6	+31:30:44	300	90	3.0	#6 AGN Monitor	2	
0071.DARK	900	5:52	08:32:19.7	+31:30:51	300	90	3.0	#6 AGN Monitor	2	

UT Date 2005-02-18 Observers P BerlindColl. Focus 1000 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>
0001.BIAS	0	0:33	03:01:42.7	+31:28:32	300	90	3.0	#6 AGN Monitor	2	

UT Date 2005-03-01 Observers H HaoColl. Focus 1015 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	23:41	03:08:10.5	+31:28:35	300	90	3.0	#6 AGN Monitor	4	
0002.DARK	900	23:57	03:23:21.0	+31:28:39	300	90	3.0	#6 AGN Monitor	4	
0003.DARK	900	0:12	03:38:27.8	+31:28:44	300	90	3.0	#6 AGN Monitor	4	
0004.DARK	900	0:27	03:53:38.1	+31:28:49	300	90	3.0	#6 AGN Monitor	4	
0005.DARK	900	0:42	04:08:44.9	+31:28:54	300	90	3.0	#6 AGN Monitor	4	
0006.DARK	900	0:57	04:23:54.9	+31:29:00	300	90	3.0	#6 AGN Monitor	4	
0007.DARK	900	1:12	04:39:05.1	+31:29:06	300	90	3.0	#6 AGN Monitor	4	
0008-0017.BIAS	0	2:07	05:19:17.1	+31:29:23	600	90	2.0	#6 AGN Monitor	4	
0018.FLAT	24	2:08	05:20:39.3	+31:29:24	600	90	2.0	#6 AGN Monitor	4	
0019-0021.FLAT	24	2:13	05:25:03.8	+31:29:25	600	90	2.0	#6 AGN Monitor	4	
0022-0025.FLAT	24	2:15	05:27:05.4	+31:29:26	600	90	2.0	#6 AGN Monitor	4	
0026-0027.FLAT	24	2:16	05:28:06.3	+31:29:27	600	90	2.0	#6 AGN Monitor	4	
0028.hs3524	600	2:27	2:27:55.1	14:18:48	600	90	2.0	#122 Halo Star	4	Warren
0029.COMP	10	2:38	2:27:55.1	14:18:48	600	90	2.0	#122 Halo Star	4	
0030.hs3525	200	2:41	2:28:07.5	10:44:16	600	90	2.0	#122 Halo Star	4	
0031.COMP	10	2:46	2:28:07.5	10:44:16	600	90	2.0	#122 Halo Star	4	
0032.hs3526	400	2:48	2:28:42.1	8:19:06	600	90	2.0	#122 Halo Star	4	
0033.COMP	10	2:55	2:28:42.1	8:19:06	600	90	2.0	#122 Halo Star	4	
0034.hs3527	300	2:58	2:28:52.0	8:35:16	600	90	2.0	#122 Halo Star	4	
0035.COMP	10	3:03	2:28:52.0	8:35:16	600	90	2.0	#122 Halo Star	4	

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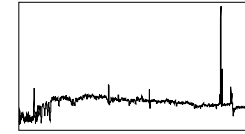
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0036.hs3528	168	3:05	2:28:56.7	14:18:13	600	90	2.0	#122 Halo Star	4	
0037.COMP	10	3:08	2:28:56.7	14:18:13	600	90	2.0	#122 Halo Star	4	
0038.hs3529	216	3:10	2:30:16.6	5:15:50	600	90	2.0	#122 Halo Star	4	
0039.COMP	10	3:14	2:30:16.6	5:15:50	600	90	2.0	#122 Halo Star	4	
0040.Hiltner600	70	3:16	06:42:37.2	02:11:25	600	90	2.0	#56 Spectropho	4	
0041.COMP	10	3:18	06:42:37.2	02:11:25	600	90	2.0	#56 Spectropho	4	
0042.sn2004gq	1200	3:43	05:12:04.8	-15:40:54	300	27	3.0	#2 SN Observat	2	combpo setup, row=83
0043.COMP	12	4:03	05:12:04.8	-15:40:54	300	27	3.0	#2 SN Observat	2	
0044.G191B2B	150	4:10	05:01:31.5	52:45:52	300	110	3.0	#56 Spectropho	2	
0045.COMP	12	4:13	05:01:31.5	52:45:52	300	110	3.0	#56 Spectropho	2	
0046.Hiltner600	45	4:18	06:42:37.2	02:11:25	300	40	3.0	#56 Spectropho	2	
0047.COMP	12	4:19	06:42:37.2	02:11:25	300	40	3.0	#56 Spectropho	2	
0048-0057.BIAS	0	4:25	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0058-0077.FLAT	12	4:35	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0078.BGGem	300	4:40	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0079.COMP	12	4:46	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0080.BGGem	1200	4:47	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0081.COMP	12	5:08	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0082.BXMon	15	5:11	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0083.BXMon	180	5:11	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	2	

UT Date 2005-03-01 Observers H HaoColl. Focus 1015 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0084.COMP	12	5:15	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0085.XS02545B7_024	780	5:32	7:37:3.0	-9:35:45	300	90	3.0	#152 ChaMPlane	2	
0086.COMP	12	5:46	7:37:3.0	-9:35:45	300	90	3.0	#152 ChaMPlane	2	
0087.XS02545B7_016	720	5:48	7:37:19.2	-9:38:29	300	100	3.0	#152 ChaMPlane	2	
0088.COMP	12	6:01	7:37:19.2	-9:38:29	300	100	3.0	#152 ChaMPlane	2	
0089.XS02545B7_028	720	6:04	7:37:12.5	-9:35:37	300	100	3.0	#152 ChaMPlane	2	
0090.COMP	12	6:16	7:37:12.5	-9:35:37	300	100	3.0	#152 ChaMPlane	2	
0091.XS02545B6_002	720	6:21	7:37:34.9	-9:41:7	300	100	3.0	#152 ChaMPlane	2	
0092.COMP	12	6:34	7:37:34.9	-9:41:7	300	100	3.0	#152 ChaMPlane	2	
0093.XS02545B6_017	1020	6:39	7:37:43.6	-9:44:19	300	90	3.0	#152 ChaMPlane	2	
0094.XS02545B6_017	1020	6:56	7:37:43.6	-9:44:19	300	90	3.0	#152 ChaMPlane	2	
0095.COMP	12	7:14	7:37:43.6	-9:44:19	300	90	3.0	#152 ChaMPlane	2	
0096.sn2005m	1200	7:18	09:37:32.3	+23:12:02	300	50	3.0	#2 SN Observat	2	row=84
0097.COMP	12	7:39	09:37:32.3	+23:12:02	300	50	3.0	#2 SN Observat	2	
0098.N3227	150	7:42	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0099.N3227	150	7:45	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0100.COMP	12	7:48	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0101.MRK421	300	7:49	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0102.MRK421	300	7:55	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0103.MRK421	300	8:00	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0104.COMP	12	8:05	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0105.N4051	150	8:08	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0106.N4051	150	8:10	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0107.N4051	150	8:13	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0108.COMP	12	8:16	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0109.N4151	30	8:18	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0110.N4151	30	8:19	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0111.COMP	12	8:20	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0112.sn2004gk	1200	8:28	12:25:33.2	+12:15:39	300	-21	3.0	#2 SN Observat	2	
0113.COMP	12	8:49	12:25:33.2	+12:15:39	300	-21	3.0	#2 SN Observat	2	
0114.hs2274	318	9:06	12:25:24.8	79:14:01	600	90	2.0	#122 Halo Star	4	
0115.COMP	10	9:15	12:25:24.8	79:14:01	600	90	2.0	#122 Halo Star	4	
0116.hs2275	228	9:18	12:25:37.4	40:42:48	600	90	2.0	#122 Halo Star	4	
0117.COMP	10	9:22	12:25:37.4	40:42:48	600	90	2.0	#122 Halo Star	4	
0118.hs2276	348	9:25	12:25:37.7	81:07:29	600	90	2.0	#122 Halo Star	4	
0119.COMP	10	9:31	12:25:37.7	81:07:29	600	90	2.0	#122 Halo Star	4	
0120.hs2277	660	9:33	12:25:47.9	79:31:18	600	90	2.0	#122 Halo Star	4	
0121.COMP	10	9:44	12:25:47.9	79:31:18	600	90	2.0	#122 Halo Star	4	
0122.hs2278	342	9:46	12:26:07.6	26:29:48	600	90	2.0	#122 Halo Star	4	
0123.COMP	10	9:52	12:26:07.6	26:29:48	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
0124.hs2279	336	9:53	12:26:10.2	30:07:12	600	90	2.0	#122 Halo Star	4	
0125.COMP	10	9:59	12:26:10.2	30:07:12	600	90	2.0	#122 Halo Star	4	
0126.hs2280	288	10:01	12:26:17.0	77:43:12	600	90	2.0	#122 Halo Star	4	
0127.COMP	10	10:06	12:26:17.0	77:43:12	600	90	2.0	#122 Halo Star	4	
0128.hs2281	324	10:08	12:26:17.9	71:36:08	600	90	2.0	#122 Halo Star	4	
0129.COMP	10	10:13	12:26:17.9	71:36:08	600	90	2.0	#122 Halo Star	4	
0130.hs2282	306	10:15	12:26:31.2	78:53:42	600	90	2.0	#122 Halo Star	4	
0131.COMP	10	10:20	12:26:31.2	78:53:42	600	90	2.0	#122 Halo Star	4	
0132.hs2283	444	10:21	12:26:37.2	74:13:31	600	90	2.0	#122 Halo Star	4	
0133.COMP	10	10:29	12:26:37.2	74:13:31	600	90	2.0	#122 Halo Star	4	
0134.hs2284	498	10:30	12:26:55.5	72:54:50	600	90	2.0	#122 Halo Star	4	
0135.COMP	10	10:39	12:26:55.5	72:54:50	600	90	2.0	#122 Halo Star	4	
0136.hs2285	606	10:40	12:27:29.3	33:25:17	600	90	2.0	#122 Halo Star	4	
0137.COMP	10	10:51	12:27:29.3	33:25:17	600	90	2.0	#122 Halo Star	4	
0138.hs2286	282	10:52	12:27:29.8	52:29:28	600	90	2.0	#122 Halo Star	4	
0139.COMP	10	10:58	12:27:29.8	52:29:28	600	90	2.0	#122 Halo Star	4	
0140-0149.FLAT	24	11:04	12:27:29.8	52:29:28	600	90	2.0	#122 Halo Star	4	
0150.MRK279	120	11:12	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0151.MRK279	120	11:14	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0152.COMP	12	11:16	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0153.N5548	150	11:19	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0154.N5548	150	11:21	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0155.N5548	150	11:24	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0156.COMP	12	11:27	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0157.BDp332642	70	11:29	15:50:03.0	33:05:49	300	90	3.0	#56 Spectropho	2	
0158.COMP	12	11:30	15:50:03.0	33:05:49	300	90	3.0	#56 Spectropho	2	
0159.2052_02	1020	11:34	15:16:45.6	+06:16:07	300	90	3.0	#64 Cluster an	2	
0160.COMP	12	11:51	15:16:45.6	+06:16:07	300	90	3.0	#64 Cluster an	2	
0161.2052_03	900	11:55	15:18:22.9	+06:19:45	300	90	3.0	#64 Cluster an	2	
0162.COMP	12	12:10	15:18:22.9	+06:19:45	300	90	3.0	#64 Cluster an	2	
0163.TXCVn	10	12:14	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0164.TXCVn	30	12:14	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0165.COMP	12	12:15	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0166.RWHya	2	12:18	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0167.RWHya	10	12:19	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0168.RWHya	20	12:19	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0169.COMP	12	12:20	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0170.TCrB	15	12:23	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0171.TCrB	60	12:24	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0172.COMP	12	12:26	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	

UT Date 2005-03-01 Observers H HaoColl. Focus 1015 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0173.AGDra	2	12:29	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0174.AGDra	15	12:30	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0175.AGDra	45	12:31	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0176.COMP	12	12:32	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0177.DracoC1	1200	12:37	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	2	
0178.COMP	12	12:58	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	2	
0179.RSOph	10	13:00	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0180.RSOph	60	13:01	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0181.RSOph	150	13:02	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0182.COMP	12	13:05	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0183-0187.sky	2	13:35	17:50:13	-06:42:30	300	90	3.0	#57 Velocity S	4	
0188.COMP	5	13:35	17:50:13	-06:42:30	300	90	3.0	#57 Velocity S	4	
0189-0198.BIAS	0	13:37	17:50:13	-06:42:30	300	90	3.0	#57 Velocity S	4	
0199-0208.FLAT	6	13:39	17:50:13	-06:42:30	300	90	3.0	#57 Velocity S	4	
0209-0218.BIAS	0	13:41	17:50:13	-06:42:30	300	90	3.0	#57 Velocity S	2	
0219-0238.FLAT	12	13:50	17:50:13	-06:42:30	300	90	3.0	#57 Velocity S	2	
0239-0248.DARK	900	16:08	17:50:13	-06:42:30	300	90	3.0	#57 Velocity S	2	