

UT Date 2001-12-04 Observers P BerlindColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	23:07	20:49:46.0	31:29:53	300	90	3.0	#122 Halo Star	4	
0002.DARK	900	23:07	21:04:57.0	31:29:51	300	90	3.0	#122 Halo Star	4	
0003.DARK	900	23:07	21:20:04.0	31:29:50	300	90	3.0	#122 Halo Star	4	
0004.DARK	900	23:07	21:35:16.0	31:29:48	300	90	3.0	#122 Halo Star	4	
0005.DARK	900	23:07	21:50:27.0	31:29:47	300	90	3.0	#122 Halo Star	4	
0006-0019.BIAS	0	0:25	21:53:12.0	31:29:47	300	90	3.0	#122 Halo Star	4	
0020.BIAS	0	0:25	21:53:21.0	31:29:46	300	90	3.0	#122 Halo Star	4	
0021.FLAT	8	0:25	21:54:21.0	31:29:46	300	90	3.0	#122 Halo Star	4	clouds to far west
0022-0030.FLAT	8	0:29	21:56:44.0	31:29:46	300	90	3.0	#122 Halo Star	4	
0031-0040.BIAS	0	0:32	21:59:32.0	31:29:46	300	90	3.0	#122 Halo Star	2	
0041-0050.FLAT	16	0:36	22:04:32.0	31:29:46	300	90	3.0	#122 Halo Star	2	
0051-0055.sky	4	0:39	22:07:01.0	31:29:45	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	0:39	22:07:48.0	31:29:45	300	90	3.0	#57 Velocity S	4	
0057.BDp284211	90	0:39	21:48:57.1	28:37:48	300	74	3.0	#56 Spectropho	2	
0058.BDp284211	90	0:39	21:48:57.1	28:37:48	300	74	3.0	#56 Spectropho	2	
0059.COMP	10	0:39	21:48:57.1	28:37:48	300	74	3.0	#56 Spectropho	2	
0060.ZAnd	1	0:39	23:33:40	48:49:06	300	74	3.0	#12 Symbiotic	4	
0061.ZAnd	3	0:39	23:33:40	48:49:06	300	74	3.0	#12 Symbiotic	4	
0062.ZAnd	5	0:39	23:33:40	48:49:06	300	74	3.0	#12 Symbiotic	4	
0063.ZAnd	15	0:39	23:33:40	48:49:06	300	74	3.0	#12 Symbiotic	4	

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0064.COMP	5	0:39	23:33:40	48:49:06	300	74	3.0	#12 Symbiotic	4	
0065.MRK509	180	0:39	20:44:09.8	-10:43:24	300	40	3.0	#6 AGN Monitor	4	
0066.MRK509	180	0:39	20:44:09.8	-10:43:24	300	40	3.0	#6 AGN Monitor	4	
0067.COMP	5	0:39	20:44:09.8	-10:43:24	300	40	3.0	#6 AGN Monitor	4	
0068.N7469	150	0:39	23:03:15.7	+08:52:27	300	0	3.0	#6 AGN Monitor	4	
0069.N7469	150	0:39	23:03:15.7	+08:52:27	300	0	3.0	#6 AGN Monitor	4	
0070.COMP	5	0:39	23:03:15.7	+08:52:27	300	0	3.0	#6 AGN Monitor	4	
0071.id1279	600	0:39	20:07:06.5	35:43:28	300	90	3.0	#115 PMS NGC68	4	hi Susan!
0072.COMP	5	0:39	20:07:06.5	35:43:28	300	90	3.0	#115 PMS NGC68	4	
0073.id1536	600	0:39	20:06:36.2	35:55:01	300	90	3.0	#115 PMS NGC68	4	
0074.COMP	5	0:39	20:06:36.2	35:55:01	300	90	3.0	#115 PMS NGC68	4	
0075.id1541	600	0:39	20:06:34.1	35:35:45	300	90	3.0	#115 PMS NGC68	4	
0076.COMP	5	0:39	20:06:34.1	35:35:45	300	90	3.0	#115 PMS NGC68	4	
0077.id1637	600	0:39	20:06:22.0	35:48:48	300	90	3.0	#115 PMS NGC68	4	
0078.COMP	5	0:39	20:06:22.0	35:48:48	300	90	3.0	#115 PMS NGC68	4	
0079.id1994	600	0:39	20:05:41.7	35:56:34	300	90	3.0	#115 PMS NGC68	4	
0080.COMP	5	0:39	20:05:41.7	35:56:34	300	90	3.0	#115 PMS NGC68	4	
0081.2M222656.6p513008	240	0:39	22:26:56.6	+51:30:08	300	90	3.0	#68 2MASS Reds	4	
0082.COMP	5	0:39	22:26:56.6	+51:30:08	300	90	3.0	#68 2MASS Reds	4	
0083.2M223303.6p514745	300	0:39	22:33:03.6	+51:47:45	300	90	3.0	#68 2MASS Reds	4	

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0084.COMP	5	0:39	22:33:03.6	+51:47:45	300	90	3.0	#68 2MASS Reds	4	
0085.2M225353.9p500601	600	0:39	22:53:53.9	+50:06:01	300	45	3.0	#68 2MASS Reds	4	pa=45 to avoid sup *
0086.COMP	5	0:39	22:53:53.9	+50:06:01	300	45	3.0	#68 2MASS Reds	4	
0087.2M225529.9p570924ns	900	0:39	22:55:29.9	+57:09:24	300	45	3.0	#68 2MASS Reds	2	close pair
0088.COMP	10	0:39	22:55:29.9	+57:09:24	300	45	3.0	#68 2MASS Reds	2	
0089.2M233705.4p530919	330	0:39	23:37:05.4	+53:09:19	300	45	3.0	#68 2MASS Reds	2	
0090.COMP	5	0:39	23:37:05.4	+53:09:19	300	45	3.0	#68 2MASS Reds	2	
0091.Akn564	240	0:39	22:42:39.4	+29:43:31	300	78	3.0	#6 AGN Monitor	2	
0092.Akn564	240	0:39	22:42:39.4	+29:43:31	300	78	3.0	#6 AGN Monitor	2	
0093.COMP	10	0:39	22:42:39.4	+29:43:31	300	78	3.0	#6 AGN Monitor	2	
0094.MRK335	120	0:39	00:06:19.6	+20:12:11	300	48	3.0	#6 AGN Monitor	4	
0095.MRK335	120	0:39	00:06:19.6	+20:12:11	300	48	3.0	#6 AGN Monitor	4	
0096.COMP	5	0:39	00:06:19.6	+20:12:11	300	48	3.0	#6 AGN Monitor	4	
0097.M32	30	0:39	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0098.M32	30	0:39	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0099.COMP	5	0:39	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0100.158m213	360	0:39	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	4	
0101.COMP	5	0:39	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	4	
0102.a119c_583	1200	0:39	00:41:44.9	-2:10:01	300	90	3.0	#64 Cluster In	4	
0103.COMP	5	0:39	00:41:44.9	-2:10:01	300	90	3.0	#64 Cluster In	4	

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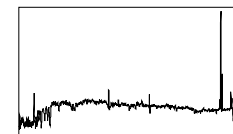
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0104.a119c_584	1200	0:39	00:58:07.1	-5:07:45	300	90	3.0	#64 Cluster In	4	bright sky
0105.COMP	5	0:39	00:58:07.1	-5:07:45	300	90	3.0	#64 Cluster In	4	
0106.a119c_472	1200	0:39	01:02:28.4	-4:41:32	300	90	3.0	#64 Cluster In	4	
0107.COMP	5	0:39	01:02:28.4	-4:41:32	300	90	3.0	#64 Cluster In	4	
0108.a119c_481	900	0:39	00:45:32.8	01:19:14	300	90	3.0	#64 Cluster In	4	
0109.COMP	5	0:39	00:45:32.8	01:19:14	300	90	3.0	#64 Cluster In	4	
0110.a496_438	1200	0:39	04:29:21.4	-09:18:31	300	90	3.0	#64 Cluster In	4	
0111.COMP	5	0:39	04:29:21.4	-09:18:31	300	90	3.0	#64 Cluster In	4	
0112.a496_441	1200	0:39	04:29:34.0	-18:21:47	300	90	3.0	#64 Cluster In	4	
0113.COMP	5	0:39	04:29:34.0	-18:21:47	300	90	3.0	#64 Cluster In	4	
0114.a496_448	1200	0:39	04:18:04.9	-11:48:21	300	90	3.0	#64 Cluster In	4	
0115.COMP	5	0:39	04:18:04.9	-11:48:21	300	90	3.0	#64 Cluster In	4	
0116.2M023412.8p680257	900	0:39	02:34:12.8	+68:02:57	300	90	3.0	#68 2MASS Reds	4	
0117.COMP	5	0:39	02:34:12.8	+68:02:57	300	90	3.0	#68 2MASS Reds	4	
0118.2M024221.9p625403	120	0:39	02:42:21.9	+62:54:03	300	90	3.0	#68 2MASS Reds	4	pec pn
0119.COMP	5	0:39	02:42:21.9	+62:54:03	300	90	3.0	#68 2MASS Reds	4	
0120.2M024945.4p531508	360	0:39	02:49:45.4	+53:15:08	300	90	3.0	#68 2MASS Reds	4	
0121.COMP	5	0:39	02:49:45.4	+53:15:08	300	90	3.0	#68 2MASS Reds	4	
0122.2M025007.9p473722	300	0:39	02:50:07.9	+47:37:22	300	90	3.0	#68 2MASS Reds	4	
0123.COMP	5	0:39	02:50:07.9	+47:37:22	300	90	3.0	#68 2MASS Reds	4	

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0124.sn2001ep	1200	0:39	04:57:00.2	-04:45:40	300	0	3.0	#2 SN Observat	2	
0125.COMP	10	0:39	04:57:00.2	-04:45:40	300	0	3.0	#2 SN Observat	2	
0126.2M025047.3p464555	300	0:39	02:50:47.3	+46:45:55	300	0	3.0	#68 2MASS Reds	2	
0127.COMP	10	0:39	02:50:47.3	+46:45:55	300	0	3.0	#68 2MASS Reds	2	
0128.2M025040.0p531610	660	0:39	02:50:40.0	+53:16:10	300	0	3.0	#68 2MASS Reds	4	
0129.COMP	5	0:39	02:50:40.0	+53:16:10	300	0	3.0	#68 2MASS Reds	4	
0130.2M025122.0p471202	360	0:39	02:51:22.0	+47:12:02	300	0	3.0	#68 2MASS Reds	4	
0131.COMP	5	0:39	02:51:22.0	+47:12:02	300	0	3.0	#68 2MASS Reds	4	
0132.2M025149.3p504924	540	0:39	02:51:49.3	+50:49:24	300	0	3.0	#68 2MASS Reds	4	
0133.COMP	5	0:39	02:51:49.3	+50:49:24	300	0	3.0	#68 2MASS Reds	4	
0134.sn2001gc	1200	0:39	05:55:26.1	+51:54:34	300	0	3.0	#2 SN Observat	2	
0135.COMP	10	0:39	05:55:26.1	+51:54:34	300	0	3.0	#2 SN Observat	2	
0136.2M032614.1p663537	360	0:39	03:26:14.1	+66:35:37	300	0	3.0	#68 2MASS Reds	4	
0137.COMP	5	0:39	03:26:14.1	+66:35:37	300	0	3.0	#68 2MASS Reds	4	
0138.2M032906.4p645831	720	0:39	03:29:06.4	+64:58:31	300	0	3.0	#68 2MASS Reds	4	
0139.COMP	5	0:39	03:29:06.4	+64:58:31	300	0	3.0	#68 2MASS Reds	4	
0140.2M033505.2p690204	600	0:39	03:35:05.2	+69:02:04	300	0	3.0	#68 2MASS Reds	4	
0141.COMP	5	0:39	03:35:05.2	+69:02:04	300	0	3.0	#68 2MASS Reds	4	
0142.2M033455.1p455152	720	0:39	03:34:55.1	+45:51:52	300	0	3.0	#68 2MASS Reds	4	
0143.COMP	5	0:39	03:34:55.1	+45:51:52	300	0	3.0	#68 2MASS Reds	4	

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0144.2M033631.1p383722	720	0:39	03:36:31.1	+38:37:22	300	0	3.0	#68 2MASS Reds	4	
0145.COMP	5	0:39	03:36:31.1	+38:37:22	300	0	3.0	#68 2MASS Reds	4	
0146.BGGem	1200	0:39	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0147.BGGem	300	0:39	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0148.COMP	10	0:39	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0149.Hiltner600	60	0:39	06:42:37.2	02:11:25	300	25	3.0	#56 Spectropho	2	
0150.Hiltner600	60	0:39	06:42:37.2	02:11:25	300	25	3.0	#56 Spectropho	2	
0151.COMP	10	0:39	06:42:37.2	02:11:25	300	25	3.0	#56 Spectropho	2	
0152.2M051708.3p440259	900	0:39	05:17:08.3	+44:02:59	300	90	3.0	#68 2MASS Reds	4	
0153.COMP	5	0:39	05:17:08.3	+44:02:59	300	90	3.0	#68 2MASS Reds	4	
0154-0163.FLAT	8	10:37	8:30:00	32:00:00	300	90	3.0	#68 2MASS Reds	4	
0164-0173.FLAT	16	10:42	8:30:00	32:00:00	300	90	3.0	#68 2MASS Reds	2	
0174.COMP	10	10:42	10:00:44.9	29:20:04	600	90	2.0	#68 2MASS Reds	4	600-line; 2-sec slit
0175.Feige34	120	10:42	10:36:41.2	43:21:50	600	90	2.0	#122 Halo Star	4	tilt=430
0176.Feige34	120	10:42	10:36:41.2	43:21:50	600	90	2.0	#122 Halo Star	4	
0177.COMP	10	10:42	10:36:41.2	43:21:50	600	90	2.0	#122 Halo Star	4	
0178.hs778	360	10:42	10:40:55.6	28:40:56	600	90	2.0	#122 Halo Star	4	
0179.COMP	10	10:42	10:40:55.6	28:40:56	600	90	2.0	#122 Halo Star	4	
0180.hs779	270	10:42	10:41:30.2	28:35:46	600	90	2.0	#122 Halo Star	4	
0181.COMP	10	10:42	10:41:30.2	28:35:46	600	90	2.0	#122 Halo Star	4	

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0182.hs780	150	10:42	10:41:30.8	28:23:17	600	90	2.0	#122 Halo Star	4	
0183.COMP	10	10:42	10:41:30.8	28:23:17	600	90	2.0	#122 Halo Star	4	
0184.hs781	120	10:42	10:41:56.5	28:14:45	600	90	2.0	#122 Halo Star	4	
0185.COMP	10	10:42	10:41:56.5	28:14:45	600	90	2.0	#122 Halo Star	4	
0186.hs786	300	10:42	10:49:42.3	28:15:34	600	90	2.0	#122 Halo Star	4	
0187.COMP	10	10:42	10:49:42.3	28:15:34	600	90	2.0	#122 Halo Star	4	
0188.hs787	420	10:42	10:51:26.3	28:42:26	600	90	2.0	#122 Halo Star	4	
0189.COMP	10	10:42	10:51:26.3	28:42:26	600	90	2.0	#122 Halo Star	4	
0190.hs790	420	10:42	10:55:45.0	28:09:17	600	90	2.0	#122 Halo Star	4	
0191.COMP	10	10:42	10:55:45.0	28:09:17	600	90	2.0	#122 Halo Star	4	
0192.hs791	180	10:42	10:56:01.2	28:10:54	600	90	2.0	#122 Halo Star	4	
0193.COMP	10	10:42	10:56:01.2	28:10:54	600	90	2.0	#122 Halo Star	4	
0194.hs793	360	10:42	10:57:11.0	28:20:14	600	90	2.0	#122 Halo Star	4	
0195.COMP	10	10:42	10:57:11.0	28:20:14	600	90	2.0	#122 Halo Star	4	
0196.hs796	150	10:42	11:02:10.0	27:54:58	600	90	2.0	#122 Halo Star	4	
0197.COMP	5	10:42	11:02:10.0	27:54:58	600	90	2.0	#122 Halo Star	4	
0198.hs798	45	10:42	11:05:35.3	28:01:21	600	90	2.0	#122 Halo Star	4	
0199.COMP	10	10:42	11:05:35.3	28:01:21	600	90	2.0	#122 Halo Star	4	
0200.HD105805	3	10:42	12:10:46.1	27:16:53	600	90	2.0	#122 Halo Star	4	
0201.HD105805	3	10:42	12:10:46.1	27:16:53	600	90	2.0	#122 Halo Star	4	

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0202.COMP	10	10:42	12:10:46.1	27:16:53	600	90	2.0	#122 Halo Star	4	
0203.HD106103	3	10:42	12:12:24.9	27:22:48	600	90	2.0	#122 Halo Star	4	humidity going way up
0204.HD106103	3	10:42	12:12:24.9	27:22:48	600	90	2.0	#122 Halo Star	4	
0205.COMP	10	10:42	12:12:24.9	27:22:48	600	90	2.0	#122 Halo Star	4	
0206.HD106691	3	10:42	12:16:08.4	25:45:37	600	90	2.0	#122 Halo Star	4	
0207.HD106691	8	10:42	12:16:08.4	25:45:37	600	90	2.0	#122 Halo Star	4	
0208.HD106691	8	10:42	12:16:08.4	25:45:37	600	90	2.0	#122 Halo Star	4	
0209.COMP	10	10:42	12:16:08.4	25:45:37	600	90	2.0	#122 Halo Star	4	
0210.FLAT	40	10:42	9:45:00	32:00:00	600	90	2.0	#122 Halo Star	4	for Warren, 600-line, 2-sec slit
0211-0219.FLAT	40	12:05	9:45:00	32:00:00	600	90	2.0	#122 Halo Star	4	
0220.COMP	10	12:05	13:13:23.8	+36:38:17	300	90	3.0	#2 SN Observat	2	300-line; 3-sec slit
0221.sn2001gd	180	12:05	13:13:23.8	+36:38:17	300	100	3.0	#2 SN Observat	2	back to normal setup
0222.sn2001gd	1200	12:05	13:13:23.8	+36:38:17	300	100	3.0	#2 SN Observat	2	
0223.COMP	10	12:05	13:13:23.8	+36:38:17	300	100	3.0	#2 SN Observat	2	
0224.sn2001gd	1200	12:05	13:13:23.8	+36:38:17	300	100	3.0	#2 SN Observat	2	
0225.COMP	10	12:05	13:13:23.8	+36:38:17	300	100	3.0	#2 SN Observat	2	
0226.HZ44	120	12:05	13:21:19.0	36:23:39	300	100	3.0	#56 Spectropho	2	MMT in fog
0227.HZ44	120	12:05	13:21:19.0	36:23:39	300	100	3.0	#56 Spectropho	2	
0228.COMP	10	12:05	13:21:19.0	36:23:39	300	100	3.0	#56 Spectropho	2	
0229.N4151	30	12:05	12:10:32.6	+39:24:21	300	100	3.0	#6 AGN Monitor	4	



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0230.N4151	30	12:05	12:10:32.6	+39:24:21	300	100	3.0	#6 AGN Monitor	4	
0231.COMP	5	12:05	12:10:32.6	+39:24:21	300	100	3.0	#6 AGN Monitor	4	
0232.MRK421	240	12:05	11:04:27.4	+38:12:32	300	100	3.0	#6 AGN Monitor	4	
0233.MRK421	240	12:05	11:04:27.4	+38:12:32	300	100	3.0	#6 AGN Monitor	4	
0234.COMP	5	12:05	11:04:27.4	+38:12:32	300	100	3.0	#6 AGN Monitor	4	
0235.N3227	120	12:05	10:23:30.6	+19:51:54	300	22	3.0	#6 AGN Monitor	4	
0236.N3227	120	12:05	10:23:30.6	+19:51:54	300	22	3.0	#6 AGN Monitor	4	
0237.COMP	5	12:05	10:23:30.6	+19:51:54	300	22	3.0	#6 AGN Monitor	4	
0238-0247.BIAS	0	13:22	10:23:30.6	+19:51:54	300	22	3.0	#6 AGN Monitor	4	
0248-0257.FLAT	8	13:25	10:23:30.6	+19:51:54	300	22	3.0	#6 AGN Monitor	4	
0258-0267.BIAS	0	13:28	10:23:30.6	+19:51:54	300	22	3.0	#6 AGN Monitor	2	
0268-0277.FLAT	16	13:33	10:23:30.6	+19:51:54	300	22	3.0	#6 AGN Monitor	2	
0278-0287.DARK	1200	16:44	10:23:30.6	+19:51:54	300	22	3.0	#6 AGN Monitor	2	