

UT Date 2013-09-28 Observers HSHwang/GHLeeColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.COMP	5	23:29	23:50:46.9	+29:35:48	300	89	3.0	0 Calibration	2	TEST
0001.COMPq.ms	5	23:29	23:50:46.9	+29:35:48	300	89	3.0	All	1	
0002-0011.BIAS	0	23:35	23:50:46.9	+29:35:48	300	89	3.0	0 Calibration	2	
0012-0026.FLAT	7	23:40	23:50:46.9	+29:35:48	300	89	3.0	0 Calibration	2	
0027-0031.DARK	900	00:44	23:50:46.9	+29:35:48	300	90	3.0	0 Calibration	2	
0032.AS338	90	02:15	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0032.AS338q.ms	90	02:15	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	1	
0033.AS338	600	02:17	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0033.AS338q.ms	600	02:17	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	1	
0034.COMP	5	02:28	19:03:47.0	+16:26:17	300	90	3.0	0 Calibration	2	
0035.V919Sgr	15	02:35	19:03:45.0	-16:59:56	300	90	3.0	#12 Symbiotic	2	
0035.V919Sgrq.ms	15	02:35	19:03:45.0	-16:59:56	300	90	3.0	#12 Symbiotic	1	
0036.V919Sgr	30	02:35	19:03:45.0	-16:59:56	300	90	3.0	#12 Symbiotic	2	
0036.V919Sgrq.ms	30	02:35	19:03:45.0	-16:59:56	300	90	3.0	#12 Symbiotic	1	
0037.COMP	5	02:36	19:03:45.0	-16:59:56	300	90	3.0	0 Calibration	2	
0038.BDp284211	90	02:39	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0038.BDp284211q.ms	90	02:39	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	1	
0039.COMP	5	02:41	21:51:11.0	+28:51:50	300	90	3.0	0 Calibration	2	
0040.BDp174708	90	02:46	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0040.BDp174708q.ms	90	02:46	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	1	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0041.COMP	5	02:49	22:11:31.4	+18:05:34	300	90	3.0	0 Calibration	2	
0042.Pbcg030	900	02:52	17:16:41.0	+42:42:03	300	90	3.0	#210 Brightest	2	
0042.Pbcg030q.ms	900	02:52	17:16:41.0	+42:42:03	300	90	3.0	#210 Brightest	1	
0043.COMP	5	03:08	17:16:41.0	+42:42:03	300	90	3.0	0 Calibration	2	
0043.COMPq.ms	5	03:08	17:16:41.0	+42:42:03	300	90	3.0	#210 Brightest	1	
0044.Pbcg031	900	03:12	17:46:55.3	+45:42:39	300	89	3.0	#210 Brightest	2	
0044.Pbcg031q.ms	900	03:12	17:46:55.3	+45:42:39	300	89	3.0	#210 Brightest	1	
0045.COMP	5	03:28	17:46:55.3	+45:42:39	300	89	3.0	0 Calibration	2	
0046.Pbcg032	500	03:32	17:45:29.8	+44:50:17	300	90	3.0	#210 Brightest	2	
0046.Pbcg032q.ms	500	03:32	17:45:29.8	+44:50:17	300	90	3.0	#210 Brightest	1	
0047.COMP	5	03:41	17:45:29.8	+44:50:17	300	90	3.0	0 Calibration	2	
0048.Pbcg102	600	03:47	17:16:47.3	+42:41:39	300	90	3.0	#210 Brightest	2	
0048.Pbcg102q.ms	600	03:47	17:16:47.3	+42:41:39	300	90	3.0	#210 Brightest	1	
0049.COMP	5	03:57	17:16:47.3	+42:41:39	300	90	3.0	0 Calibration	2	
0050.Pbcg103	600	04:00	17:18:29.6	+42:47:51	300	90	3.0	#210 Brightest	2	
0050.Pbcg103q.ms	600	04:00	17:18:29.6	+42:47:51	300	90	3.0	#210 Brightest	1	
0051.COMP	5	04:11	17:18:29.6	+42:47:51	300	90	3.0	0 Calibration	2	
0052.Pbcg104	600	04:14	17:18:13.8	+42:02:23	300	90	3.0	#210 Brightest	2	
0052.Pbcg104q.ms	600	04:14	17:18:13.8	+42:02:23	300	90	3.0	#210 Brightest	1	
0053.COMP	5	04:30	17:18:13.9	+42:01:25	300	90	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0054.Pbcg105	900	04:32	17:47:14.0	+45:11:43	300	90	3.0	#210 Brightest	2	
0054.Pbcg105q.ms	900	04:32	17:47:14.0	+45:11:43	300	90	3.0	#210 Brightest	1	
0055.COMP	5	04:47	17:47:14.0	+45:11:43	300	91	3.0	0 Calibration	2	
0056.Pbcg106	900	04:48	17:49:21.0	+44:56:38	300	91	3.0	#210 Brightest	2	
0057.COMP	5	05:04	17:49:21.0	+44:56:38	300	89	3.0	0 Calibration	2	
0058.sn2013fj	1800	05:17	22:15:28.5	+15:34:04	300	89	3.0	#2 SN Observat	2	
0058.sn2013fjq.ms	1800	05:17	22:15:28.5	+15:34:04	300	89	3.0	#2 SN Observat	1	
0059.COMP	5	05:48	22:15:28.5	+15:34:04	300	90	3.0	0 Calibration	2	
0060.BFCyg	15	05:52	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0060.BFCygq.ms	15	05:52	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	1	
0061.BFCyg	15	05:52	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0062.COMP	5	05:53	19:23:53.0	+29:40:27	300	90	3.0	0 Calibration	2	
0063.CHCyg	1	05:55	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0063.CHCygq.ms	1	05:55	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	1	
0064.CHCyg	5	05:55	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0065.CHCyg	30	05:55	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0066.COMP	5	05:56	19:24:33.0	+50:14:30	300	90	3.0	0 Calibration	2	
0067.AS360	60	06:00	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0067.AS360q.ms	60	06:00	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	1	
0068.AS360	300	06:01	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	

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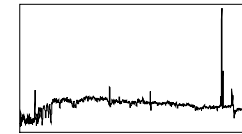
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0069.COMP	5	06:07	19:45:49.0	+18:36:49	300	90	3.0	0 Calibration	2	
0070.RAqr	1	06:14	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0071.RAqr	5	06:14	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0072.RAqr	10	06:15	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0072.RAqrq.ms	10	06:15	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	1	
0073.COMP	5	06:15	23:43:49.0	-15:17:05	300	90	3.0	0 Calibration	2	
0074.CICyg	4	06:17	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0075.CICyg	15	06:17	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0076.COMP	5	06:18	19:50:12.0	+35:41:02	300	90	3.0	0 Calibration	2	
0077.PUVul	1	06:21	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0077.PUVulq.ms	1	06:21	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	1	
0078.PUVul	10	06:21	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0078.PUVulq.ms	10	06:21	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	1	
0079.PUVul	60	06:21	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0079.PUVulq.ms	60	06:21	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	1	
0080.COMP	5	06:23	20:21:13.0	+21:34:21	300	90	3.0	0 Calibration	2	
0081.Pbcg022	600	06:31	23:34:12.1	+05:56:11	300	90	3.0	#210 Brightest	2	
0081.Pbcg022q.ms	600	06:31	23:34:12.1	+05:56:11	300	90	3.0	#210 Brightest	1	
0082.COMP	5	06:42	23:34:12.1	+05:56:11	300	90	3.0	0 Calibration	2	
0083.Pbcg023	600	06:49	23:51:04.8	+06:25:00	300	90	3.0	#210 Brightest	2	

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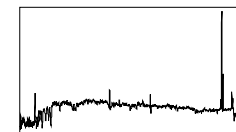
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0083.Pbcg023q.ms	600	06:49	23:51:04.8	+06:25:00	300	90	3.0	#210 Brightest	1	
0084.COMP	5	07:00	23:51:04.8	+06:25:00	300	90	3.0	0 Calibration	2	
0085.Pbcg024	900	07:04	23:50:46.9	+29:35:48	300	90	3.0	#210 Brightest	2	
0085.Pbcg024q.ms	900	07:04	23:50:46.9	+29:35:48	300	90	3.0	#210 Brightest	1	
0086.COMP	5	07:20	23:50:46.9	+29:35:48	300	90	3.0	0 Calibration	2	
0087.Pbcg025	750	07:22	23:51:06.5	+29:06:39	300	90	3.0	#210 Brightest	2	
0087.Pbcg025q.ms	750	07:22	23:51:06.5	+29:06:39	300	90	3.0	#210 Brightest	1	
0088.COMP	5	07:35	23:51:06.5	+29:06:39	300	90	3.0	0 Calibration	2	
0089.Pbcg026	750	07:39	23:49:42.0	+29:05:50	300	90	3.0	#210 Brightest	2	
0089.Pbcg026q.ms	750	07:39	23:49:42.0	+29:05:50	300	90	3.0	#210 Brightest	1	
0090.COMP	5	07:52	23:49:42.0	+29:05:50	300	90	3.0	0 Calibration	2	
0091.EGAnd	1	07:56	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0091.EGAndq.ms	1	07:56	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	1	
0092.EGAnd	5	07:56	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0092.EGAndq.ms	5	07:56	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	1	
0093.EGAnd	10	07:56	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0093.EGAndq.ms	10	07:56	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	1	
0094.COMP	5	07:57	00:44:37.0	+40:40:47	300	90	3.0	0 Calibration	2	
0095.Pbcg027	700	08:01	23:52:25.0	+29:24:17	300	90	3.0	#210 Brightest	2	
0096.COMP	5	08:13	23:52:25.0	+29:24:17	300	90	3.0	0 Calibration	2	

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0097.Pbcg028	750	08:16	23:48:46.8	+29:46:00	300	89	3.0	#210 Brightest	2	
0097.Pbcg028q.ms	750	08:16	23:48:46.8	+29:46:00	300	89	3.0	#210 Brightest	1	
0098.COMP	5	08:29	23:48:46.8	+29:46:00	300	90	3.0	0 Calibration	2	
0099.Pbcg029	700	08:34	23:49:00.0	+29:34:40	300	90	3.0	#210 Brightest	2	
0099.Pbcg029q.ms	700	08:34	23:49:00.0	+29:34:40	300	90	3.0	#210 Brightest	1	
0100.COMP	5	08:47	23:49:00.0	+29:34:40	300	90	3.0	0 Calibration	2	
0101.AXPer	1	08:49	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0101.AXPerq.ms	1	08:49	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	1	
0102.AXPer	5	08:50	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0102.AXPerq.ms	5	08:50	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	1	
0103.AXPer	10	08:50	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0103.AXPerq.ms	10	08:50	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	1	
0104.COMP	5	08:50	01:36:23.0	+54:15:03	300	90	3.0	0 Calibration	2	
0105.Pbcg001	600	08:54	00:11:05.2	+32:30:37	300	90	3.0	#210 Brightest	2	
0105.Pbcg001q.ms	600	08:54	00:11:05.2	+32:30:37	300	90	3.0	#210 Brightest	1	
0106.COMP	5	09:04	00:11:05.2	+32:30:37	300	90	3.0	0 Calibration	2	
0107.Pbcg002	750	09:07	00:12:24.9	+32:04:42	300	90	3.0	#210 Brightest	2	
0107.Pbcg002q.ms	750	09:07	00:12:24.9	+32:04:42	300	90	3.0	#210 Brightest	1	
0108.COMP	5	09:20	00:12:24.9	+32:04:42	300	90	3.0	0 Calibration	2	
0109.Pbcg003	600	09:22	00:12:38.1	+32:26:44	300	90	3.0	#210 Brightest	2	

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0109.Pbcg003q.ms	600	09:22	00:12:38.1	+32:26:44	300	90	3.0	#210 Brightest	1	
0110.COMP	5	09:33	00:12:38.1	+32:26:44	300	90	3.0	0 Calibration	2	
0111.Comet.2P.Encke	450	09:46	06:25:55.4	+42:55:59	300	90	3.0	#173 Small Sol	2	
0111.Comet.2P.Enckeq.ms	450	09:46	06:25:55.4	+42:55:59	300	90	3.0	#173 Small Sol	1	
0112.Comet.2P.Encke	450	09:53	06:25:55.4	+42:55:59	300	90	3.0	#173 Small Sol	2	
0112.Comet.2P.Enckeq.ms	450	09:53	06:25:55.4	+42:55:59	300	90	3.0	#173 Small Sol	1	
0113.Comet.2P.Encke	450	10:01	06:25:55.4	+42:55:59	300	90	3.0	#173 Small Sol	2	Star in the slit, Comet at row 100
0113.Comet.2P.Enckeq.ms	450	10:01	06:25:55.4	+42:55:59	300	90	3.0	#173 Small Sol	1	
0114.Comet.2P.Encke	450	10:18	06:25:55.4	+42:55:59	300	90	3.0	#173 Small Sol	2	
0114.Comet.2P.Enckeq.ms	450	10:18	06:25:55.4	+42:55:59	300	90	3.0	#173 Small Sol	1	
0115.Comet.2P.Encke	450	10:26	06:25:55.4	+42:55:59	300	90	3.0	#173 Small Sol	2	
0115.Comet.2P.Enckeq.ms	450	10:26	06:25:55.4	+42:55:59	300	90	3.0	#173 Small Sol	1	
0116.COMP	5	10:34	06:25:55.4	+42:55:59	300	90	3.0	0 Calibration	2	
0116.COMPq.ms	5	10:34	06:25:55.4	+42:55:59	300	90	3.0	#173 Small Sol	1	
0117.Hyades142	5	10:37	04:46:30.0	+15:28:21	300	90	3.0	#173 Small Sol	2	
0117.Hyades142q.ms	5	10:37	04:46:30.0	+15:28:21	300	90	3.0	#173 Small Sol	1	
0118.COMP	5	10:38	04:46:30.0	+15:28:21	300	90	3.0	0 Calibration	2	
0119.Pbcg008	300	10:41	02:20:56.5	+21:12:10	300	90	3.0	#210 Brightest	2	
0119.Pbcg008q.ms	300	10:41	02:20:56.5	+21:12:10	300	90	3.0	#210 Brightest	1	
0120.COMP	5	10:47	02:20:56.5	+21:12:10	300	89	3.0	0 Calibration	2	

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0121.Pbcg009	450	10:49	02:20:57.3	+21:06:21	300	89	3.0	#210 Brightest	2	
0122.COMP	5	10:57	02:20:57.3	+21:06:21	300	89	3.0	0 Calibration	2	
0123.psnJ0503	1800	11:01	05:03:35.1	+01:34:18	300	89	3.0	#2 SN Observat	2	
0123.psnJ0503q.ms	1800	11:01	05:03:35.1	+01:34:18	300	89	3.0	#2 SN Observat	1	
0124.COMP	5	11:32	05:03:35.1	+01:34:18	300	89	3.0	0 Calibration	2	Not use
0125.COMP	5	11:33	05:03:35.1	+01:34:18	300	89	3.0	0 Calibration	2	
0126.Comet.C2013.R1	450	11:42	06:31:38.4	-03:55:04	300	89	3.0	#173 Small Sol	2	
0126.Comet.C2013.R1q.ms	450	11:42	06:31:38.4	-03:55:04	300	89	3.0	#173 Small Sol	1	
0127.Comet.C2013.R1	450	11:49	06:31:38.4	-03:55:04	300	89	3.0	#173 Small Sol	2	
0128.Comet.C2013.R1	450	11:57	06:31:38.4	-03:55:04	300	89	3.0	#173 Small Sol	2	
0129.COMP	5	12:05	06:31:38.4	-03:55:04	300	89	3.0	0 Calibration	2	
0130.SA98.978	30	12:07	06:51:34.0	-00:11:33	300	89	3.0	#173 Small Sol	2	
0131.COMP	5	12:08	06:51:34.0	-00:11:33	300	89	3.0	0 Calibration	2	
0132.Pbcg010	600	12:12	02:20:21.9	+21:01:33	300	89	3.0	#210 Brightest	2	
0133.COMP	5	12:23	02:20:21.9	+21:01:33	300	91	3.0	0 Calibration	2	
0134-0143.BIAS	0	12:39	02:20:21.9	+21:01:33	300	91	3.0	0 Calibration	2	
0144-0158.FLAT	7	12:44	02:20:21.9	+21:01:33	300	91	3.0	0 Calibration	2	
0159-0163.DARK	900	13:48	02:20:21.9	+21:01:33	300	91	3.0	0 Calibration	2	
comp300+600.ms	10	05:47	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	1	