

UT Date 2008-12-21 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	01:48	00:21:45.1	+31:27:20	300	90	3.0	#185 NGC3227 M	2	
0011-0025.FLAT	7	02:01	00:21:45.1	+31:27:20	300	90	3.0	#185 NGC3227 M	2	
0026.IPHASB_4011	600	02:09	22:13:11.4	+54:56:00	300	90	3.0	#157 IPHAS	2	
0027.COMP	10	02:20	22:13:11.4	+54:56:00	300	90	3.0	#157 IPHAS	2	
0028.IPHASB_4021	360	02:23	22:14:26.8	+54:38:06	300	90	3.0	#157 IPHAS	2	
0029.COMP	10	02:29	22:14:26.8	+54:38:06	300	90	3.0	#157 IPHAS	2	
0030.IPHASB_4026	300	02:31	22:14:40.3	+61:26:14	300	60	3.0	#157 IPHAS	2	
0031.COMP	10	02:36	22:14:40.3	+61:26:14	300	60	3.0	#157 IPHAS	2	
0032.IPHASB_4033	120	02:39	22:15:21.1	+61:48:27	300	90	3.0	#157 IPHAS	2	
0033.COMP	10	02:42	22:15:21.1	+61:48:27	300	90	3.0	#157 IPHAS	2	
0034.IPHASB_4034	240	02:44	22:15:25.5	+62:54:59	300	90	3.0	#157 IPHAS	2	
0035.COMP	10	02:48	22:15:25.5	+62:54:59	300	90	3.0	#157 IPHAS	2	
0036.IPHASB_4036	600	02:50	22:15:41.1	+55:37:01	300	90	3.0	#157 IPHAS	2	
0037.COMP	10	03:01	22:15:41.1	+55:37:01	300	90	3.0	#157 IPHAS	2	
0038.IPHASB_4037	180	03:02	22:15:41.8	+55:42:24	300	90	3.0	#157 IPHAS	2	
0039.COMP	10	03:06	22:15:41.8	+55:42:24	300	90	3.0	#157 IPHAS	2	
0040.IPHASB_4038	180	03:07	22:15:45.9	+61:02:59	300	90	3.0	#157 IPHAS	2	
0041.COMP	10	03:11	22:15:45.9	+61:02:59	300	90	3.0	#157 IPHAS	2	
0042.IPHASB_4045	180	03:13	22:16:06.0	+54:48:27	300	90	3.0	#157 IPHAS	2	
0043.COMP	10	03:17	22:16:06.0	+54:48:27	300	90	3.0	#157 IPHAS	2	

UT Date 2008-12-21 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

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0044.IPHASB_4049	180	03:18	22:16:23.4	+56:23:33	300	90	3.0	#157 IPHAS	2	
0045.COMP	10	03:22	22:16:23.4	+56:23:33	300	90	3.0	#157 IPHAS	2	
0046.IPHASB_4053	900	03:24	22:17:05.9	+61:20:25	300	90	3.0	#157 IPHAS	2	
0047.COMP	10	03:39	22:17:05.9	+61:20:25	300	90	3.0	#157 IPHAS	2	
0048.sn2008hs	1800	03:44	02:25:29.6	+41:50:35	300	8	3.0	#2 SN Observat	2	
0049.COMP	10	04:16	02:25:29.6	+41:50:35	300	8	3.0	#2 SN Observat	2	
0050.PossibleSNE	300	04:19	02:25:29.6	+41:50:35	300	40	3.0	#2 SN Observat	2	nope...
0051.COMP	10	04:24	02:25:29.6	+41:50:35	300	40	3.0	#2 SN Observat	2	
0052.sn2008hm	1800	04:28	03:27:10.9	+46:56:40	300	19	3.0	#2 SN Observat	2	
0053.COMP	10	04:59	03:27:10.9	+46:56:40	300	19	3.0	#2 SN Observat	2	
0054.w5b377	300	05:08	02:49:36.7	+60:32:35	300	89	3.0	#179 OB Stars	2	
0055.COMP	10	05:14	02:49:36.7	+60:32:35	300	89	3.0	#179 OB Stars	2	
0056.w5d882	180	05:15	02:50:32.0	+59:54:33	300	89	3.0	#179 OB Stars	2	
0057.COMP	10	05:19	02:50:32.0	+59:54:33	300	89	3.0	#179 OB Stars	2	
0058.w5d261	90	05:20	02:50:02.5	+59:58:29	300	89	3.0	#179 OB Stars	2	
0059.COMP	10	05:25	02:50:02.5	+59:58:29	300	89	3.0	#179 OB Stars	2	
0060.w5c1263	70	05:26	02:58:27.9	+60:25:24	300	89	3.0	#179 OB Stars	2	
0061.COMP	10	05:28	02:58:27.9	+60:25:24	300	89	3.0	#179 OB Stars	2	
0062.w5c4145	60	05:29	03:00:33.7	+60:25:30	300	89	3.0	#179 OB Stars	2	
0063.COMP	10	05:31	03:00:33.7	+60:25:30	300	89	3.0	#179 OB Stars	2	

UT Date 2008-12-21 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

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0064.w5b68	60	05:31	02:49:21.9	+60:32:28	300	89	3.0	#179 OB Stars	2	
0065.COMP	10	05:33	02:49:21.9	+60:32:28	300	89	3.0	#179 OB Stars	2	
0066.w5b1837	80	05:35	02:50:35.9	+60:25:15	300	89	3.0	#179 OB Stars	2	
0067.COMP	10	05:37	02:50:35.9	+60:25:15	300	89	3.0	#179 OB Stars	2	
0068.w5c2780	80	05:38	02:59:34.4	+60:33:43	300	89	3.0	#179 OB Stars	2	
0069.COMP	10	05:40	02:59:34.4	+60:33:43	300	89	3.0	#179 OB Stars	2	
0070.w5b320	80	05:41	02:49:33.7	+60:32:54	300	89	3.0	#179 OB Stars	2	
0071.COMP	10	05:43	02:49:33.7	+60:32:54	300	89	3.0	#179 OB Stars	2	
0072.w5a3777	80	05:44	02:54:12.4	+60:39:13	300	89	3.0	#179 OB Stars	2	
0073.COMP	10	05:46	02:54:12.4	+60:39:13	300	89	3.0	#179 OB Stars	2	
0074.w5f1152	80	05:46	02:56:05.8	+60:15:53	300	89	3.0	#179 OB Stars	2	
0075.COMP	10	05:48	02:56:05.8	+60:15:53	300	89	3.0	#179 OB Stars	2	
0076.w5a1240	90	05:49	02:52:49.8	+60:27:16	300	89	3.0	#179 OB Stars	2	
0077.COMP	10	05:51	02:52:49.8	+60:27:16	300	89	3.0	#179 OB Stars	2	
0078.w5d619	90	05:52	02:50:19.7	+60:04:58	300	89	3.0	#179 OB Stars	2	
0079.COMP	10	05:54	02:50:19.7	+60:04:58	300	89	3.0	#179 OB Stars	2	
0080.w5b2216	90	05:56	02:50:48.4	+60:34:17	300	89	3.0	#179 OB Stars	2	
0081.COMP	10	05:58	02:50:48.4	+60:34:17	300	89	3.0	#179 OB Stars	2	
0082.IPHAS_B0336	1800	06:00	03:00:02.6	+62:10:36	300	89	3.0	#157 IPHAS	2	
0083.IPHAS_B0336	1800	06:30	03:00:02.6	+62:10:36	300	89	3.0	#157 IPHAS	2	

UT Date 2008-12-21 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

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0084.COMP	10	07:05	03:00:02.6	+62:10:36	300	89	3.0	#157 IPHAS	2	
0085.IPHAS_B0335	1800	07:07	03:00:23.6	+60:17:55	300	89	3.0	#157 IPHAS	2	
0086.IPHAS_B0335	1800	07:37	03:00:23.6	+60:17:55	300	89	3.0	#157 IPHAS	2	
0087.COMP	10	08:08	03:00:23.6	+60:17:55	300	89	3.0	#157 IPHAS	2	
0088.IPHAS_B0334	1800	08:09	03:00:42.5	+60:11:06	300	89	3.0	#157 IPHAS	2	
0089.IPHAS_B0334	1800	08:39	03:00:42.5	+60:11:06	300	89	3.0	#157 IPHAS	2	
0090.COMP	10	09:10	03:00:42.5	+60:11:06	300	89	3.0	#157 IPHAS	2	
0091.Hiltner600	90	09:13	06:45:13.4	+02:08:15	300	25	3.0	#56 Spectropho	2	
0092.COMP	10	09:15	06:45:13.4	+02:08:15	300	25	3.0	#56 Spectropho	2	
0093.HD52071	5	09:18	07:00:58.2	+27:09:27	300	90	3.0	#57 Velocity S	2	
0094.COMP	10	09:18	07:00:58.2	+27:09:27	300	90	3.0	#57 Velocity S	2	
0095.XS05012B1_007	1800	09:21	09:10:59.8	+17:50:17	300	90	3.0	#129 ChaMP Sou	2	faint!
0096.COMP	10	09:52	09:10:59.8	+17:50:17	300	90	3.0	#129 ChaMP Sou	2	
0097.XS03274B2_004	2100	09:57	09:50:00.2	+17:15:08	300	90	3.0	#129 ChaMP Sou	2	another faint one...
0098.COMP	10	10:33	09:50:00.2	+17:15:08	300	90	3.0	#129 ChaMP Sou	2	
0099.XS03195B6_001	1500	10:35	09:52:41.5	+51:58:49	300	90	3.0	#129 ChaMP Sou	2	
0100.COMP	10	11:02	09:52:41.5	+51:58:49	300	90	3.0	#129 ChaMP Sou	2	
0101.sn2008hv	1200	11:09	09:07:34.1	+03:23:32	300	16	3.0	#2 SN Observat	2	
0102.COMP	10	11:30	09:07:34.1	+03:23:32	300	16	3.0	#2 SN Observat	2	
0103.N2301013703	300	11:33	07:51:16.7	+30:16:45	300	90	3.0	#184 M44 Varia	2	

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0104.COMP	10	11:39	07:51:16.7	+30:16:45	300	90	3.0	#184 M44 Varia	2	
0105.N2301131308	300	11:40	08:00:39.1	+36:17:50	300	90	3.0	#184 M44 Varia	2	
0106.COMP	10	11:46	08:00:39.1	+36:17:50	300	90	3.0	#184 M44 Varia	2	
0107.N23320113903	540	11:47	08:11:10.6	+26:51:58	300	90	3.0	#184 M44 Varia	2	
0108.COMP	10	11:58	08:11:10.6	+26:51:58	300	90	3.0	#184 M44 Varia	2	
0109.N2312322561	40	11:59	08:14:49.6	+21:25:37	300	90	3.0	#184 M44 Varia	2	
0110.COMP	10	12:00	08:14:49.6	+21:25:37	300	90	3.0	#184 M44 Varia	2	
0111.N2312322561	25	12:00	08:14:49.6	+21:25:37	300	90	3.0	#184 M44 Varia	2	
0112.COMP	10	12:01	08:14:49.6	+21:25:37	300	90	3.0	#184 M44 Varia	2	
0113.N2332333101	720	12:03	08:20:44.6	+29:34:10	300	65	3.0	#184 M44 Varia	2	
0114.COMP	10	12:15	08:20:44.6	+29:34:10	300	65	3.0	#184 M44 Varia	2	
0115.N2312331177	300	12:17	08:21:05.3	+19:46:28	300	90	3.0	#184 M44 Varia	2	
0116.COMP	10	12:22	08:21:05.3	+19:46:28	300	90	3.0	#184 M44 Varia	2	
0117.N2312133307	240	12:23	08:22:51.8	+16:02:10	300	90	3.0	#184 M44 Varia	2	
0118.COMP	10	12:28	08:22:51.8	+16:02:10	300	90	3.0	#184 M44 Varia	2	
0119.Feige34	180	12:31	10:39:36.7	+43:06:09	300	-28	3.0	#56 Spectropho	2	
0120.COMP	10	12:35	10:39:36.7	+43:06:09	300	-28	3.0	#56 Spectropho	2	
0121.N3227	180	12:46	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0122.N3227	180	12:50	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0123.COMP	10	12:53	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	

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0124.MRK421	300	12:55	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0125.MRK421	300	13:00	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0126.COMP	10	13:05	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0127.N4051	150	13:07	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0128.N4051	150	13:10	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0129.COMP	10	13:13	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0130.WCom	360	13:15	12:21:31.7	+28:13:59	300	90	3.0	#6 AGN Monitor	2	
0131.WCom	360	13:21	12:21:31.7	+28:13:59	300	90	3.0	#6 AGN Monitor	2	
0132.COMP	10	13:28	12:21:31.7	+28:13:59	300	90	3.0	#6 AGN Monitor	2	
0133.N4151	30	13:30	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0134.N4151	30	13:30	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0135.N4151	90	13:31	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0136.COMP	10	13:33	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0137-0146.BIAS	0	13:37	12:10:32.6	+39:24:21	300	90	3.0	#2 SN Observat	2	
0147-0161.FLAT	7	13:42	12:10:32.6	+39:24:21	300	90	3.0	#2 SN Observat	2	
0162-0176.DARK	900	17:18	12:10:32.6	+39:24:21	300	90	3.0	#2 SN Observat	2	