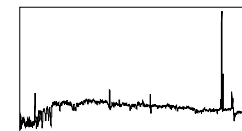


UT Date 2008-12-20 Observers P BerlindColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	23:21	21:47:00.0	+32:00:00	300	90	3.0	#185 NGC3227 M	2	
0011-0025.FLAT	7	23:27	21:47:00.0	+32:00:00	300	90	3.0	#185 NGC3227 M	2	
0026-0029.DARK	900	00:14	21:47:00.0	+32:00:00	300	90	3.0	#185 NGC3227 M	2	
0030-0034.sky	3	00:35	23:10:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0035.COMP	10	00:36	23:10:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0036.BDp174708	60	01:12	22:11:31.4	+18:05:34	300	54	3.0	#56 Spectropho	2	
0037.BDp174708	60	01:13	22:11:31.4	+18:05:34	300	54	3.0	#56 Spectropho	2	
0038.BDp174708	180	01:15	22:11:31.4	+18:05:34	300	54	3.0	#56 Spectropho	2	
0039.COMP	10	01:18	22:11:31.4	+18:05:34	300	54	3.0	#56 Spectropho	2	
0040.BDp284211	240	01:20	21:51:11.0	+28:51:50	300	78	3.0	#56 Spectropho	2	
0041.BDp284211	240	01:25	21:51:11.0	+28:51:50	300	78	3.0	#56 Spectropho	2	
0042.COMP	10	01:29	21:51:11.0	+28:51:50	300	78	3.0	#56 Spectropho	2	stopped by clouds
0043.N7331	240	01:38	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0044.COMP	10	01:42	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0045.IPHASB_4318	300	02:29	23:10:57.9	+60:33:55	300	90	3.0	#157 IPHAS	2	target at row 83, nice cluster NGC7510
0046.COMP	10	02:34	23:10:57.9	+60:33:55	300	90	3.0	#157 IPHAS	2	
0047.IPHASB_4319	360	02:36	23:11:08.5	+60:35:03	300	90	3.0	#157 IPHAS	2	stopped by clouds
0048.COMP	10	02:43	23:11:08.5	+60:35:03	300	90	3.0	#157 IPHAS	2	
0049.sn2008hs	1714	04:13	02:25:29.6	+41:50:35	300	90	3.0	#2 SN Observat	2	
0050.COMP	10	04:42	02:25:29.6	+41:50:35	300	90	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0051.sn2008hm	1800	04:49	03:27:10.9	+46:56:40	300	90	3.0	#2 SN Observat	2	
0052.COMP	10	05:19	03:27:10.9	+46:56:40	300	90	3.0	#2 SN Observat	2	
0053.02253037+3810175	278	05:21	02:25:30.4	+38:10:17	300	90	3.0	#141 Mapping t	2	
0054.COMP	10	05:26	02:25:30.4	+38:10:17	300	90	3.0	#141 Mapping t	2	
0055.02253388+4208042	300	05:26	02:25:33.9	+42:08:04	300	90	3.0	#141 Mapping t	2	clouds
0056.COMP	10	05:32	02:25:33.9	+42:08:04	300	90	3.0	#141 Mapping t	2	
0057.02255032+4336426	420	05:42	02:25:50.3	+43:36:43	300	90	3.0	#141 Mapping t	2	
0058.COMP	10	05:50	02:25:50.3	+43:36:43	300	90	3.0	#141 Mapping t	2	
0059.02254684+4327446	420	05:50	02:25:46.8	+43:27:45	300	90	3.0	#141 Mapping t	2	
0060.COMP	10	05:58	02:25:46.8	+43:27:45	300	90	3.0	#141 Mapping t	2	
0061.02261956+4615063	420	05:59	02:26:19.6	+46:15:06	300	90	3.0	#141 Mapping t	2	
0062.COMP	10	06:06	02:26:19.6	+46:15:06	300	90	3.0	#141 Mapping t	2	
0063.02263432+3724052	420	06:08	02:26:34.3	+37:24:05	300	90	3.0	#141 Mapping t	2	
0064.COMP	10	06:15	02:26:34.3	+37:24:05	300	90	3.0	#141 Mapping t	2	
0065.02272363+3745106	330	06:16	02:27:23.6	+37:45:11	300	90	3.0	#141 Mapping t	2	
0066.COMP	10	06:22	02:27:23.6	+37:45:11	300	90	3.0	#141 Mapping t	2	
0067.02280478+4112172	420	06:23	02:28:04.8	+41:12:17	300	90	3.0	#141 Mapping t	2	
0068.COMP	10	06:36	02:28:04.8	+41:12:17	300	90	3.0	#141 Mapping t	2	ccd crash, restart
0069.02282275+3824387	300	06:37	02:28:22.7	+38:24:39	300	90	3.0	#141 Mapping t	2	
0070.COMP	10	06:43	02:28:22.7	+38:24:39	300	90	3.0	#141 Mapping t	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0071.02282429+3815557	300	06:44	02:28:24.3	+38:15:56	300	90	3.0	#141 Mapping t	2	
0072.COMP	10	06:49	02:28:24.3	+38:15:56	300	90	3.0	#141 Mapping t	2	
0073.02284467+3747254	300	06:50	02:28:44.7	+37:47:25	300	90	3.0	#141 Mapping t	2	
0074.COMP	10	06:55	02:28:44.7	+37:47:25	300	90	3.0	#141 Mapping t	2	
0075.02291833+3822295	420	06:56	02:29:18.3	+38:22:29	300	90	3.0	#141 Mapping t	2	
0076.COMP	10	07:04	02:29:18.3	+38:22:29	300	90	3.0	#141 Mapping t	2	
0077.02294877+4546331	420	07:05	02:29:48.8	+45:46:33	300	90	3.0	#141 Mapping t	2	
0078.COMP	10	07:12	02:29:48.8	+45:46:33	300	90	3.0	#141 Mapping t	2	
0079.03302308+4017418	420	07:14	03:30:23.1	+40:17:42	300	90	3.0	#141 Mapping t	2	
0080.COMP	10	07:21	03:30:23.1	+40:17:42	300	90	3.0	#141 Mapping t	2	
0081.03302592+4144188	823	07:22	03:30:25.9	+41:44:19	300	90	3.0	#141 Mapping t	2	
0082.COMP	10	07:36	03:30:25.9	+41:44:19	300	90	3.0	#141 Mapping t	2	
0083.03310071+3858225	420	07:37	03:31:00.7	+38:58:23	300	90	3.0	#141 Mapping t	2	
0084.COMP	10	07:44	03:31:00.7	+38:58:23	300	90	3.0	#141 Mapping t	2	
0085.03380749+4303562	600	07:46	03:38:07.5	+43:03:56	300	90	3.0	#141 Mapping t	2	
0086.COMP	10	07:56	03:38:07.5	+43:03:56	300	90	3.0	#141 Mapping t	2	
0087.03392560+4111574	600	07:58	03:39:25.6	+41:11:57	300	90	3.0	#141 Mapping t	2	beware star in slit just east of gal
0088.COMP	10	08:09	03:39:25.6	+41:11:57	300	90	3.0	#141 Mapping t	2	
0089.03393461+4128038	720	08:09	03:39:34.6	+41:28:04	300	90	3.0	#141 Mapping t	2	
0090.COMP	10	08:22	03:39:34.6	+41:28:04	300	90	3.0	#141 Mapping t	2	

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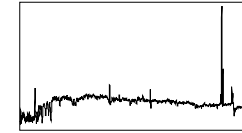
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0091.N23001001216	60	08:25	06:59:09.2	+35:45:41	300	90	3.0	#184 M44 Varia	2	
0092.COMP	10	08:27	06:59:09.2	+35:45:41	300	90	3.0	#184 M44 Varia	2	
0093.N2300300598	60	08:29	07:01:46.0	+43:19:41	300	46	3.0	#184 M44 Varia	2	
0094.COMP	10	08:30	07:01:46.0	+43:19:41	300	46	3.0	#184 M44 Varia	2	
0095.N2300221816	120	08:31	07:12:18.8	+47:19:33	300	46	3.0	#184 M44 Varia	2	
0096.COMP	10	08:33	07:12:18.8	+47:19:33	300	46	3.0	#184 M44 Varia	2	
0097.N2303303481	30	08:34	07:20:33.6	+42:35:02	300	46	3.0	#184 M44 Varia	2	
0098.COMP	10	08:35	07:20:33.6	+42:35:02	300	46	3.0	#184 M44 Varia	2	
0099.N2301113221	360	08:36	07:44:16.0	+37:00:34	300	46	3.0	#184 M44 Varia	2	
0100.COMP	10	08:43	07:44:16.0	+37:00:34	300	46	3.0	#184 M44 Varia	2	
0101.BGGem	360	08:45	06:03:31.0	+27:41:50	300	46	3.0	#12 Symbiotic	2	
0102.COMP	10	08:51	06:03:31.0	+27:41:50	300	46	3.0	#12 Symbiotic	2	
0103.BXMon	20	08:53	07:25:23.0	-03:35:51	300	0	3.0	#12 Symbiotic	2	
0104.BXMon	60	08:54	07:25:23.0	-03:35:51	300	0	3.0	#12 Symbiotic	2	
0105.BXMon	120	08:56	07:25:23.0	-03:35:51	300	0	3.0	#12 Symbiotic	2	
0106.COMP	10	08:58	07:25:23.0	-03:35:51	300	0	3.0	#12 Symbiotic	2	
0107.SS129	420	09:00	07:32:45.0	-26:49:16	300	0	3.0	#12 Symbiotic	2	
0108.SS129	420	09:07	07:32:45.0	-26:49:16	300	0	3.0	#12 Symbiotic	2	
0109.COMP	10	09:15	07:32:45.0	-26:49:16	300	0	3.0	#12 Symbiotic	2	secondary problems, delay
0110.N2222230201	30	09:31	07:07:09.8	+25:37:16	300	0	3.0	#184 M44 Varia	2	

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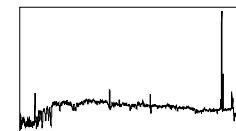
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0111.N2222332281	15	09:32	07:12:03.7	+27:06:16	300	0	3.0	#184 M44 Varia	2	
0112.COMP	10	09:33	07:12:03.7	+27:06:16	300	0	3.0	#184 M44 Varia	2	
0113.N223022063	15	09:34	07:17:24.5	+17:53:35	300	0	3.0	#184 M44 Varia	2	
0114.N223030344	20	09:35	07:21:48.9	+18:15:16	300	0	3.0	#184 M44 Varia	2	
0115.COMP	10	09:36	07:21:48.9	+18:15:16	300	0	3.0	#184 M44 Varia	2	
0116.N223232191	20	09:37	07:23:44.3	+08:39:56	300	0	3.0	#184 M44 Varia	2	
0117.COMP	10	09:37	07:23:44.3	+08:39:56	300	0	3.0	#184 M44 Varia	2	
0118.N2211102329	15	09:39	07:40:29.4	+13:49:14	300	0	3.0	#184 M44 Varia	2	
0119.COMP	10	09:39	07:40:29.4	+13:49:14	300	0	3.0	#184 M44 Varia	2	
0120.N2211012355	15	09:40	07:45:52.3	+20:03:43	300	0	3.0	#184 M44 Varia	2	
0121.N2211013249	90	09:41	07:47:06.2	+19:31:23	300	0	3.0	#184 M44 Varia	2	
0122.N2211013493	15	09:43	07:47:16.5	+19:12:58	300	0	3.0	#184 M44 Varia	2	
0123.COMP	10	09:44	07:47:16.5	+19:12:58	300	0	3.0	#184 M44 Varia	2	
0124.N2301032258	90	09:45	07:45:21.5	+27:47:53	300	0	3.0	#184 M44 Varia	2	
0125.N230101227	45	09:48	07:47:50.4	+29:23:47	300	0	3.0	#184 M44 Varia	2	
0126.N2301023807	30	09:49	07:34:48.5	+28:45:07	300	0	3.0	#184 M44 Varia	2	
0127.COMP	10	09:50	07:34:48.5	+28:45:07	300	0	3.0	#184 M44 Varia	2	
0128.N221333268	300	09:52	08:07:06.5	+09:04:20	300	0	3.0	#184 M44 Varia	2	
0129.N2213233504	360	09:58	08:15:07.9	+09:48:41	300	0	3.0	#184 M44 Varia	2	
0130.COMP	10	10:05	08:15:07.9	+09:48:41	300	0	3.0	#184 M44 Varia	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>Bin</i>	<i>Comments</i>
0131.N231011149	90	10:06	09:09:52.2	+09:48:18	300	0	3.0	#184 M44 Varia	2	
0132.N23101339	90	10:08	09:17:43.8	+09:57:23	300	0	3.0	#184 M44 Varia	2	
0133.N20202325900	600	10:10	09:28:06.8	+09:07:28	300	0	3.0	#184 M44 Varia	2	
0134.COMP	10	10:21	09:28:06.8	+09:07:28	300	0	3.0	#184 M44 Varia	2	
0135.sn2008hv	1800	10:22	09:07:34.1	+03:23:32	300	0	3.0	#2 SN Observat	2	
0136.COMP	10	10:52	09:07:34.1	+03:23:32	300	0	3.0	#2 SN Observat	2	
0137.HD84937	30	10:54	09:48:56.1	+13:44:39	300	0	3.0	#56 Spectropho	2	
0138.HD84937	30	10:54	09:48:56.1	+13:44:39	300	0	3.0	#56 Spectropho	2	
0139.HD84937	30	10:55	09:48:56.1	+13:44:39	300	0	3.0	#56 Spectropho	2	
0140.COMP	10	10:56	09:48:56.1	+13:44:39	300	0	3.0	#56 Spectropho	2	
0141.N2301211493	15	10:59	07:22:30.0	+33:07:26	300	90	3.0	#184 M44 Varia	2	
0142.N230131175	90	11:00	07:35:23.3	+31:43:21	300	90	3.0	#184 M44 Varia	2	
0143.COMP	10	11:02	07:35:23.3	+31:43:21	300	90	3.0	#184 M44 Varia	2	
0144.N2303211888	25	11:03	07:23:34.5	+39:34:33	300	90	3.0	#184 M44 Varia	2	
0145.N2303021621	30	11:04	07:48:50.1	+39:58:45	300	90	3.0	#184 M44 Varia	2	
0146.N2301300758	30	11:06	07:39:26.5	+36:47:07	300	90	3.0	#184 M44 Varia	2	
0147.COMP	10	11:06	07:39:26.5	+36:47:07	300	90	3.0	#184 M44 Varia	2	
0148.N2211230428	36	11:08	08:07:07.0	+14:19:46	300	90	3.0	#184 M44 Varia	2	
0149.COMP	10	11:09	08:07:07.0	+14:19:46	300	90	3.0	#184 M44 Varia	2	
0150.N221323348	20	11:10	08:13:12.4	+10:39:09	300	90	3.0	#184 M44 Varia	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>Bin</i>	<i>Comments</i>
0151.N221321320	30	11:11	08:09:11.1	+11:12:07	300	90	3.0	#184 M44 Varia	2	
0152.COMP	10	11:12	08:09:11.1	+11:12:07	300	90	3.0	#184 M44 Varia	2	
0153.N22113233	900	11:13	07:51:18.2	+16:51:57	300	90	3.0	#184 M44 Varia	2	
0154.COMP	10	11:28	07:51:18.2	+16:51:57	300	90	3.0	#184 M44 Varia	2	
0155.N221102314	30	11:29	07:59:51.0	+18:41:42	300	90	3.0	#184 M44 Varia	2	
0156.N2312122111	480	11:30	08:16:36.0	+18:20:59	300	90	3.0	#184 M44 Varia	2	
0157.COMP	10	11:39	08:16:36.0	+18:20:59	300	90	3.0	#184 M44 Varia	2	lots of clouds
0158.N3227	360	11:40	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0159.N3227	360	11:47	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0160.COMP	10	11:53	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0161.N3226	480	11:54	10:23:27.0	+19:53:55	300	90	3.0	#185 NGC3227 M	2	
0162.COMP	10	12:03	10:23:27.0	+19:53:55	300	90	3.0	#185 NGC3227 M	2	
0163.Feige34	360	12:04	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0164.Feige34	360	12:10	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0165.COMP	10	12:17	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0166.N2331112296	30	12:19	08:44:47.9	+40:44:26	300	90	3.0	#184 M44 Varia	2	
0167.N2331132261	30	12:20	08:37:16.6	+41:22:26	300	90	3.0	#184 M44 Varia	2	
0168.N233110144	30	12:21	08:30:47.9	+41:22:23	300	90	3.0	#184 M44 Varia	2	
0169.COMP	10	12:22	08:30:47.9	+41:22:23	300	90	3.0	#184 M44 Varia	2	
0170.N2333003523	60	12:23	08:28:16.6	+39:04:19	300	90	3.0	#184 M44 Varia	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>Bin</i>	<i>Comments</i>
0171.COMP	10	12:24	08:28:16.6	+39:04:19	300	90	3.0	#184 M44 Varia	2	
0172.N2332013917	60	12:25	08:16:12.9	+26:41:14	300	90	3.0	#184 M44 Varia	2	
0173.N2332011190	180	12:27	08:13:34.0	+27:26:54	300	90	3.0	#184 M44 Varia	2	
0174.COMP	10	12:30	08:13:34.0	+27:26:54	300	90	3.0	#184 M44 Varia	2	
0175.N2312302789	180	12:32	08:29:47.5	+18:46:58	300	90	3.0	#184 M44 Varia	2	
0176.N231232163	180	12:36	08:23:21.8	+18:41:34	300	90	3.0	#184 M44 Varia	2	
0177.COMP	10	12:39	08:23:21.8	+18:41:34	300	90	3.0	#184 M44 Varia	2	
0178.N3227	360	12:41	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0179.COMP	10	12:47	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0180-0189.BIAS	0	12:51	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0190-0204.FLAT	7	12:57	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	
0205-0209.DARK	900	14:15	10:23:30.6	+19:51:54	300	90	3.0	#185 NGC3227 M	2	