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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.BIAS	0	1:22	18:26:03.7	+31:29:32	300	90	3.0	#160 2MACS	4	ccd is rotated slightly, lines tilted, will fix manana
0002-0010.BIAS	0	1:23	18:27:08.8	+31:29:32	300	90	3.0	#160 2MACS	4	
0011-0016.FLAT	8	1:25	18:29:10.8	+31:29:31	300	90	3.0	#160 2MACS	4	
0017-0020.FLAT	8	1:27	18:30:33.0	+31:29:30	300	90	3.0	#160 2MACS	4	
0021-0023.BIAS	0	1:27	18:31:12.6	+31:29:30	300	90	3.0	#160 2MACS	2	
0024-0030.BIAS	0	1:29	18:32:43.3	+31:29:29	300	90	3.0	#160 2MACS	2	
0031.FLAT	16	1:29	18:33:22.0	+31:29:29	300	90	3.0	#160 2MACS	2	
0032-0035.FLAT	16	1:31	18:35:23.5	+31:29:28	300	90	3.0	#160 2MACS	2	
0036-0039.FLAT	16	1:33	18:37:25.2	+31:29:27	300	90	3.0	#160 2MACS	2	
0040-0043.FLAT	16	1:35	18:39:26.6	+31:29:26	300	90	3.0	#160 2MACS	2	
0044-0047.FLAT	16	1:37	18:41:28.1	+31:29:25	300	90	3.0	#160 2MACS	2	
0048-0051.FLAT	16	1:39	18:43:26.2	+31:29:24	300	90	3.0	#160 2MACS	2	
0052.sky	20	1:41	18:48:00	32:00:00	300	90	3.0	#57 Velocity S	4	note longer than usual exposure time
0053-0054.sky	20	1:42	18:48:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0055.COMP	5	1:43	18:48:00	32:00:00	300	90	3.0	#57 Velocity S	4	scattered clouds
0056.PUVu1	5	2:02	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	4	
0057.PUVu1	30	2:03	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	4	
0058.PUVu1	90	2:04	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	4	
0059.COMP	5	2:06	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	4	
0060.sn2005ej	1200	2:16	18:53:38.4	+66:13:59	300	-10	3.0	#2 SN Observat	2	

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0061.COMP	10	2:36	18:53:38.4	+66:13:59	300	-10	3.0	#2 SN Observat	2	
0062.2M20312525+6015374	480	2:40	20:31:25.2	+60:15:37	300	90	3.0	#141 Mapping t	2	please ignore fainter comp to east
0063.COMP	10	2:49	20:31:25.2	+60:15:37	300	90	3.0	#141 Mapping t	2	
0064.2M20353036+5913528	720	2:50	20:35:30.3	+59:13:52	300	90	3.0	#141 Mapping t	4	
0065.COMP	5	3:02	20:35:30.3	+59:13:52	300	90	3.0	#141 Mapping t	4	
0066.2M20370963+6022358	660	3:03	20:37:9.6	+60:22:35	300	100	3.0	#141 Mapping t	4	
0067.COMP	5	3:14	20:37:9.6	+60:22:35	300	100	3.0	#141 Mapping t	4	
0068.2M20384818+6039233	1200	3:16	20:38:48.1	+60:39:23	300	110	3.0	#141 Mapping t	2	
0069.COMP	10	3:37	20:38:48.1	+60:39:23	300	110	3.0	#141 Mapping t	2	
0070.2M22141269+3153327	420	3:38	22:14:12.6	+31:53:32	300	110	3.0	#141 Mapping t	4	
0071.COMP	5	3:46	22:14:12.6	+31:53:32	300	110	3.0	#141 Mapping t	4	
0072.2M22112195+3853064	300	3:46	22:11:21.9	+38:53:6	300	70	3.0	#141 Mapping t	4	
0073.COMP	5	3:52	22:11:21.9	+38:53:6	300	70	3.0	#141 Mapping t	4	
0074.2M22143842+3257177	720	3:52	22:14:38.4	+32:57:17	300	70	3.0	#141 Mapping t	4	
0075.COMP	5	4:05	22:14:38.4	+32:57:17	300	70	3.0	#141 Mapping t	4	
0076.2M22223655+4103294	300	4:06	22:22:36.5	+41:03:29	300	60	3.0	#141 Mapping t	4	
0077.COMP	5	4:11	22:22:36.5	+41:03:29	300	60	3.0	#141 Mapping t	4	
0078.2M22232025+3512492	600	4:12	22:23:20.2	+35:12:49	300	60	3.0	#141 Mapping t	4	
0079.COMP	5	4:22	22:23:20.2	+35:12:49	300	60	3.0	#141 Mapping t	4	
0080.2M22235666+3541557	330	4:23	22:23:56.6	+35:41:55	300	55	3.0	#141 Mapping t	4	

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0081.COMP	5	4:29	22:23:56.6	+35:41:55	300	55	3.0	#141 Mapping t	4	
0082.2M22262353+3545518	330	4:31	22:26:23.5	+35:45:51	300	55	3.0	#141 Mapping t	4	
0083.COMP	5	4:36	22:26:23.5	+35:45:51	300	55	3.0	#141 Mapping t	4	
0084.2M22270036+3525581	300	4:37	22:27:0.3	+35:25:58	300	55	3.0	#141 Mapping t	4	
0085.COMP	5	4:43	22:27:0.3	+35:25:58	300	55	3.0	#141 Mapping t	4	
0086.2M22265203+3647484	240	4:43	22:26:52.0	+36:47:48	300	90	3.0	#141 Mapping t	4	
0087.COMP	5	4:48	22:26:52.0	+36:47:48	300	90	3.0	#141 Mapping t	4	
0088.2M22363785+3850086	240	4:49	22:36:37.8	+38:50:8	300	90	3.0	#141 Mapping t	4	
0089.COMP	5	4:53	22:36:37.8	+38:50:8	300	90	3.0	#141 Mapping t	4	
0090.2M22404656+3437520	300	4:54	22:40:46.5	+34:37:51	300	90	3.0	#141 Mapping t	4	
0091.COMP	5	4:59	22:40:46.5	+34:37:51	300	90	3.0	#141 Mapping t	4	
0092.BDp284211	90	5:00	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0093.BDp284211	90	5:02	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0094.BDp284211	90	5:04	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0095.COMP	10	5:06	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0096.BDp174708	45	5:07	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0097.BDp174708	45	5:09	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0098.BDp174708	45	5:10	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0099.COMP	10	5:11	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0100.BDp174708	45	5:12	22:11:31.4	18:05:33	300	8	3.0	#56 Spectropho	2	

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0101.BDp174708	45	5:13	22:11:31.4	18:05:33	300	8	3.0	#56 Spectropho	2	
0102.BDp174708	45	5:15	22:11:31.4	18:05:33	300	8	3.0	#56 Spectropho	2	
0103.COMP	10	5:16	22:11:31.4	18:05:33	300	8	3.0	#56 Spectropho	2	
0104.158m213	300	5:19	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	4	
0105.COMP	5	5:24	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	4	
0106.0076_07	420	5:26	00:40:44.6	+06:33:32	300	90	3.0	#160 2MACS	4	
0107.COMP	5	5:33	00:40:44.6	+06:33:32	300	90	3.0	#160 2MACS	4	
0108.0076_06	450	5:34	00:38:45.8	+06:28:03	300	90	3.0	#160 2MACS	4	
0109.COMP	5	5:41	00:38:45.8	+06:28:03	300	90	3.0	#160 2MACS	4	
0110.0076_08	720	5:42	00:39:17.0	+06:34:15	300	90	3.0	#160 2MACS	4	
0111.COMP	5	5:55	00:39:17.0	+06:34:15	300	90	3.0	#160 2MACS	4	
0112.0076_09	480	5:56	00:40:16.9	+06:37:38	300	90	3.0	#160 2MACS	4	
0113.COMP	5	6:04	00:40:16.9	+06:37:38	300	90	3.0	#160 2MACS	4	
0114.0076_10	600	6:05	00:40:56.3	+06:37:43	300	90	3.0	#160 2MACS	4	
0115.COMP	5	6:15	00:40:56.3	+06:37:43	300	90	3.0	#160 2MACS	4	clouds moving in
0116.0076_11	600	6:28	00:38:27.6	+06:39:33	300	90	3.0	#160 2MACS	4	
0117.COMP	5	6:39	00:38:27.6	+06:39:33	300	90	3.0	#160 2MACS	4	
0118.EGAnd	30	6:42	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	4	
0119.EGAnd	30	6:44	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	4	
0120.EGAnd	10	6:45	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	4	

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0121.COMP	5	6:46	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	4	
0122.AXPer	5	6:48	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	4	clouds
0123.AXPer	30	6:50	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	4	
0124.AXPer	90	6:51	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	4	
0125.AXPer	60	6:52	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	4	
0126.AXPer	330	7:00	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	4	
0127.COMP	5	7:06	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	4	
0128.MRK335	150	7:57	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	4	
0129.MRK335	150	8:00	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	4	
0130.COMP	5	8:03	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	4	
0131.0076_12	720	8:04	00:38:28.8	+06:41:14	300	90	3.0	#160 2MACS	4	
0132.COMP	5	8:16	00:38:28.8	+06:41:14	300	90	3.0	#160 2MACS	4	
0133.0076_13	660	8:17	00:40:33.2	+06:41:24	300	90	3.0	#160 2MACS	4	
0134.COMP	5	8:28	00:40:33.2	+06:41:24	300	90	3.0	#160 2MACS	4	
0135.0076_14	420	8:29	00:39:16.3	+06:42:48	300	90	3.0	#160 2MACS	4	
0136.COMP	5	8:36	00:39:16.3	+06:42:48	300	90	3.0	#160 2MACS	4	
0137.sn2005ek	1800	8:39	03:05:48.9	+36:46:10	300	77	3.0	#2 SN Observat	2	
0138.COMP	10	9:10	03:05:48.9	+36:46:10	300	77	3.0	#2 SN Observat	2	
0139.sn2005M006	1500	9:15	02:30:27.2	-09:16:10	300	0	3.0	#2 SN Observat	2	
0140.COMP	10	9:40	02:30:27.2	-09:16:10	300	0	3.0	#2 SN Observat	2	

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0141.0076_15	480	9:45	00:40:59.1	+06:43:12	300	90	3.0	#160 2MACS	4	
0142.COMP	5	9:54	00:40:59.1	+06:43:12	300	90	3.0	#160 2MACS	4	
0143.0076_16	540	9:54	00:39:43.4	+06:44:09	300	90	3.0	#160 2MACS	4	
0144.COMP	5	10:04	00:39:43.4	+06:44:09	300	90	3.0	#160 2MACS	4	
0145.0076_17	330	10:05	00:40:34.1	+06:45:09	300	90	3.0	#160 2MACS	4	
0146.COMP	5	10:10	00:40:34.1	+06:45:09	300	90	3.0	#160 2MACS	4	
0147.0076_18	330	10:12	00:39:41.2	+06:45:22	300	95	3.0	#160 2MACS	4	
0148.COMP	5	10:17	00:39:41.2	+06:45:22	300	95	3.0	#160 2MACS	4	
0149.0076_19	270	10:18	00:38:49.7	+06:46:42	300	95	3.0	#160 2MACS	4	
0150.COMP	5	10:23	00:38:49.7	+06:46:42	300	95	3.0	#160 2MACS	4	
0151.0076_20	360	10:23	00:41:59.1	+06:48:41	300	95	3.0	#160 2MACS	4	
0152.COMP	5	10:30	00:41:59.1	+06:48:41	300	95	3.0	#160 2MACS	4	
0153.0150_01	720	10:31	01:08:18.2	12:52:46	300	90	3.0	#160 2MACS	4	target gal was the nw of pair
0154.COMP	5	10:44	01:08:18.2	12:52:46	300	90	3.0	#160 2MACS	4	
0155.0150_02	720	10:44	01:09:6.3	13:05:39	300	90	3.0	#160 2MACS	4	
0156.COMP	5	10:57	01:09:6.3	13:05:39	300	90	3.0	#160 2MACS	4	
0157.0150_03	540	10:58	01:09:23.5	13:05:43	300	90	3.0	#160 2MACS	4	
0158.COMP	5	11:07	01:09:23.5	13:05:43	300	90	3.0	#160 2MACS	4	
0159.sn2005e1	1200	11:11	05:11:48.7	+05:11:39	300	-15	3.0	#2 SN Observat	2	
0160.COMP	10	11:32	05:11:48.7	+05:11:39	300	-15	3.0	#2 SN Observat	2	

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0161.0397_01	900	11:34	02:57:24.1	+15:07:38	300	90	3.0	#160 2MACS	2	more clouds
0162.COMP	10	11:49	02:57:24.1	+15:07:38	300	90	3.0	#160 2MACS	2	
0163.NGC1700	240	11:56	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	4	
0164.COMP	5	12:00	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	4	
0165-0174.BIAS	0	12:03	04:56:58.1	-04:52:23	300	90	3.0	#2 SN Observat	4	
0175-0184.FLAT	8	12:06	04:56:58.1	-04:52:23	300	90	3.0	#2 SN Observat	4	
0185-0194.BIAS	0	12:08	04:56:58.1	-04:52:23	300	90	3.0	#2 SN Observat	2	
0195-0215.FLAT	16	12:19	04:56:58.1	-04:52:23	300	90	3.0	#2 SN Observat	2	
0216.test	30	12:22	04:56:58.1	-04:52:23	300	90	3.0	#2 SN Observat	1	
0217-0226.DARK	900	14:47	04:56:58.1	-04:52:23	300	90	3.0	#2 SN Observat	4	
0227-0236.DARK	900	17:20	04:56:58.1	-04:52:23	300	90	3.0	#2 SN Observat	2	