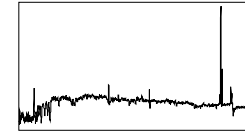


UT Date 2005-04-17 Observers J Gallagher and P GarnavichColl. Focus 1000 Grating/Grism 300

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bir | Comments |
|----------------|----------|----------|------------|----------|-----|------|------|----------------|-----|----------|
| 0001.BIAS | 0 | 21:51 | 20:30:31.7 | 52:37:50 | 300 | 90 | 3.0 | #2 SN Host Obs | 2 | |
| 0002-0011.DARK | 900 | 0:09 | 20:30:31.7 | 52:37:50 | 300 | 90 | 3.0 | #2 SN Host Obs | 2 | |
| 0012-0021.BIAS | 0 | 0:40 | 20:30:31.7 | 52:37:50 | 300 | 90 | 3.0 | #2 SN Host Obs | 2 | |
| 0022-0041.FLAT | 12 | 0:56 | 20:30:31.7 | 52:37:50 | 300 | 90 | 3.0 | #2 SN Host Obs | 2 | |
| 0042.sky | 5 | 2:03 | 20:30:31.7 | 52:37:50 | 300 | 90 | 3.0 | #2 SN Host Obs | 2 | |
| 0043-0046.sky | 4 | 2:05 | 20:30:31.7 | 52:37:50 | 300 | 90 | 3.0 | #2 SN Host Obs | 2 | |
| 0047.COMP | 12 | 2:06 | 20:30:31.7 | 52:37:50 | 300 | 90 | 3.0 | #2 SN Host Obs | 2 | |
| 0048.HD84937 | 10 | 2:22 | 09:48:54.8 | 13:45:13 | 300 | -30 | 3.0 | #56 Spectropho | 2 | |
| 0049.HD84937 | 10 | 2:23 | 09:48:54.8 | 13:45:13 | 300 | -30 | 3.0 | #56 Spectropho | 2 | |
| 0050.HD84937 | 10 | 2:23 | 09:48:54.8 | 13:45:13 | 300 | -30 | 3.0 | #56 Spectropho | 2 | |
| 0051.COMP | 12 | 2:24 | 09:48:54.8 | 13:45:13 | 300 | -30 | 3.0 | #56 Spectropho | 2 | |
| 0052.Feige34 | 100 | 2:31 | 10:39:36.8 | 43:06:10 | 300 | -30 | 3.0 | #56 Spectropho | 2 | |
| 0053.Feige34 | 70 | 2:35 | 10:39:36.8 | 43:06:10 | 300 | -30 | 3.0 | #56 Spectropho | 2 | |
| 0054.Feige34 | 70 | 2:37 | 10:39:36.8 | 43:06:10 | 300 | -30 | 3.0 | #56 Spectropho | 2 | |
| 0055.COMP | 12 | 2:38 | 10:39:36.8 | 43:06:10 | 300 | -30 | 3.0 | #56 Spectropho | 2 | |
| 0056.ngc_2841 | 300 | 2:47 | 09:22:02.6 | 50:58:35 | 300 | 49 | 3.0 | #56 Spectropho | 2 | |
| 0057.ngc_2841 | 300 | 2:52 | 09:22:02.6 | 50:58:35 | 300 | 49 | 3.0 | #56 Spectropho | 2 | |
| 0058.ngc_2841 | 300 | 2:58 | 09:22:02.6 | 50:58:35 | 300 | 49 | 3.0 | #56 Spectropho | 2 | |
| 0059.COMP | 12 | 3:05 | 09:22:02.6 | 50:58:35 | 300 | 49 | 3.0 | #56 Spectropho | 2 | |
| 0060.ngc_2962 | 600 | 3:10 | 09:40:54 | 05:09:57 | 300 | 0 | 3.0 | #56 Spectropho | 2 | |

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| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bir | Comments |
|---------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0061.ngc_2962 | 600 | 3:20 | 09:40:54 | 05:09:57 | 300 | 0 | 3.0 | #56 Spectropho | 2 | |
| 0062.ngc_2962 | 600 | 3:31 | 09:40:54 | 05:09:57 | 300 | 0 | 3.0 | #56 Spectropho | 2 | |
| 0063.COMP | 12 | 3:41 | 09:40:54 | 05:09:57 | 300 | 0 | 3.0 | #56 Spectropho | 2 | |
| 0064.ngc_2986 | 600 | 3:45 | 09:44:16 | -21:16:41 | 300 | 10 | 3.0 | #56 Spectropho | 2 | |
| 0065.ngc_2986 | 600 | 3:56 | 09:44:16 | -21:16:41 | 300 | 10 | 3.0 | #56 Spectropho | 2 | |
| 0066.ngc_2986 | 600 | 4:06 | 09:44:16 | -21:16:41 | 300 | 10 | 3.0 | #56 Spectropho | 2 | |
| 0067.COMP | 12 | 4:17 | 09:44:16 | -21:16:41 | 300 | 10 | 3.0 | #56 Spectropho | 2 | |
| 0068.ngc4552 | 300 | 4:26 | 12:35:40 | 12:33:22 | 300 | -30 | 3.0 | #2 SN Ia Host | 2 | |
| 0069.ngc4552 | 300 | 4:31 | 12:35:40 | 12:33:22 | 300 | -30 | 3.0 | #2 SN Ia Host | 2 | |
| 0070.ngc4552 | 300 | 4:36 | 12:35:40 | 12:33:22 | 300 | -30 | 3.0 | #2 SN Ia Host | 2 | |
| 0071.COMP | 12 | 4:42 | 12:35:40 | 12:33:22 | 300 | -30 | 3.0 | #2 SN Ia Host | 2 | |
| 0072.ngc4649 | 180 | 4:53 | 12:43:40.1 | 11:33:08 | 300 | 90 | 3.0 | #2 SN Ia Host | 2 | |
| 0073.ngc4649 | 180 | 4:56 | 12:43:40.1 | 11:33:08 | 300 | 90 | 3.0 | #2 SN Ia Host | 2 | |
| 0074.ngc4649 | 180 | 5:00 | 12:43:40.1 | 11:33:08 | 300 | 90 | 3.0 | #2 SN Ia Host | 2 | |
| 0075.COMP | 12 | 5:04 | 12:43:40.1 | 11:33:08 | 300 | 90 | 3.0 | #2 SN Ia Host | 2 | |
| 0076.sbs11:53 | 900 | 5:19 | 11:53:24.9 | 59:39:55 | 300 | 13 | 3.0 | #2 SN Ia Host | 2 | |
| 0077.sbs11:53 | 900 | 5:35 | 11:53:24.9 | 59:39:55 | 300 | 13 | 3.0 | #2 SN Ia Host | 2 | |
| 0078.COMP | 12 | 5:50 | 11:53:24.9 | 59:39:55 | 300 | 13 | 3.0 | #2 SN Ia Host | 2 | |
| 0079.NGC4493 | 900 | 5:55 | 12:31:09.7 | +00:36:36 | 300 | 40 | 3.0 | #2 SN Host Obs | 2 | |
| 0080.NGC4493 | 900 | 6:10 | 12:31:09.7 | +00:36:36 | 300 | 40 | 3.0 | #2 SN Host Obs | 2 | |

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| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bir | Comments |
|---------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0081.NGC4493 | 900 | 6:26 | 12:31:09.7 | +00:36:36 | 300 | 40 | 3.0 | #2 SN Host Obs | 2 | |
| 0082.COMP | 12 | 6:41 | 12:31:09.7 | +00:36:36 | 300 | 40 | 3.0 | #2 SN Host Obs | 2 | |
| 0083.ngc_5061 | 180 | 6:45 | 13:18:5.1 | -26:50:14 | 300 | -30 | 3.0 | #2 SN Host Obs | 2 | |
| 0084.ngc_5061 | 180 | 6:49 | 13:18:5.1 | -26:50:14 | 300 | -30 | 3.0 | #2 SN Host Obs | 2 | |
| 0085.ngc_5061 | 180 | 6:52 | 13:18:5.1 | -26:50:14 | 300 | -30 | 3.0 | #2 SN Host Obs | 2 | |
| 0086.ngc_5061 | 180 | 6:55 | 13:18:5.1 | -26:50:14 | 300 | -30 | 3.0 | #2 SN Host Obs | 2 | |
| 0087.COMP | 12 | 6:59 | 13:18:5.1 | -26:50:14 | 300 | -30 | 3.0 | #2 SN Host Obs | 2 | |
| 0088.sn2005az | 1800 | 7:11 | 13:05:46.9 | 27:44:8 | 300 | 48 | 3.0 | Bright Stars | 2 | |
| 0089.COMP | 12 | 7:42 | 13:05:46.9 | 27:44:8 | 300 | 48 | 3.0 | Bright Stars | 2 | |
| 0090.sn1993o | 1200 | 7:48 | 13:31:08.9 | -33:12:58 | 300 | 80 | 3.0 | Bright Stars | 2 | |
| 0091.sn1993o | 1200 | 8:13 | 13:31:08.9 | -33:12:58 | 300 | 80 | 3.0 | Bright Stars | 2 | |
| 0092.sn1993o | 1200 | 8:34 | 13:31:08.9 | -33:12:58 | 300 | 80 | 3.0 | Bright Stars | 2 | |
| 0093.COMP | 12 | 8:55 | 13:31:08.9 | -33:12:58 | 300 | 80 | 3.0 | Bright Stars | 2 | |
| 0094.ngc5308 | 900 | 9:01 | 13:47:00.4 | 60:58:23 | 300 | 60 | 3.0 | #2 SN Host Obs | 2 | |
| 0095.ngc5308 | 900 | 9:17 | 13:47:00.4 | 60:58:23 | 300 | 60 | 3.0 | #2 SN Host Obs | 2 | |
| 0096.COMP | 12 | 9:33 | 13:47:00.4 | 60:58:23 | 300 | 60 | 3.0 | #2 SN Host Obs | 2 | |
| 0097.ngc_5440 | 600 | 9:37 | 14:03:01 | 34:45:29 | 300 | 40 | 3.0 | #2 SN Host Obs | 2 | |
| 0098.ngc_5440 | 600 | 9:47 | 14:03:01 | 34:45:29 | 300 | 40 | 3.0 | #2 SN Host Obs | 2 | |
| 0099.ngc_5440 | 600 | 9:58 | 14:03:01 | 34:45:29 | 300 | 40 | 3.0 | #2 SN Host Obs | 2 | |
| 0100.COMP | 12 | 10:08 | 14:03:01 | 34:45:29 | 300 | 40 | 3.0 | #2 SN Host Obs | 2 | |

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| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bir | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0101.ngc_5490 | 450 | 10:13 | 14:09:57 | 17:32:44 | 300 | 0 | 3.0 | #2 SN Host Obs | 2 | |
| 0102.ngc_5490 | 450 | 10:21 | 14:09:57 | 17:32:44 | 300 | 0 | 3.0 | #2 SN Host Obs | 2 | |
| 0103.ngc_5490 | 450 | 10:28 | 14:09:57 | 17:32:44 | 300 | 0 | 3.0 | #2 SN Host Obs | 2 | |
| 0104.COMP | 12 | 10:36 | 14:09:57 | 17:32:44 | 300 | 0 | 3.0 | #2 SN Host Obs | 2 | |
| 0105.CGCG224 | 900 | 10:43 | 16:49:51.0 | +40:26:00 | 300 | 90 | 3.0 | #2 SN Host Obs | 2 | |
| 0106.CGCG224 | 900 | 10:59 | 16:49:51.0 | +40:26:00 | 300 | 90 | 3.0 | #2 SN Host Obs | 2 | |
| 0107.CGCG224 | 900 | 11:14 | 16:49:51.0 | +40:26:00 | 300 | 90 | 3.0 | #2 SN Host Obs | 2 | |
| 0108.COMP | 12 | 11:30 | 16:49:51.0 | +40:26:00 | 300 | 90 | 3.0 | #2 SN Host Obs | 2 | |
| 0109.ngc_6411 | 300 | 11:33 | 17:35:32.4 | 60:48:48 | 300 | 70 | 3.0 | #2 SN Host Obs | 2 | |
| 0110.COMP | 12 | 11:38 | 17:35:32.4 | 60:48:48 | 300 | 70 | 3.0 | #2 SN Host Obs | 2 | |
| 0111.novacyg05 | 900 | 11:42 | 20:09:19 | 39:48:48 | 300 | 70 | 3.0 | #2 SN Host Obs | 2 | |
| 0112.novacyg05 | 600 | 11:57 | 20:09:19 | 39:48:48 | 300 | 70 | 3.0 | #2 SN Host Obs | 2 | |
| 0113.COMP | 12 | 12:08 | 20:09:19 | 39:48:48 | 300 | 70 | 3.0 | #2 SN Host Obs | 2 | |
| 0114-0123.BIAS | 0 | 12:11 | 20:09:19 | 39:48:48 | 300 | 70 | 3.0 | #2 SN Host Obs | 2 | |
| 0124-0143.FLAT | 12 | 12:23 | 20:09:19 | 39:48:48 | 300 | 70 | 3.0 | #2 SN Host Obs | 2 | |
| 0144-0147.sky | 15 | 12:35 | 20:09:19 | 39:48:48 | 300 | 70 | 3.0 | #2 SN Host Obs | 2 | |
| 0148.COMP | 12 | 12:36 | 20:09:19 | 39:48:48 | 300 | 70 | 3.0 | #2 SN Host Obs | 2 | |
| 0149-0158.DARK | 900 | 14:56 | 20:09:19 | 39:48:48 | 300 | 70 | 3.0 | #2 SN Host Obs | 2 | |