

UT Date 2006-10-02 Observers T CurrieColl. Focus 1320 Grating/Grism 300

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0001.BIAS | 0 | 23:40 | 05:02:01.2 | -21:07:55 | 300 | -9 | 3.0 | #129 CHAMP Sou | 2 | |
| 0002-0006.DARK | 900 | 0:43 | 05:02:01.2 | -21:07:55 | 300 | -9 | 3.0 | #129 CHAMP Sou | 2 | |
| 0007-0016.BIAS | 0 | 1:52 | 19:04:04.3 | +31:29:07 | 300 | 90 | 3.0 | #129 CHAMP Sou | 2 | |
| 0017-0031.FLAT | 25 | 2:02 | 19:04:04.3 | +31:29:07 | 300 | 90 | 3.0 | #129 CHAMP Sou | 2 | |
| 0032.COMP | 12 | 2:07 | 19:04:04.3 | +31:29:07 | 300 | 90 | 3.0 | #129 CHAMP Sou | 2 | |
| 0033.COMP | 12 | 2:10 | 19:04:04.3 | +31:29:07 | 300 | 90 | 3.0 | #129 CHAMP Sou | 2 | |
| 0034.COMP | 12 | 2:12 | 19:04:04.3 | +31:29:07 | 300 | 90 | 3.0 | #129 CHAMP Sou | 2 | |
| 0035.fmfa467 | 600 | 2:26 | 17:32:15.3 | 42:53:58 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0036.COMP | 12 | 2:36 | 17:32:15.3 | 42:53:58 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0037.fmfa466 | 600 | 2:50 | 17:31:37.6 | 42:53:13 | 300 | 90 | 3.0 | #171 Local Uni | 2 | AGN! |
| 0038.COMP | 12 | 3:01 | 17:31:37.6 | 42:53:13 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0039.fmfa468 | 600 | 3:04 | 17:32:18.8 | 44:34:11 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0040.COMP | 12 | 3:14 | 17:32:18.8 | 44:34:11 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0041.sn2006gz | 1500 | 3:27 | 18:10:26.3 | 30:59:44 | 300 | 79 | 3.0 | #2 SN Observat | 2 | |
| 0042.COMP | 12 | 3:52 | 18:10:26.3 | 30:59:44 | 300 | 79 | 3.0 | #2 SN Observat | 2 | |
| 0043.fmfa516 | 900 | 3:58 | 21:15:07.4 | 2:00:42 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0044.COMP | 12 | 4:13 | 21:15:07.4 | 2:00:42 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0045.fmfa517 | 1200 | 4:16 | 21:15:12.7 | 2:11:35 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0046.COMP | 12 | 4:37 | 21:15:12.7 | 2:11:35 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0047.fmfa037 | 900 | 4:47 | 01:10:47.7 | 32:28:38 | 300 | 90 | 3.0 | #171 Local Uni | 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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0048.COMP | 12 | 5:03 | 01:10:47.7 | 32:28:38 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0049.fmfa040 | 600 | 5:06 | 01:11:17.4 | 33:06:50 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0050.fmfa039 | 600 | 5:19 | 01:11:14.2 | 33:24:15 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0051.COMP | 12 | 5:29 | 01:11:14.2 | 33:24:15 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0052.BDp284211 | 90 | 5:32 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0053.BDp284211 | 90 | 5:33 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0054.COMP | 12 | 5:35 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0055.BDp174708 | 45 | 5:37 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0056.BDp174708 | 45 | 5:38 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0057.BDp174708 | 45 | 5:39 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0058.COMP | 12 | 5:40 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0059.N7331 | 180 | 5:43 | 22:34:46.9 | +34:09:43 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0060.COMP | 12 | 5:46 | 22:34:46.9 | +34:09:43 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0061.sn2006gr | 1800 | 5:51 | 22:32:22.6 | +30:49:43 | 300 | 82 | 3.0 | #2 SN Observat | 2 | |
| 0062.COMP | 12 | 6:22 | 22:32:22.6 | +30:49:43 | 300 | 82 | 3.0 | #2 SN Observat | 2 | |
| 0063.fmfa041 | 900 | 6:25 | 01:11:45.3 | 33:25:57 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0064.COMP | 12 | 6:40 | 01:11:45.3 | 33:25:57 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0065.fmfa042 | 900 | 6:42 | 01:11:53.9 | 33:12:42 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0066.COMP | 12 | 6:57 | 01:11:53.9 | 33:12:42 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0067.fmfa043 | 600 | 6:59 | 01:12:09.5 | 33:03:13 | 300 | 90 | 3.0 | #171 Local Uni | 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> |
|---------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0068.COMP | 12 | 7:10 | 01:12:09.5 | 33:03:13 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0069.fmfa044 | 600 | 7:12 | 01:12:18.1 | 33:09:23 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0070.COMP | 12 | 7:22 | 01:12:18.1 | 33:09:23 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0071.fmfa045 | 600 | 7:25 | 01:12:21.2 | 31:59:44 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0072.COMP | 12 | 7:35 | 01:12:21.2 | 31:59:44 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0073.fmfa046 | 600 | 7:38 | 01:14:16.7 | 33:19:58 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0074.fmfa046 | 600 | 7:49 | 01:14:16.7 | 33:19:58 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0075.COMP | 12 | 8:00 | 01:14:16.7 | 33:19:58 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0076.fmfa047 | 900 | 8:03 | 01:14:47.0 | 31:47:30 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0077.COMP | 12 | 8:19 | 01:14:47.0 | 31:47:30 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0078.fmfa048 | 900 | 8:22 | 01:15:09.2 | 32:38:34 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0079.COMP | 12 | 8:37 | 01:15:09.2 | 32:38:34 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0080.hxPer11 | 420 | 8:41 | 2:17:37.9 | 56:53:51 | 300 | 85 | 3.0 | #170 h & chi P | 2 | |
| 0081.COMP | 12 | 8:49 | 2:17:37.9 | 56:53:51 | 300 | 85 | 3.0 | #170 h & chi P | 2 | |
| 0082.hxPer112 | 420 | 8:51 | 2:21:26.6 | 57:26:7 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0083.COMP | 12 | 8:58 | 2:21:26.6 | 57:26:7 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0084.hxPer111 | 300 | 9:02 | 2:20:20.1 | 57:30:27 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0085.COMP | 12 | 9:07 | 2:20:20.1 | 57:30:27 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0086.hxPer113 | 300 | 9:10 | 2:23:21.3 | 56:47:25 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0087.COMP | 12 | 9:15 | 2:23:21.3 | 56:47:25 | 300 | 90 | 3.0 | #170 h & chi P | 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> |
|---------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0088.hxPer114 | 300 | 9:19 | 2:20:51.6 | 56:54:37 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0089.COMP | 12 | 9:24 | 2:20:51.6 | 56:54:37 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0090.Phaethon | 600 | 9:48 | 02:31:16.7 | 75:20:05 | 300 | 1 | 3.0 | #173 Small Sol | 2 | |
| 0091.COMP | 12 | 9:58 | 02:31:16.7 | 75:20:05 | 300 | 1 | 3.0 | #173 Small Sol | 2 | |
| 0092.HD23650 | 20 | 10:04 | 03:49:34.9 | +58:46:05 | 300 | 90 | 3.0 | #173 Small Sol | 2 | |
| 0093.COMP | 12 | 10:05 | 03:49:34.9 | +58:46:05 | 300 | 90 | 3.0 | #173 Small Sol | 2 | |
| 0094.Phaethon | 300 | 10:13 | 02:30:47.9 | 75:19:18 | 300 | 0 | 3.0 | #173 Small Sol | 2 | |
| 0095.HD23650 | 20 | 10:21 | 03:49:34.9 | +58:46:05 | 300 | 70 | 3.0 | #173 Small Sol | 2 | |
| 0096.COMP | 12 | 10:22 | 03:49:34.9 | +58:46:05 | 300 | 70 | 3.0 | #173 Small Sol | 2 | |
| 0097.Phaethon | 300 | 10:31 | 02:30:28.8 | 75:18:46 | 300 | 0 | 3.0 | #173 Small Sol | 2 | |
| 0098.COMP | 12 | 10:36 | 02:30:28.8 | 75:18:46 | 300 | 0 | 3.0 | #173 Small Sol | 2 | |
| 0099.HD23650 | 20 | 10:40 | 03:49:34.9 | +58:46:05 | 300 | 90 | 3.0 | #173 Small Sol | 2 | |
| 0100.COMP | 12 | 10:40 | 03:49:34.9 | +58:46:05 | 300 | 90 | 3.0 | #173 Small Sol | 2 | |
| 0101.Phaethon | 300 | 10:47 | 02:30:19.2 | 75:18:30 | 300 | 0 | 3.0 | #173 Small Sol | 2 | |
| 0102.COMP | 12 | 10:53 | 02:30:19.2 | 75:18:30 | 300 | 0 | 3.0 | #173 Small Sol | 2 | |
| 0103.sn2006hb | 1200 | 11:00 | 05:02:01.2 | -21:07:55 | 300 | -11 | 3.0 | #2 SN Observat | 2 | |
| 0104.COMP | 12 | 11:21 | 05:02:01.2 | -21:07:55 | 300 | -11 | 3.0 | #2 SN Observat | 2 | |
| 0105.hxPer115 | 300 | 11:27 | 2:18:58.5 | 57:20:30 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0106.COMP | 12 | 11:32 | 2:18:58.5 | 57:20:30 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0107.hxPer116 | 300 | 11:35 | 2:22:51.1 | 56:54:0 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |

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|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0108.COMP | 12 | 11:40 | 2:22:51.1 | 56:54:0 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0109.hxPer117 | 300 | 11:42 | 2:19:8.5 | 57:27:57 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0110.COMP | 12 | 11:48 | 2:19:8.5 | 57:27:57 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0111.hxPer118 | 300 | 11:49 | 2:18:35.6 | 56:43:48 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0112.COMP | 12 | 11:55 | 2:18:35.6 | 56:43:48 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0113.hxPer119 | 300 | 11:58 | 2:24:2.6 | 57:7:10 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0114.COMP | 12 | 12:03 | 2:24:2.6 | 57:7:10 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0115.fmfa254 | 900 | 12:09 | 04:12:29.0 | 2:34:07 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0116.COMP | 12 | 12:24 | 04:12:29.0 | 2:34:07 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0117-0126.BIAS | 0 | 12:30 | 04:12:37.3 | 2:21:11 | 300 | 90 | 3.0 | #129 CHAMP Sou | 2 | |
| 0127-0136.FLAT | 25 | 12:39 | 04:12:37.3 | 2:21:11 | 300 | 90 | 3.0 | #129 CHAMP Sou | 2 | |
| 0137-0146.DARK | 900 | 15:16 | 04:12:37.3 | 2:21:11 | 300 | 90 | 3.0 | #129 CHAMP Sou | 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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0001-0010.DARK | 900 | 0:26 | 04:12:37.3 | 2:21:11 | 300 | 90 | 3.0 | #129 CHAMP Sou | 2 | |
| 0011-0020.BIAS | 0 | 0:45 | 04:12:37.3 | 2:21:11 | 300 | 90 | 3.0 | #129 CHAMP Sou | 2 | |
| 0021-0034.FLAT | 25 | 0:54 | 04:12:37.3 | 2:21:11 | 300 | 90 | 3.0 | #129 CHAMP Sou | 2 | |
| 0035.COMP | 12 | 1:22 | 04:12:37.3 | 2:21:11 | 300 | 90 | 3.0 | #129 CHAMP Sou | 2 | |
| 0036.BFCyg | 1 | 1:58 | 19:23:53 | 29:40:27 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0037.BFCyg | 60 | 1:58 | 19:23:53 | 29:40:27 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0038.COMP | 12 | 2:00 | 19:23:53 | 29:40:27 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0039.CHCyg | 1 | 2:02 | 19:24:33 | 50:14:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0040.CHCyg | 5 | 2:02 | 19:24:33 | 50:14:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0041.CHCyg | 30 | 2:03 | 19:24:33 | 50:14:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0042.COMP | 12 | 2:04 | 19:24:33 | 50:14:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0043.CICyg | 2 | 2:06 | 19:50:12 | 35:41:02 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0044.CICyg | 20 | 2:06 | 19:50:12 | 35:41:02 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0045.CICyg | 60 | 2:07 | 19:50:12 | 35:41:02 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0046.COMP | 12 | 2:08 | 19:50:12 | 35:41:02 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0047.RSOph | 10 | 2:11 | 17:50:13 | -06:42:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0048.RSOph | 10 | 2:11 | 17:50:13 | -06:42:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0049.RSOph | 60 | 2:13 | 17:50:13 | -06:42:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0050.RSOph | 150 | 2:14 | 17:50:13 | -06:42:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0051.3C390.3 | 300 | 2:33 | 18:42:09.0 | 79:46:17 | 300 | 90 | 3.0 | #6 AGN Monitor | 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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0052.3C390.3 | 300 | 2:38 | 18:42:09.0 | 79:46:17 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0053.3C390.3 | 300 | 2:43 | 18:42:09.0 | 79:46:17 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0054.COMP | 12 | 2:49 | 18:42:09.0 | 79:46:17 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0055.sn2006gz | 1500 | 2:57 | 18:10:26.3 | 30:59:44 | 300 | 80 | 3.0 | #2 SN Observat | 2 | |
| 0056.COMP | 12 | 3:22 | 18:10:26.3 | 30:59:44 | 300 | 80 | 3.0 | #2 SN Observat | 2 | |
| 0057.BDp284211 | 90 | 3:25 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0058.BDp284211 | 90 | 3:27 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0059.COMP | 12 | 3:29 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0060.fmb318 | 1200 | 3:36 | 22:33:51.0 | 1:34:49 | 300 | 90 | 3.0 | #171f Local Un | 2 | |
| 0061.COMP | 12 | 3:57 | 22:33:51.0 | 1:34:49 | 300 | 90 | 3.0 | #171f Local Un | 2 | |
| 0062.COMP | 12 | 4:19 | 21:44:41.2 | 38:19:18 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0063.COMP | 12 | 4:21 | 21:44:41.2 | 38:19:18 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0064.COMP | 12 | 4:22 | 21:44:41.2 | 38:19:18 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0065.COMP | 12 | 4:24 | 21:44:41.2 | 38:19:18 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0066.CygX2 | 60 | 4:27 | 21:44:41.2 | 38:19:18 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0067.COMP | 12 | 4:39 | 21:44:41.2 | 38:19:18 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0068.CygX2 | 1200 | 4:41 | 21:44:41.2 | 38:19:18 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0069.COMP | 12 | 5:02 | 21:44:41.2 | 38:19:18 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0070.BDp284211 | 60 | 5:04 | 21:51:11.0 | 28:51:50 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0071.COMP | 12 | 5:06 | 21:51:11.0 | 28:51:50 | 600 | 90 | 2.0 | #174 Cyg X-2 | 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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0072-0076.FLAT | 60 | 5:17 | 21:51:11.0 | 28:51:50 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0077.COMP | 12 | 5:27 | 21:51:11.0 | 28:51:50 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | |
| 0078.COMP | 12 | 5:29 | 21:51:11.0 | 28:51:50 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | |
| 0079.COMP | 12 | 5:30 | 21:51:11.0 | 28:51:50 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | |
| 0080.COMP | 12 | 5:33 | 21:51:11.0 | 28:51:50 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | |
| 0081.COMP | 12 | 5:36 | 21:51:11.0 | 28:51:50 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | |
| 0082.COMP | 12 | 5:39 | 21:51:11.0 | 28:51:50 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | |
| 0083.COMP | 12 | 5:45 | 21:51:11.0 | 28:51:50 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | |
| 0084.COMP | 12 | 5:46 | 21:51:11.0 | 28:51:50 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | |
| 0085.sn2006gr | 1800 | 5:56 | 22:32:22.6 | +30:49:43 | 300 | 82 | 3.0 | #2 SN Observat | 2 | |
| 0086.COMP | 12 | 6:26 | 22:32:22.6 | +30:49:43 | 300 | 82 | 3.0 | #2 SN Observat | 2 | |
| 0087.BDp174708 | 45 | 6:30 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0088.BDp174708 | 45 | 6:31 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0089.BDp174708 | 45 | 6:32 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0090.COMP | 12 | 6:34 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0091.N7331 | 180 | 6:37 | 22:34:46.9 | +34:09:43 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0092.COMP | 12 | 6:42 | 22:34:46.9 | +34:09:43 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0093.fmfa558 | 1200 | 6:48 | 23:57:19.0 | 8:30:32 | 300 | 50 | 3.0 | #171 Local Uni | 2 | |
| 0094.COMP | 12 | 7:09 | 23:57:19.0 | 8:30:32 | 300 | 50 | 3.0 | #171 Local Uni | 2 | |
| 0095.fmfa559 | 1200 | 7:12 | 23:57:25.1 | 8:32:28 | 300 | 90 | 3.0 | #171 Local Uni | 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> |
|---------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0096.COMP | 12 | 7:32 | 23:57:25.1 | 8:32:28 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0097.fmfa560 | 1200 | 7:46 | 23:57:26.6 | 8:19:34 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0098.COMP | 12 | 8:08 | 23:57:26.6 | 8:19:34 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0099.fmfa559 | 1050 | 8:11 | 23:57:25.1 | 8:32:28 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0100.COMP | 12 | 8:29 | 23:57:25.1 | 8:32:28 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0101.hxPer120 | 300 | 8:34 | 2:24:14.0 | 57:8:20 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0102.COMP | 12 | 8:40 | 2:24:14.0 | 57:8:20 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0103.hxPer12 | 300 | 8:41 | 2:17:13.9 | 57:3:21 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0104.COMP | 12 | 8:47 | 2:17:13.9 | 57:3:21 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0105.hxPer12 | 600 | 8:47 | 2:17:13.9 | 57:3:21 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0106.COMP | 12 | 8:58 | 2:17:13.9 | 57:3:21 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0107.hxPer121 | 600 | 9:01 | 2:18:47.2 | 57:24:22 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0108.COMP | 12 | 9:11 | 2:18:47.2 | 57:24:22 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0109.hxPer123 | 600 | 9:13 | 2:23:10.7 | 57:25:33 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0110.COMP | 12 | 9:24 | 2:23:10.7 | 57:25:33 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0111.hxPer124 | 600 | 9:25 | 2:22:48.6 | 56:47:43 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0112.COMP | 12 | 9:36 | 2:22:48.6 | 56:47:43 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0113.hxPer125 | 600 | 9:39 | 2:22:25.7 | 56:43:59 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0114.COMP | 12 | 9:50 | 2:22:25.7 | 56:43:59 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0115.hxPer126 | 600 | 9:53 | 2:21:28.9 | 57:13:58 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |

UT Date 2006-10-03 Observers T CurrieColl. Focus 1320 Grating/Grism 300

| <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> |
|---------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0116.COMP | 12 | 10:03 | 2:21:28.9 | 57:13:58 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0117.hxPer127 | 600 | 10:05 | 2:20:15.6 | 56:42:50 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0118.COMP | 12 | 10:16 | 2:20:15.6 | 56:42:50 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0119.hxPer128 | 600 | 10:20 | 2:23:40.9 | 57:16:31 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0120.COMP | 12 | 10:31 | 2:23:40.9 | 57:16:31 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0121.hxPer129 | 600 | 10:32 | 2:20:27.0 | 56:49:45 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0122.COMP | 12 | 10:42 | 2:20:27.0 | 56:49:45 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0123.hxPer130 | 600 | 10:44 | 2:19:12.1 | 56:50:44 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0124.COMP | 12 | 10:55 | 2:19:12.1 | 56:50:44 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0125.hxPer13 | 600 | 10:57 | 2:22:9.7 | 57:32:28 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0126.COMP | 12 | 11:08 | 2:22:9.7 | 57:32:28 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0127.hxPer131 | 600 | 11:10 | 2:23:10.9 | 56:59:55 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0128.COMP | 12 | 11:20 | 2:23:10.9 | 56:59:55 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0129.hxPer132 | 600 | 11:22 | 2:23:51.7 | 57:4:8 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0130.COMP | 12 | 11:33 | 2:23:51.7 | 57:4:8 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0131.hxPer133 | 600 | 11:34 | 2:22:42.3 | 56:51:37 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0132.COMP | 12 | 11:45 | 2:22:42.3 | 56:51:37 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0133.hxPer134 | 357 | 11:47 | 2:22:4.5 | 56:47:43 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0134.COMP | 12 | 11:53 | 2:22:4.5 | 56:47:43 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0135.sn2006hb | 1200 | 11:59 | 05:02:01.2 | -21:07:55 | 300 | 5 | 3.0 | #2 SN Observat | 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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0136.COMP | 12 | 12:20 | 05:02:01.2 | -21:07:55 | 300 | 5 | 3.0 | #2 SN Observat | 2 | |
| 0137.hxPer135 | 297 | 12:26 | 2:21:28.4 | 57:19:10 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0138.COMP | 12 | 12:32 | 2:21:28.4 | 57:19:10 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0139-0148.BIAS | 0 | 12:35 | 2:21:28.4 | 57:19:10 | 300 | 90 | 3.0 | #129 CHAMP Sou | 2 | |
| 0149-0159.FLAT | 0 | 12:35 | 2:21:28.4 | 57:19:10 | 300 | 90 | 3.0 | #129 CHAMP Sou | 2 | |
| 0160-0169.FLAT | 25 | 12:47 | 2:21:28.4 | 57:19:10 | 300 | 90 | 3.0 | #129 CHAMP Sou | 2 | |
| 0170-0179.DARK | 900 | 15:19 | 2:21:28.4 | 57:19:10 | 300 | 90 | 3.0 | #129 CHAMP Sou | 2 | |

UT Date 2006-10-14 Observers MamajekColl. Focus 1320 Grating/Grism 300

| <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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0001.BIAS | 0 | 22:31 | 15:47:24.1 | +31:31:02 | 300 | 90 | 3.0 | #129 CHAMP Sou | 2 | |
| 0002.COMP | 10 | 22:37 | 15:47:24.1 | +31:31:02 | 300 | 90 | 3.0 | #129 CHAMP Sou | 2 | |
| 0003-0006.DARK | 900 | 0:47 | 17:10:17.8 | +31:30:16 | 300 | 90 | 3.0 | #129 CHAMP Sou | 4 | |
| 0007.COMP | 5 | 2:07 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 4 | |
| 0008.BDp284211 | 0 | 2:07 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 4 | |
| 0009.BDp284211 | 0 | 2:07 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 4 | |
| 0010.BDp284211 | 90 | 2:10 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 4 | |
| 0011.BDp284211 | 10 | 2:18 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 4 | |
| 0012.BDp284211 | 10 | 2:19 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 4 | |
| 0013.BDp284211 | 10 | 2:20 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 4 | |
| 0014.BDp284211 | 10 | 2:20 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 4 | |
| 0015.BDp284211 | 10 | 2:22 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 4 | |
| 0016.COMP | 5 | 2:46 | 22:32:22.6 | +30:49:43 | 300 | 90 | 3.0 | #2 SN Observat | 4 | |
| 0017.sn2006gr | 600 | 2:47 | 22:32:22.6 | +30:49:43 | 300 | 90 | 3.0 | #2 SN Observat | 4 | |
| 0018.COMP | 10 | 3:03 | 22:32:22.6 | +30:49:43 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0019.sn2006gr | 1500 | 3:05 | 22:32:22.6 | +30:49:43 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0020.COMP | 10 | 3:36 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0021.BDp284211 | 90 | 3:37 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0022.BDp284211 | 90 | 3:39 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0023.COMP | 10 | 3:44 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |

UT Date 2006-10-14 Observers MamajekColl. Focus 1320 Grating/Grism 300

| <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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0024.BDp174708 | 45 | 3:45 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0025.BDp174708 | 45 | 3:46 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0026.fastfoc | 5 | 3:51 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0027.fastfoc | 5 | 3:51 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0028.fastfoc | 5 | 3:51 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0029.fastfoc | 5 | 3:52 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0030.fastfoc | 5 | 3:52 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0031.fastfoc | 5 | 3:52 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0032.fastfoc | 5 | 3:53 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0033.fastfoc | 5 | 3:53 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0034.fastfoc | 5 | 3:53 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0035.fastfoc | 5 | 3:54 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0036.fastfoc | 5 | 3:54 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0037.COMP | 5 | 4:12 | 22:35:00.7 | 1:23:24 | 300 | 90 | 3.0 | #171f Local Un | 4 | |
| 0038.fmb325 | 900 | 4:12 | 22:35:00.7 | 1:23:24 | 300 | 90 | 3.0 | #171f Local Un | 4 | |
| 0039.COMP | 5 | 4:36 | 22:36:14.8 | 1:24:45 | 300 | 90 | 3.0 | #171f Local Un | 4 | |
| 0040.fmb349 | 900 | 4:37 | 22:36:14.8 | 1:24:45 | 300 | 90 | 3.0 | #171f Local Un | 4 | |
| 0041.COMP | 5 | 5:03 | 23:16:50.1 | 18:29:09 | 300 | 90 | 3.0 | #171f Local Un | 4 | |
| 0042.fmb366 | 300 | 5:04 | 23:16:50.1 | 18:29:09 | 300 | 90 | 3.0 | #171f Local Un | 4 | |
| 0043.COMP | 5 | 5:12 | 23:21:58.6 | 17:21:56 | 300 | 90 | 3.0 | #171f Local Un | 4 | |

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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> |
|---------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------------|
| 0044.fmb371 | 600 | 5:13 | 23:21:58.6 | 17:21:56 | 300 | 90 | 3.0 | #171f Local Un | 4 | |
| 0045.COMP | 5 | 5:28 | 23:17:04.6 | 18:04:01 | 300 | 90 | 3.0 | #171f Local Un | 4 | |
| 0046.fmb367 | 600 | 5:28 | 23:17:04.6 | 18:04:01 | 300 | 90 | 3.0 | #171f Local Un | 4 | |
| 0047.junk | 5 | 6:01 | 00:00:37.5 | +28:23:02 | 300 | -44 | 3.0 | #171f Local Un | 2 | |
| 0048.junk | 5 | 6:02 | 00:00:37.5 | +28:23:02 | 300 | -44 | 3.0 | #171f Local Un | 2 | |
| 0049.junk | 5 | 6:04 | 00:00:37.5 | +28:23:02 | 300 | -44 | 3.0 | #171f Local Un | 2 | |
| 0050.COMP | 10 | 6:07 | 00:00:37.5 | +28:23:02 | 300 | -44 | 3.0 | #171f Local Un | 2 | |
| 0051.sn2006jb | 1500 | 6:22 | 00:00:47.3 | +28:25:59 | 300 | -44 | 3.0 | #2 SN Observat | 2 | SN plus bit of galaxy |
| 0052.sn2006jb | 1500 | 6:52 | 00:00:47.3 | +28:25:59 | 300 | -44 | 3.0 | #2 SN Observat | 2 | clouds |
| 0053.COMP | 5 | 7:26 | 00:00:46.1 | 8:15:24 | 300 | 90 | 3.0 | #171 Local Uni | 4 | |
| 0054.fmfa008 | 600 | 7:26 | 00:00:46.1 | 8:15:24 | 300 | 90 | 3.0 | #171 Local Uni | 4 | redo |
| 0055.fmfa008 | 900 | 7:37 | 00:00:46.1 | 8:15:24 | 300 | 90 | 3.0 | #171 Local Uni | 4 | redo |
| 0056.COMP | 5 | 8:01 | 02:26:41.5 | 28:35:00 | 300 | 90 | 3.0 | #171 Local Uni | 4 | |
| 0057.fmfa106 | 900 | 8:01 | 02:26:41.5 | 28:35:00 | 300 | 90 | 3.0 | #171 Local Uni | 4 | |
| 0058.COMP | 5 | 8:19 | 02:26:52.7 | 28:11:13 | 300 | 90 | 3.0 | #171 Local Uni | 4 | |
| 0059.fmfa107 | 900 | 8:20 | 02:26:52.7 | 28:11:13 | 300 | 90 | 3.0 | #171 Local Uni | 4 | |
| 0060.COMP | 5 | 8:52 | 02:02:19 | +62:56:04 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0061.HD12623 | 30 | 8:54 | 02:02:19 | +62:56:04 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0062.HD12623 | 60 | 8:55 | 02:02:19 | +62:56:04 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0063.COMP | 5 | 9:03 | 2:17:6.3 | 57:15:25 | 300 | 90 | 3.0 | #170 h & chi P | 4 | |

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| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|-----------|----------|-----|------|------|----------------|-----|------------------------------|
| 0064.hxPer42 | 600 | 9:04 | 2:17:6.3 | 57:15:25 | 300 | 90 | 3.0 | #170 h & chi P | 4 | Ha abs |
| 0065.COMP | 5 | 9:20 | 2:18:53.0 | 56:52:4 | 300 | 90 | 3.0 | #170 h & chi P | 4 | |
| 0066.hxPer43 | 600 | 9:21 | 2:18:53.0 | 56:52:4 | 300 | 90 | 3.0 | #170 h & chi P | 4 | Ha abs |
| 0067.COMP | 5 | 9:45 | 2:20:19.9 | 57:18:17 | 300 | 90 | 3.0 | #170 h & chi P | 4 | overcast |
| 0068.BIAS | 0 | 10:07 | 2:20:19.9 | 57:18:17 | 300 | 90 | 3.0 | #170 h & chi P | 4 | closing up dome |
| 0069.BIAS | 0 | 10:07 | 2:20:19.9 | 57:18:17 | 300 | 90 | 3.0 | #170 h & chi P | 4 | all calib data taken at stow |
| 0070.BIAS | 0 | 10:07 | 2:20:19.9 | 57:18:17 | 300 | 90 | 3.0 | #170 h & chi P | 4 | NOT at 0220p5718 |
| 0071-0077.BIAS | 0 | 10:08 | 2:20:19.9 | 57:18:17 | 300 | 90 | 3.0 | #170 h & chi P | 4 | |
| 0078-0087.FLAT | 12 | 10:11 | 2:20:19.9 | 57:18:17 | 300 | 90 | 3.0 | #170 h & chi P | 4 | |
| 0088-0097.BIAS | 0 | 10:13 | 2:20:19.9 | 57:18:17 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0098-0112.FLAT | 25 | 10:22 | 2:20:19.9 | 57:18:17 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0113-0122.BIAS | 0 | 10:28 | 2:20:19.9 | 57:18:17 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0123-0137.FLAT | 25 | 10:37 | 2:20:19.9 | 57:18:17 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0138.COMP | 10 | 10:39 | 2:20:19.9 | 57:18:17 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0139-0156.DARK | 900 | 15:08 | 2:20:19.9 | 57:18:17 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |

UT Date 2006-10-15 Observers MamajekColl. Focus 1320 Grating/Grism 300

| <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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------------|
| 0004-0009.DARK | 900 | 23:27 | 16:10:25.4 | +31:30:51 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0010-0014.DARK | 900 | 0:46 | 16:10:25.4 | +31:30:51 | 300 | 90 | 3.0 | #170 h & chi P | 4 | |
| 0015-0024.BIAS | 0 | 1:08 | 16:10:25.4 | +31:30:51 | 300 | 90 | 3.0 | #170 h & chi P | 4 | |
| 0025-0034.FLAT | 12 | 1:12 | 16:10:25.4 | +31:30:51 | 300 | 90 | 3.0 | #170 h & chi P | 4 | |
| 0035-0044.BIAS | 0 | 1:14 | 16:10:25.4 | +31:30:51 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0045-0059.FLAT | 25 | 1:22 | 16:10:25.4 | +31:30:51 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0060.COMP | 10 | 1:39 | 16:10:25.4 | +31:30:51 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0061.COMP | 10 | 2:43 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0062.BDp284211 | 5 | 2:44 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | test |
| 0063.BDp284211 | 5 | 2:49 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | test |
| 0064.BDp284211 | 5 | 2:50 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | aligning star on slit |
| 0065.BDp284211 | 5 | 2:50 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0066.BDp284211 | 5 | 2:53 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0067.BDp284211 | 66 | 2:54 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0068.BDp284211 | 90 | 2:57 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0069.COMP | 5 | 2:58 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0070.COMP | 10 | 2:59 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0071.BDp284211 | 30 | 3:03 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 4 | |
| 0072.COMP | 5 | 3:08 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 4 | |
| 0073.COMP | 10 | 3:29 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|------------------------------|
| 0074.BDp174708 | 5 | 3:30 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0075.BDp174708 | 45 | 3:42 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0076.BDp174708 | 300 | 3:44 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0077.COMP | 10 | 3:52 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0078.COMP | 10 | 4:05 | 18:10:26.3 | 30:59:44 | 300 | 72 | 3.0 | #2 SN Observat | 2 | |
| 0079.COMP | 10 | 10:56 | 05:02:01.2 | -21:07:55 | 300 | 1 | 3.0 | #2 SN Observat | 2 | |
| 0080.sn2006hb | 1500 | 10:58 | 05:02:01.2 | -21:07:55 | 300 | 1 | 3.0 | #2 SN Observat | 2 | SN row 83 plus galaxy row 97 |
| 0081.COMP | 10 | 11:26 | 05:02:01.2 | -21:07:55 | 300 | 1 | 3.0 | #2 SN Observat | 2 | |
| 0082.COMP | 10 | 11:50 | 07:52:38.3 | 50:24:06 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0083.fmfa343 | 600 | 11:51 | 07:52:38.3 | 50:24:06 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0084.COMP | 10 | 12:04 | 07:52:38.3 | 50:24:06 | 300 | 90 | 3.0 | #171 Local Uni | 2 | closing up |
| 0085-0094.BIAS | 0 | 12:20 | 06:57:51 | +27:13:42 | 300 | 90 | 3.0 | #171 Local Uni | 4 | |
| 0095-0104.FLAT | 12 | 12:23 | 06:57:51 | +27:13:42 | 300 | 90 | 3.0 | #171 Local Uni | 4 | |
| 0105-0114.BIAS | 0 | 12:25 | 06:57:51 | +27:13:42 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0115-0129.FLAT | 25 | 12:34 | 06:57:51 | +27:13:42 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0130.COMP | 10 | 12:49 | 06:57:51 | +27:13:42 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0131.COMP | 5 | 12:50 | 06:57:51 | +27:13:42 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0132-0136.DARK | 900 | 13:53 | 06:57:51 | +27:13:42 | 300 | 90 | 3.0 | #171 Local Uni | 4 | |
| 0137-0141.DARK | 900 | 15:09 | 06:57:51 | +27:13:42 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |

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| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|---|
| 0001-0005.DARK | 900 | 23:00 | 06:57:51 | +27:13:42 | 300 | 90 | 3.0 | #171 Local Uni | 4 | |
| 0006-0010.DARK | 900 | 0:17 | 06:57:51 | +27:13:42 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0011.BIAS | 0 | 0:45 | 06:57:51 | +27:13:42 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0012-0021.BIAS | 0 | 1:01 | 06:57:51 | +27:13:42 | 300 | 90 | 3.0 | #171 Local Uni | 4 | |
| 0022-0031.FLAT | 12 | 1:04 | 06:57:51 | +27:13:42 | 300 | 90 | 3.0 | #171 Local Uni | 4 | |
| 0032-0041.BIAS | 0 | 1:06 | 06:57:51 | +27:13:42 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0042-0056.FLAT | 25 | 1:15 | 06:57:51 | +27:13:42 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0057.COMP | 10 | 1:17 | 06:57:51 | +27:13:42 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0058.sky | 60 | 1:21 | 06:57:51 | +27:13:42 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0059.sky | 120 | 1:26 | 06:57:51 | +27:13:42 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0060.BIAS | 0 | 1:29 | 06:57:51 | +27:13:42 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0061.sky | 120 | 1:30 | 06:57:51 | +27:13:42 | 300 | 45 | 3.0 | #171 Local Uni | 2 | hmm not sure if these skys will be useful |
| 0062.sky | 120 | 1:33 | 06:57:51 | +27:13:42 | 300 | 45 | 3.0 | #171 Local Uni | 2 | |
| 0063.sky | 240 | 1:35 | 06:57:51 | +27:13:42 | 300 | 45 | 3.0 | #171 Local Uni | 2 | BAD arc on |
| 0064.sky | 360 | 1:39 | 06:57:51 | +27:13:42 | 300 | 45 | 3.0 | #171 Local Uni | 2 | BAD arc on |
| 0065.COMP | 10 | 1:45 | 06:57:51 | +27:13:42 | 300 | 45 | 3.0 | #171 Local Uni | 2 | |
| 0066.COMP | 10 | 1:47 | 06:57:51 | +27:13:42 | 300 | 45 | 3.0 | #171 Local Uni | 2 | |
| 0067.COMP | 10 | 3:58 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0068.BDp284211 | 90 | 3:59 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0069.COMP | 10 | 4:04 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |

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| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|------------------------|
| 0070.FLAT | 60 | 4:18 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #171 Local Uni | 2 | BAD lamp not on |
| 0071-0074.FLAT | 60 | 4:23 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #171 Local Uni | 2 | BAD |
| 0075-0076.FLAT | 60 | 4:30 | 21:51:11.1 | 28:51:53 | 600 | 90 | 2.0 | #174 Cyg X-2 D | 2 | BAD |
| 0077.FLAT | 50 | 4:33 | 21:51:11.1 | 28:51:53 | 600 | 90 | 2.0 | #174 Cyg X-2 D | 2 | BAD |
| 0078-0091.FLAT | 50 | 5:00 | 21:51:11.1 | 28:51:53 | 600 | 90 | 2.0 | #174 Cyg X-2 D | 2 | |
| 0092.COMP | 15 | 5:02 | 21:51:11.1 | 28:51:53 | 600 | 90 | 2.0 | #174 Cyg X-2 D | 2 | |
| 0093.CygX2 | 1200 | 5:10 | 21:44:41.2 | 38:19:18 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | forgot to change focus |
| 0094.COMP | 15 | 5:31 | 21:44:41.2 | 38:19:18 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0095.COMP | 10 | 5:55 | 00:08:23.1 | +29:05:27 | 300 | 90 | 2.0 | #57 Velocity S | 2 | L7384 at X2716 |
| 0096.COMP | 10 | 6:01 | 00:08:23.1 | +29:05:27 | 300 | 90 | 2.0 | #57 Velocity S | 2 | L7384 at X2681 |
| 0097.COMP | 10 | 6:08 | 00:08:23.1 | +29:05:27 | 300 | 90 | 2.0 | #57 Velocity S | 2 | L7384 at X2662 |
| 0098.COMP | 10 | 6:19 | 00:40:00.0 | +40:59:42 | 300 | 90 | 2.0 | #57 Velocity S | 2 | |
| 0099.M31 | 60 | 6:19 | 00:40:00.0 | +40:59:42 | 300 | 90 | 2.0 | #57 Velocity S | 2 | |
| 0100.fmfa009 | 900 | 6:27 | 00:00:50.5 | 8:55:52 | 300 | 90 | 2.0 | #171 Local Uni | 2 | |
| 0101.COMP | 10 | 6:43 | 00:00:50.5 | 8:55:52 | 300 | 90 | 2.0 | #171 Local Uni | 2 | |
| 0102.fmfa010 | 900 | 6:46 | 00:00:53.0 | 8:03:39 | 300 | 90 | 2.0 | #171 Local Uni | 2 | |
| 0103.COMP | 10 | 7:02 | 00:00:53.0 | 8:03:39 | 300 | 90 | 2.0 | #171 Local Uni | 2 | |
| 0104.BDp284211 | 60 | 7:21 | 21:51:11.0 | 28:51:50 | 600 | 72 | 2.0 | #174 Cyg X-2 | 2 | |
| 0105.COMP | 10 | 7:24 | 21:51:11.0 | 28:51:50 | 600 | 72 | 2.0 | #174 Cyg X-2 | 2 | |
| 0106.COMP | 15 | 7:25 | 21:51:11.0 | 28:51:50 | 600 | 72 | 2.0 | #174 Cyg X-2 | 2 | |

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| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|---|
| 0107.FLAT | 50 | 7:31 | 21:51:12.5 | +28:52:11 | 600 | 72 | 2.0 | #174 Cyg X-2 | 2 | BAD no lamp |
| 0108.FLAT | 50 | 7:35 | 21:51:12.5 | +28:52:11 | 600 | 72 | 2.0 | #174 Cyg X-2 | 2 | BAD lamp on but its not looking argggggg |
| 0109-0113.FLAT | 50 | 7:43 | 21:51:12.5 | +28:52:11 | 600 | 72 | 2.0 | #174 Cyg X-2 | 2 | |
| 0114.COMP | 10 | 7:57 | 00:00:54.6 | 8:10:43 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0115.COMP | 10 | 8:06 | 00:00:54.6 | 8:10:43 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0116.COMP | 10 | 8:09 | 00:00:54.6 | 8:10:43 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0117.COMP | 10 | 8:13 | 00:00:54.6 | 8:10:43 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0118.fmfa011 | 600 | 8:15 | 00:00:54.6 | 8:10:43 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0119.COMP | 10 | 8:26 | 00:00:54.6 | 8:10:43 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0120.COMP | 10 | 8:29 | 00:00:54.6 | 8:03:44 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0121.COMP | 10 | 8:31 | 00:00:54.6 | 8:03:44 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0122.fmfa012 | 900 | 8:32 | 00:00:54.6 | 8:03:44 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0123.COMP | 10 | 8:48 | 00:00:54.6 | 8:03:44 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0124.COMP | 10 | 8:53 | 01:15:09.2 | 32:38:34 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0125.fmfa048 | 900 | 8:54 | 01:15:09.2 | 32:38:34 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0126.COMP | 10 | 9:14 | 01:15:17.0 | 32:05:11 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0127.fmfa049 | 900 | 9:15 | 01:15:17.0 | 32:05:11 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0128.COMP | 10 | 9:33 | 01:15:21.6 | 32:36:15 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0129.fmfa050 | 900 | 9:34 | 01:15:21.6 | 32:36:15 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0130.COMP | 10 | 9:58 | 01:15:53.6 | 33:55:25 | 300 | 90 | 3.0 | #171 Local Uni | 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.fmfa053 | 900 | 10:00 | 01:15:53.6 | 33:55:25 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0132.COMP | 10 | 10:17 | 01:16:04.4 | 32:43:24 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0133.fmfa054 | 900 | 10:18 | 01:16:04.4 | 32:43:24 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0134.COMP | 10 | 10:40 | 06:45:13.4 | 02:08:14 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0135.COMP | 10 | 10:45 | 06:45:13.4 | 02:08:14 | 300 | -38 | 3.0 | #56 Spectropho | 2 | |
| 0136.Hiltner600 | 90 | 10:47 | 06:45:13.4 | 02:08:14 | 300 | -38 | 3.0 | #56 Spectropho | 2 | |
| 0137.COMP | 10 | 10:59 | 2:21:28.4 | 57:19:10 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0138.hxPer135 | 600 | 11:00 | 2:21:28.4 | 57:19:10 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0139.COMP | 10 | 11:15 | 2:20:2.0 | 56:50:18 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0140.hxPer136 | 600 | 11:15 | 2:20:2.0 | 56:50:18 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0141.COMP | 10 | 11:28 | 2:17:47.9 | 56:54:56 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0142.hxPer137 | 600 | 11:29 | 2:17:47.9 | 56:54:56 | 300 | 90 | 3.0 | #170 h & chi P | 2 | Left bright peak is 137 |
| 0143.COMP | 10 | 11:45 | 2:19:23.8 | 56:55:18 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0144.hxPer138 | 600 | 11:46 | 2:19:23.8 | 56:55:18 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0145.COMP | 10 | 12:24 | 08:02:07.4 | +00:48:31 | 300 | -36 | 3.0 | #2 SN Observat | 2 | |
| 0146.sn2006jd | 1500 | 12:26 | 08:02:07.4 | +00:48:31 | 300 | -36 | 3.0 | #2 SN Observat | 2 | fighting moon and rising sun |
| 0147.COMP | 10 | 12:52 | 08:02:07.4 | +00:48:31 | 300 | -36 | 3.0 | #2 SN Observat | 2 | |
| 0148-0157.BIAS | 0 | 13:00 | 08:02:07.4 | +00:48:31 | 300 | -36 | 3.0 | #2 SN Observat | 2 | |
| 0158-0172.FLAT | 25 | 13:09 | 08:02:07.4 | +00:48:31 | 300 | -36 | 3.0 | #2 SN Observat | 2 | |
| 0173-0177.DARK | 900 | 14:34 | 08:02:07.4 | +00:48:31 | 300 | 90 | 3.0 | #2 SN Observat | 4 | |

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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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0178-0182.DARK | 900 | 15:51 | 08:02:07.4 | +00:48:31 | 300 | 90 | 3.0 | #2 SN Observat | 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> |
|----------------|-----------------|-----------------|-----------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0001-0005.DARK | 900 | 22:52 | 17:9:40 | 10:0:0 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0006-0010.DARK | 900 | 0:09 | 17:9:40 | 10:0:0 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0011.COMP | 10 | 0:24 | 17:9:40 | 10:0:0 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0012.COMP | 10 | 1:07 | 17:9:40 | 10:0:0 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0013.fastfoc | 10 | 1:11 | 17:9:40 | 10:0:0 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0014.fastfoc | 10 | 1:11 | 17:9:40 | 10:0:0 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0015.fastfoc | 10 | 1:11 | 17:9:40 | 10:0:0 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0016.fastfoc | 10 | 1:12 | 17:9:40 | 10:0:0 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0017.fastfoc | 10 | 1:12 | 17:9:40 | 10:0:0 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0018.fastfoc | 10 | 1:13 | 17:9:40 | 10:0:0 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0019.fastfoc | 10 | 1:13 | 17:9:40 | 10:0:0 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0020.fastfoc | 10 | 1:13 | 17:9:40 | 10:0:0 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0021.fastfoc | 10 | 1:14 | 17:9:40 | 10:0:0 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0022.fastfoc | 10 | 1:14 | 17:9:40 | 10:0:0 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0023.fastfoc | 10 | 1:16 | 17:9:40 | 10:0:0 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0024.fastfoc | 10 | 1:16 | 17:9:40 | 10:0:0 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0025.fastfoc | 10 | 1:17 | 17:9:40 | 10:0:0 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0026.fastfoc | 10 | 1:17 | 17:9:40 | 10:0:0 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0027.fastfoc | 10 | 1:17 | 17:9:40 | 10:0:0 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0028.fastfoc | 10 | 1:18 | 17:9:40 | 10:0:0 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |

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| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|------------------|
| 0029.fastfoc | 10 | 1:18 | 17:9:40 | 10:0:0 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0030.fastfoc | 10 | 1:19 | 17:9:40 | 10:0:0 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0031.fastfoc | 10 | 1:19 | 17:9:40 | 10:0:0 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0032.fastfoc | 10 | 1:20 | 17:9:40 | 10:0:0 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0033-0042.BIAS | 0 | 1:24 | 17:9:40 | 10:0:0 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0043-0057.FLAT | 25 | 1:33 | 17:9:40 | 10:0:0 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0058.COMP | 10 | 1:35 | 17:9:40 | 10:0:0 | 300 | 90 | 3.0 | #2 SN Observat | 2 | at flat position |
| 0059.COMP | 10 | 1:42 | 22:34:46.9 | +34:09:43 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0060.N7331 | 45 | 1:42 | 22:34:46.9 | +34:09:43 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0061.N7331 | 180 | 1:43 | 22:34:46.9 | +34:09:43 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0062.COMP | 10 | 1:48 | 22:34:46.9 | +34:09:43 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0063.COMP | 10 | 1:54 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0064.BDp284211 | 90 | 1:55 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0065.COMP | 10 | 2:05 | 17:32:03.0 | -09:12:01 | 300 | 43 | 3.0 | #164 Nearby Yo | 2 | |
| 0066.HD158875 | 600 | 2:06 | 17:32:03.0 | -09:12:01 | 300 | 43 | 3.0 | #164 Nearby Yo | 2 | |
| 0067.COMP | 15 | 2:26 | 21:51:11.0 | 28:51:50 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | BAD |
| 0068.COMP | 15 | 2:29 | 21:51:11.0 | 28:51:50 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | BAD |
| 0069.COMP | 15 | 2:32 | 21:51:11.0 | 28:51:50 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | BAD |
| 0070.COMP | 15 | 2:34 | 21:51:11.0 | 28:51:50 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | BAD |
| 0071.COMP | 10 | 2:35 | 21:51:11.0 | 28:51:50 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | BAD |

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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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0072.COMP | 10 | 2:38 | 21:51:11.0 | 28:51:50 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | BAD |
| 0073.BDp284211 | 90 | 2:40 | 21:51:11.0 | 28:51:50 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | BAD |
| 0074.COMP | 15 | 2:45 | 21:51:11.0 | 28:51:50 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | BAD |
| 0075.FLAT | 50 | 2:46 | 21:51:11.0 | 28:51:50 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | BAD |
| 0076.BIAS | 0 | 2:54 | 21:51:11.0 | 28:51:50 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | BAD |
| 0077.COMP | 15 | 2:55 | 21:51:11.0 | 28:51:50 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | BAD |
| 0078.COMP | 15 | 2:58 | 21:51:11.0 | 28:51:50 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | BAD |
| 0079.BIAS | 0 | 3:02 | 21:51:10.3 | +28:51:59 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | BAD |
| 0080.COMP | 15 | 3:03 | 21:51:10.3 | +28:51:59 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | BAD |
| 0081.COMP | 10 | 3:04 | 21:51:10.3 | +28:51:59 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | BAD |
| 0082.COMP | 10 | 3:09 | 21:51:10.3 | +28:51:59 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | BAD |
| 0083.FLAT | 50 | 3:10 | 21:51:10.3 | +28:51:59 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | BAD |
| 0084.fast3 | 20 | 3:16 | 21:51:10.3 | +28:51:59 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | BAD |
| 0085.fast3 | 5 | 3:19 | 21:51:10.3 | +28:51:59 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | BAD |
| 0086.COMP | 10 | 3:28 | 21:51:10.3 | +28:51:59 | 300 | 90 | 2.0 | #174 Cyg X-2 | 2 | BAD |
| 0087.COMP | 10 | 3:32 | 21:51:10.3 | +28:51:59 | 300 | 90 | 2.0 | #174 Cyg X-2 | 2 | BAD |
| 0088.COMP | 10 | 3:34 | 21:51:10.3 | +28:51:59 | 300 | 90 | 2.0 | #174 Cyg X-2 | 2 | BAD |
| 0089.COMP | 10 | 3:38 | 21:51:10.3 | +28:51:59 | 300 | 90 | 2.0 | #174 Cyg X-2 | 2 | BAD |
| 0090.COMP | 15 | 3:41 | 21:51:10.3 | +28:51:59 | 300 | 90 | 2.0 | #174 Cyg X-2 | 2 | BAD |
| 0091.COMP | 15 | 3:47 | 21:51:10.3 | +28:51:59 | 300 | 90 | 2.0 | #174 Cyg X-2 | 2 | BAD |

UT Date 2006-10-17 Observers MamajekColl. Focus 1320 Grating/Grism 300

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|-------------------|
| 0092.COMP | 15 | 3:50 | 21:51:10.3 | +28:51:59 | 300 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0093.BDp284211 | 60 | 3:57 | 21:51:11.0 | 28:51:50 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | poor focus |
| 0094.BDp284211 | 60 | 4:00 | 21:51:11.0 | 28:51:50 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0095.COMP | 15 | 4:02 | 21:51:11.0 | 28:51:50 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0096-0101.FLAT | 50 | 4:10 | 21:51:11.0 | 28:51:50 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0102.COMP | 15 | 4:15 | 21:44:41.2 | 38:19:18 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0103.CygX2 | 1200 | 4:16 | 21:44:41.2 | 38:19:18 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0104.COMP | 15 | 4:37 | 21:44:41.2 | 38:19:18 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0105.COMP | 10 | 4:43 | 21:44:41.2 | 38:19:18 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | junk |
| 0106.COMP | 10 | 4:45 | 21:44:41.2 | 38:19:18 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | junk |
| 0107.COMP | 10 | 4:51 | 21:44:41.2 | 38:19:18 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | junk |
| 0108.COMP | 10 | 4:53 | 21:44:41.2 | 38:19:18 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | junk |
| 0109.COMP | 10 | 4:57 | 21:44:41.2 | 38:19:18 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | junk |
| 0110.COMP | 10 | 5:01 | 21:44:41.2 | 38:19:18 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | junk |
| 0111.COMP | 10 | 5:15 | 22:32:22.6 | +30:49:43 | 300 | 90 | 3.0 | #2 SN Observat | 1 | junk |
| 0112.COMP | 10 | 5:17 | 22:32:22.6 | +30:49:43 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0113.sn2006gr | 1500 | 5:19 | 22:32:22.6 | +30:49:43 | 300 | 90 | 3.0 | #2 SN Observat | 2 | faint central one |
| 0114.COMP | 10 | 5:46 | 22:32:22.6 | +30:49:43 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0115.sn2006gr | 1500 | 5:47 | 22:32:22.6 | +30:49:43 | 300 | 90 | 3.0 | #2 SN Observat | 2 | row 80 |
| 0116.COMP | 10 | 6:18 | 22:11:31.4 | 18:05:33 | 300 | 61 | 3.0 | #56 Spectropho | 2 | |

UT Date 2006-10-17 Observers MamajekColl. Focus 1320 Grating/Grism 300

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|-----------------------------|
| 0117.BDp174708 | 45 | 6:19 | 22:11:31.4 | 18:05:33 | 300 | 61 | 3.0 | #56 Spectropho | 2 | |
| 0118.COMP | 10 | 6:24 | 22:42:39.4 | +29:43:31 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0119.Akn564 | 180 | 6:25 | 22:42:39.4 | +29:43:31 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0120.Akn564 | 180 | 6:29 | 22:42:39.4 | +29:43:31 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0121.COMP | 10 | 6:33 | 22:42:39.4 | +29:43:31 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0122.COMP | 10 | 6:36 | 23:03:15.7 | +08:52:27 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0123.N7469 | 120 | 6:37 | 23:03:15.7 | +08:52:27 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0124.N7469 | 120 | 6:39 | 23:03:15.7 | +08:52:27 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0125.COMP | 10 | 6:45 | 00:00:37.5 | +28:23:02 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0126.sn2006jb | 1500 | 6:52 | 00:00:37.5 | +28:23:02 | 300 | 90 | 3.0 | #2 SN Observat | 2 | galaxy completely dominates |
| 0127.COMP | 10 | 7:27 | 22:34:46.9 | +34:09:43 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0128.N7331 | 60 | 7:28 | 22:34:46.9 | +34:09:43 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0129.COMP | 10 | 7:34 | 23:33:40 | 48:49:06 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0130.ZAnd | 1 | 7:36 | 23:33:40 | 48:49:06 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0131.ZAnd | 5 | 7:38 | 23:33:40 | 48:49:06 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0132.ZAnd | 30 | 7:38 | 23:33:40 | 48:49:06 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0133.COMP | 10 | 7:40 | 23:33:40 | 48:49:06 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0134.COMP | 10 | 7:43 | 23:43:49 | -15:17:05 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0135.RAqr | 0 | 7:44 | 23:43:49 | -15:17:05 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0136.RAqr | 1 | 7:45 | 23:43:49 | -15:17:05 | 300 | 90 | 3.0 | #12 Symbiotic | 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> |
|--------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|----------------------|
| 0137.RAqr | 5 | 7:45 | 23:43:49 | -15:17:05 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0138.RAqr | 10 | 7:46 | 23:43:49 | -15:17:05 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0139.COMP | 10 | 7:47 | 23:43:49 | -15:17:05 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0140.COMP | 10 | 7:59 | 00:01:34.0 | 7:47:52 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0141.fmfa015 | 900 | 8:01 | 00:01:34.0 | 7:47:52 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0142.COMP | 10 | 8:18 | 00:01:06.0 | 8:07:06 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0143.fmfa013 | 900 | 8:18 | 00:01:05.4 | +08:07:08 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0144.COMP | 10 | 8:34 | 00:01:05.4 | +08:07:08 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0145.COMP | 10 | 8:35 | 00:01:05.4 | +08:07:08 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0146.fmfa013 | 900 | 8:54 | 00:01:06.3 | +08:07:14 | 300 | 90 | 3.0 | #171 Local Uni | 2 | BAD |
| 0147.COMP | 10 | 9:15 | 02:26:52.7 | 28:11:13 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0148.fmfa107 | 900 | 9:16 | 02:26:52.7 | 28:11:13 | 300 | 90 | 3.0 | #171 Local Uni | 2 | bright one is galaxy |
| 0149.COMP | 10 | 9:34 | 02:27:09.9 | 27:56:24 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0150.fmfa108 | 900 | 9:34 | 02:27:09.9 | 27:56:24 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0151.COMP | 10 | 9:52 | 02:27:28.1 | 28:08:20 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0152.fmfa109 | 900 | 9:53 | 02:27:28.1 | 28:08:20 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0153.COMP | 10 | 10:10 | 02:27:33.9 | 28:13:49 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0154.fmfa110 | 900 | 10:11 | 02:27:33.9 | 28:13:49 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0155.COMP | 10 | 10:29 | 02:27:34.5 | 28:05:57 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0156.fmfa111 | 900 | 10:29 | 02:27:34.5 | 28:05:57 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |

UT Date 2006-10-17 Observers MamajekColl. Focus 1320 Grating/Grism 300

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|---------------------------------|
| 0157.COMP | 10 | 10:48 | 02:27:39.3 | 28:02:24 | 300 | 90 | 3.0 | #171 Local Uni | 2 | IGNORE ntcs crashed for fmfa112 |
| 0158.COMP | 10 | 11:23 | 08:02:07.4 | +00:48:31 | 300 | -40 | 3.0 | #2 SN Observat | 2 | |
| 0159.sn2006jd | 1500 | 11:24 | 08:02:07.4 | +00:48:31 | 300 | -40 | 3.0 | #2 SN Observat | 2 | nice strong Ha em |
| 0160.COMP | 10 | 11:50 | 08:02:07.4 | +00:48:31 | 300 | -40 | 3.0 | #2 SN Observat | 2 | |
| 0161.COMP | 10 | 11:58 | 09:17:20.7 | +41:54:32 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0162.sn2006jc | 600 | 11:59 | 09:17:20.7 | +41:54:32 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0163.sn2006jc | 600 | 12:10 | 09:17:20.7 | +41:54:32 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0164.COMP | 10 | 12:23 | 09:17:20.7 | +41:54:32 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0165.COMP | 10 | 12:32 | 06:45:13.4 | 02:08:14 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0166.Hiltner600 | 90 | 12:32 | 06:45:13.4 | 02:08:14 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0167.COMP | 10 | 12:41 | 05:13:38.0 | -00:12:15 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0168.Akn120 | 300 | 12:42 | 05:13:38.0 | -00:12:15 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0169.COMP | 10 | 12:53 | 05:13:38.0 | -00:12:15 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0170-0171.sky | 60 | 12:56 | 05:13:38.0 | -00:12:15 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0172-0173.sky | 30 | 12:58 | 05:13:38.0 | -00:12:15 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0174-0183.BIAS | 0 | 13:02 | 05:13:38.0 | -00:12:15 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0184-0198.FLAT | 25 | 13:11 | 05:13:38.0 | -00:12:15 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0199.COMP | 10 | 13:12 | 05:13:38.0 | -00:12:15 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0200-0204.DARK | 900 | 14:33 | 05:13:38.0 | -00:12:15 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0205-0209.DARK | 900 | 15:49 | 05:13:38.0 | -00:12:15 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |

UT Date 2006-10-18 Observers MamajekColl. Focus 1320 Grating/Grism 300

| <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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0001-0005.DARK | 900 | 23:28 | 05:13:38.0 | -00:12:15 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0006-0015.BIAS | 0 | 0:01 | 05:13:38.0 | -00:12:15 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0016-0030.FLAT | 25 | 0:10 | 05:13:38.0 | -00:12:15 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0031.COMP | 10 | 0:16 | 05:13:38.0 | -00:12:15 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0032.COMP | 10 | 1:18 | 05:13:38.0 | -00:12:15 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0033.sky | 30 | 1:19 | 05:13:38.0 | -00:12:15 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0034.sky | 10 | 1:22 | 05:13:38.0 | -00:12:15 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0035.sky | 2 | 1:23 | 05:13:38.0 | -00:12:15 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0036.sky | 1 | 1:23 | 05:13:38.0 | -00:12:15 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0037.COMP | 10 | 1:42 | 21:51:11.1 | 28:51:53 | 300 | 104 | 3.0 | #56 Spectropho | 2 | |
| 0038.BDp284211 | 90 | 1:43 | 21:51:11.1 | 28:51:53 | 300 | 104 | 3.0 | #56 Spectropho | 2 | |
| 0039.BDp284211 | 90 | 1:45 | 21:51:11.1 | 28:51:53 | 300 | 104 | 3.0 | #56 Spectropho | 2 | |
| 0040-0044.DARK | 900 | 12:01 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 4 | |
| 0045-0047.DARK | 900 | 12:47 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |

UT Date 2006-10-19 Observers W.PetersColl. Focus 1320 Grating/Grism 300

| <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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0003-0007.DARK | 900 | 1:24 | 18:19:49.2 | +31:29:34 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0008-0017.BIAS | 0 | 1:44 | 18:19:49.2 | +31:29:34 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0018-0032.FLAT | 25 | 1:53 | 18:19:49.2 | +31:29:34 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0033.COMP | 5 | 1:55 | 18:19:49.2 | +31:29:34 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0034.BDp284211 | 90 | 2:09 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0035.COMP | 10 | 2:11 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0036.BDp284211 | 90 | 2:12 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0037.COMP | 10 | 2:16 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0038.RSOph | 10 | 2:27 | 17:50:13 | -06:42:30 | 300 | 80 | 3.0 | #12 Symbiotic | 2 | |
| 0039.RSOph | 60 | 2:28 | 17:50:13 | -06:42:30 | 300 | 80 | 3.0 | #12 Symbiotic | 2 | |
| 0040.RSOph | 150 | 2:29 | 17:50:13 | -06:42:30 | 300 | 80 | 3.0 | #12 Symbiotic | 2 | |
| 0041.COMP | 10 | 2:32 | 17:50:13 | -06:42:30 | 300 | 80 | 3.0 | #12 Symbiotic | 2 | |
| 0042.YYHer | 10 | 2:38 | 18:14:34 | 20:59:19 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0043.YYHer | 60 | 2:38 | 18:14:34 | 20:59:19 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0044.COMP | 10 | 2:40 | 18:14:34 | 20:59:19 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0045.V443Her | 5 | 2:42 | 18:22:07 | 23:27:20 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0046.V443Her | 45 | 2:43 | 18:22:07 | 23:27:20 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0047.V443Her | 90 | 2:44 | 18:22:07 | 23:27:20 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0048.COMP | 10 | 2:46 | 18:22:07 | 23:27:20 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0049.sn2006gz | 1200 | 2:56 | 18:10:26.3 | 30:59:44 | 300 | 72 | 3.0 | #2 SN Observat | 2 | |

UT Date 2006-10-19 Observers W.PetersColl. Focus 1320 Grating/Grism 300

| <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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|--------------------------|
| 0050.COMP | 10 | 3:17 | 18:10:26.3 | 30:59:44 | 300 | 72 | 3.0 | #2 SN Observat | 2 | |
| 0051.BDp174708 | 45 | 3:23 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0052.BDp174708 | 45 | 3:24 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0053.COMP | 10 | 3:26 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0054.N7331 | 300 | 3:29 | 22:34:46.9 | +34:09:43 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0055.COMP | 10 | 3:35 | 22:34:46.9 | +34:09:43 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0057.FLAT | 60 | 3:58 | 22:34:46.9 | +34:09:43 | 600 | 90 | 2.0 | #57 Velocity S | 2 | starting 600line Cyg X-2 |
| 0058-0061.FLAT | 60 | 4:03 | 22:34:46.9 | +34:09:43 | 600 | 90 | 2.0 | #57 Velocity S | 2 | |
| 0062.COMP | 15 | 4:06 | 21:44:41.2 | 38:19:18 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0063.CygX2 | 1200 | 4:11 | 21:44:41.2 | 38:19:18 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0064.BDp284211 | 60 | 4:36 | 21:51:11.0 | 28:51:50 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0065.COMP | 15 | 4:37 | 21:51:11.0 | 28:51:50 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0066.COMP | 5 | 4:51 | 21:51:11.0 | 28:51:50 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | adjusting micrometer |
| 0067.COMP | 5 | 4:59 | 21:51:11.0 | 28:51:50 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | adjusting tilt |
| 0068.COMP | 5 | 5:02 | 21:51:11.0 | 28:51:50 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | adjusting tilt |
| 0069.COMP | 5 | 5:04 | 21:51:11.0 | 28:51:50 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | tilt good |
| 0070-0079.BIAS | 0 | 5:09 | 21:51:11.0 | 28:51:50 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | |
| 0080-0081.FLAT | 25 | 5:10 | 21:51:11.0 | 28:51:50 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | |
| 0082-0091.BIAS | 0 | 5:14 | 21:51:11.0 | 28:51:50 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | |
| 0092.FLAT | 25 | 5:14 | 21:51:11.0 | 28:51:50 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | starting prog 171 rines |

UT Date 2006-10-19 Observers W.PetersColl. Focus 1320 Grating/Grism 300

| <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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------------|
| 0093-0106.FLAT | 25 | 5:22 | 21:51:11.0 | 28:51:50 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | |
| 0107.fmfa055 | 1500 | 5:33 | 01:16:39.3 | 32:21:16 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0108.COMP | 10 | 5:59 | 01:16:39.3 | 32:21:16 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0109.fmfa056 | 900 | 6:03 | 01:16:48.5 | 32:16:47 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0110.COMP | 10 | 6:19 | 01:16:48.5 | 32:16:47 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0111.fmfa057 | 900 | 6:31 | 01:17:04.9 | 32:11:26 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0112.COMP | 10 | 6:47 | 01:17:04.9 | 32:11:26 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0113.fmfa058 | 1200 | 6:54 | 01:17:09.0 | 32:13:21 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0114.COMP | 10 | 7:16 | 01:17:09.0 | 32:13:21 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0125.BIAS | 0 | 7:53 | 01:17:09.0 | 32:13:21 | 300 | 90 | 3.0 | #171 Local Uni | 2 | grating tilt adjusted |
| 0126-0134.BIAS | 0 | 7:54 | 01:17:09.0 | 32:13:21 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0135-0149.FLAT | 25 | 8:03 | 01:17:09.0 | 32:13:21 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0150.sn2006je | 1800 | 8:44 | 01:50:53.2 | +33:05:53 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0151.COMP | 10 | 9:15 | 01:50:53.2 | +33:05:53 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0152.hxPer139 | 300 | 9:37 | 2:17:18.3 | 57:30:53 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0153.COMP | 10 | 9:42 | 2:17:18.3 | 57:30:53 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0154.hxPer140 | 300 | 9:46 | 2:23:31.3 | 57:24:40 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0155.COMP | 10 | 9:53 | 2:23:31.3 | 57:24:40 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0156.hxPer14 | 600 | 10:11 | 2:24:0.4 | 57:1:26 | 300 | 80 | 3.0 | #170 h & chi P | 2 | |
| 0157.COMP | 10 | 10:21 | 2:24:0.4 | 57:1:26 | 300 | 80 | 3.0 | #170 h & chi P | 2 | |

UT Date 2006-10-19 Observers W.PetersColl. Focus 1320 Grating/Grism 300

| <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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0158.hxPer141 | 300 | 10:27 | 2:22:32.8 | 56:50:16 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0159.COMP | 10 | 10:33 | 2:22:32.8 | 56:50:16 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0160.hxPer143 | 300 | 10:47 | 2:17:8.2 | 57:10:29 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0161.COMP | 10 | 10:53 | 2:17:8.2 | 57:10:29 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0162.hxPer144 | 300 | 10:59 | 2:19:14.1 | 57:11:9 | 300 | 80 | 3.0 | #170 h & chi P | 2 | |
| 0163.COMP | 10 | 11:05 | 2:19:14.1 | 57:11:9 | 300 | 80 | 3.0 | #170 h & chi P | 2 | |
| 0164.hxPer145 | 300 | 11:12 | 2:20:36.6 | 56:47:6 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0165.COMP | 10 | 11:18 | 2:20:36.6 | 56:47:6 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0166.hxPer146 | 300 | 11:26 | 2:20:59.2 | 57:24:5 | 300 | 80 | 3.0 | #170 h & chi P | 2 | |
| 0167.COMP | 10 | 11:31 | 2:20:59.2 | 57:24:5 | 300 | 80 | 3.0 | #170 h & chi P | 2 | |
| 0168.sn2006jc | 600 | 11:40 | 09:17:20.7 | +41:54:32 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0169.COMP | 10 | 11:51 | 09:17:20.7 | +41:54:32 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0170.hxPer147 | 300 | 12:05 | 2:23:44.6 | 57:20:51 | 300 | 85 | 3.0 | #170 h & chi P | 2 | |
| 0171.COMP | 10 | 12:11 | 2:23:44.6 | 57:20:51 | 300 | 85 | 3.0 | #170 h & chi P | 2 | |
| 0172.hxPer148 | 300 | 12:16 | 2:23:2.3 | 56:43:57 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0173.COMP | 10 | 12:23 | 2:23:2.3 | 56:43:57 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0174-0183.BIAS | 0 | 12:44 | 2:23:26.2 | 56:42:1 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0184-0198.FLAT | 25 | 12:53 | 2:23:26.2 | 56:42:1 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0199-0203.DARK | 900 | 14:12 | 2:23:26.2 | 56:42:1 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |

UT Date 2006-10-20 Observers W.PetersColl. Focus 1320 Grating/Grism 300

| <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> |
|--------------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0006-0010.DARK | 900 | 1:17 | 18:32:38.5 | +31:29:27 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0011-0020.BIAS | 0 | 1:40 | 18:32:38.5 | +31:29:27 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0021-0035.FLAT | 25 | 1:49 | 18:32:38.5 | +31:29:27 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0036.BDp284211 | 90 | 1:59 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0037.BDp284211 | 90 | 2:02 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0038.COMP | 10 | 2:07 | 21:51:07.4 | +28:50:39 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0039.BDp174708 | 45 | 2:24 | 22:11:31.4 | 18:05:33 | 300 | 80 | 3.0 | #56 Spectropho | 2 | |
| 0040.BDp174708 | 45 | 2:25 | 22:11:31.4 | 18:05:33 | 300 | 80 | 3.0 | #56 Spectropho | 2 | |
| 0041.COMP | 10 | 2:26 | 22:11:31.4 | 18:05:33 | 300 | 80 | 3.0 | #56 Spectropho | 2 | |
| 0042.sn2006gz | 1200 | 2:48 | 18:10:26.3 | 30:59:44 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0043.COMP | 10 | 3:08 | 18:10:26.3 | 30:59:44 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0044.SDSS2136+0041 | 1200 | 3:17 | 21:36:38.5 | +00:41:54 | 300 | 90 | 3.0 | #165 Quasar Br | 2 | |
| 0045.COMP | 10 | 3:37 | 21:36:38.5 | +00:41:54 | 300 | 90 | 3.0 | #165 Quasar Br | 2 | |
| 0046.N7331 | 180 | 3:41 | 22:34:46.9 | +34:09:43 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0047.N7331 | 180 | 3:44 | 22:34:46.9 | +34:09:43 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0048.COMP | 10 | 3:48 | 22:34:46.9 | +34:09:43 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0049.SDSS2215-0045 | 1200 | 3:54 | 22:15:11.9 | -00:45:49 | 300 | 90 | 3.0 | #165 Quasar Br | 2 | |
| 0050.SDSS2215-0045 | 1200 | 4:20 | 22:15:05.3 | -00:47:27 | 300 | 90 | 3.0 | #165 Quasar Br | 2 | |
| 0051.SDSS2215-0045 | 1200 | 4:40 | 22:15:05.3 | -00:47:27 | 300 | 90 | 3.0 | #165 Quasar Br | 2 | |
| 0052.COMP | 10 | 5:01 | 22:15:05.3 | -00:47:27 | 300 | 90 | 3.0 | #165 Quasar Br | 2 | |

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| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|--------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------------------------------|
| 0053.SDSS2313+0034 | 1200 | 5:08 | 23:13:24.4 | +00:34:44 | 300 | 90 | 3.0 | #165 Quasar Br | 2 | |
| 0054.SDSS2313+0034 | 1200 | 5:29 | 23:13:24.4 | +00:34:44 | 300 | 90 | 3.0 | #165 Quasar Br | 2 | |
| 0055.SDSS2313+0034 | 1200 | 5:51 | 23:13:24.4 | +00:34:44 | 300 | 90 | 3.0 | #165 Quasar Br | 2 | |
| 0056.COMP | 10 | 6:11 | 23:13:24.4 | +00:34:44 | 300 | 90 | 3.0 | #165 Quasar Br | 2 | |
| 0057.COMP | 15 | 6:24 | 23:13:15.3 | +00:34:43 | 300 | 90 | 3.0 | #165 Quasar Br | 2 | taken at zenith not with Cyg X-2 |
| 0058.CygX2 | 1200 | 6:32 | 21:44:41.2 | 38:19:18 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0059.COMP | 15 | 6:53 | 21:44:41.2 | 38:19:18 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0060.BDp284211 | 60 | 6:57 | 21:51:11.0 | 28:51:50 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0061.COMP | 15 | 6:58 | 21:51:11.0 | 28:51:50 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0062-0066.FLAT | 60 | 7:05 | 21:51:11.0 | 28:51:50 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0071.BIAS | 0 | 7:22 | 01:52:27.3 | +31:27:41 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | grating change |
| 0072.SDSS0045+1438 | 1200 | 7:34 | 00:45:27.6 | +14:38:16 | 300 | 90 | 3.0 | #165 Quasar Br | 2 | |
| 0073.COMP | 10 | 7:55 | 00:45:27.6 | +14:38:16 | 300 | 90 | 3.0 | #165 Quasar Br | 2 | |
| 0074.SDSS0045+1438 | 1200 | 7:56 | 00:45:27.6 | +14:38:16 | 300 | 90 | 3.0 | #165 Quasar Br | 2 | |
| 0075.SDSS0045+1438 | 1200 | 8:17 | 00:45:27.6 | +14:38:16 | 300 | 90 | 3.0 | #165 Quasar Br | 2 | |
| 0076.COMP | 10 | 8:37 | 00:45:27.6 | +14:38:16 | 300 | 90 | 3.0 | #165 Quasar Br | 2 | |
| 0077.SDSS0132-0027 | 1200 | 8:43 | 01:32:35.2 | -00:27:04 | 300 | 90 | 3.0 | #165 Quasar Br | 2 | |
| 0078.COMP | 10 | 9:03 | 01:32:35.2 | -00:27:04 | 300 | 90 | 3.0 | #165 Quasar Br | 2 | |
| 0079.sn2006gr | 1800 | 9:15 | 04:13:12.5 | +31:28:42 | 300 | 75 | 3.0 | #2 SN Observat | 2 | |
| 0080.Akn120 | 300 | 10:07 | 05:13:38.0 | -00:12:15 | 300 | 70 | 3.0 | #6 AGN Monitor | 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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0081.COMP | 10 | 10:12 | 05:13:38.0 | -00:12:15 | 300 | 70 | 3.0 | #6 AGN Monitor | 2 | |
| 0082.GITau | 240 | 10:24 | 4:33:34 | 24:21:18 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0083.COMP | 10 | 10:28 | 4:33:34 | 24:21:18 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0084.GITau | 240 | 10:29 | 4:33:34 | 24:21:18 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0085.COMP | 10 | 10:34 | 4:33:34 | 24:21:18 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0086.BGGem | 300 | 10:40 | 6:03:31 | 27:41:50 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0087.COMP | 10 | 10:45 | 6:03:31 | 27:41:50 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0088.BXMon | 180 | 10:51 | 7:25:23 | -03:35:51 | 300 | 70 | 3.0 | #12 Symbiotic | 2 | |
| 0089.COMP | 10 | 10:54 | 7:25:23 | -03:35:51 | 300 | 70 | 3.0 | #12 Symbiotic | 2 | |
| 0090.fmfa250 | 900 | 11:07 | 04:12:04.0 | 2:50:07 | 300 | 110 | 3.0 | #171 Local Uni | 2 | |
| 0091.COMP | 10 | 11:22 | 04:12:04.0 | 2:50:07 | 300 | 110 | 3.0 | #171 Local Uni | 2 | |
| 0092.sn2006jc | 600 | 11:28 | 09:17:20.7 | +41:54:32 | 300 | 100 | 3.0 | #2 SN Observat | 2 | |
| 0093.COMP | 10 | 11:39 | 09:17:20.7 | +41:54:32 | 300 | 100 | 3.0 | #2 SN Observat | 2 | |
| 0094.fmfa249 | 900 | 11:50 | 04:11:58.0 | 2:39:04 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0095.COMP | 10 | 12:06 | 04:11:58.0 | 2:39:04 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0096.fmfa252 | 600 | 12:10 | 04:12:17.1 | 2:57:14 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0097.COMP | 10 | 12:21 | 04:12:17.1 | 2:57:14 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0098-0107.BIAS | 0 | 12:27 | 04:12:17.1 | 2:57:14 | 300 | 90 | 3.0 | #165 Quasar Br | 2 | |
| 0108-0122.FLAT | 25 | 12:36 | 04:12:17.1 | 2:57:14 | 300 | 90 | 3.0 | #165 Quasar Br | 2 | |
| 0123-0127.DARK | 900 | 13:58 | 04:12:17.1 | 2:57:14 | 300 | 90 | 3.0 | #165 Quasar Br | 2 | |

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| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0012-0021.BIAS | 0 | 1:40 | 19:57:20.3 | +31:28:37 | 300 | 90 | 3.0 | #165 Quasar Br | 2 | |
| 0022-0036.FLAT | 25 | 1:49 | 19:57:20.3 | +31:28:37 | 300 | 90 | 3.0 | #165 Quasar Br | 2 | |
| 0037.BDp284211 | 90 | 2:03 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0038.BDp284211 | 90 | 2:04 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0039.COMP | 10 | 2:06 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0040.BDp174708 | 45 | 2:12 | 22:11:31.4 | 18:05:33 | 300 | 80 | 3.0 | #56 Spectropho | 2 | |
| 0041.BDp174708 | 45 | 2:13 | 22:11:31.4 | 18:05:33 | 300 | 80 | 3.0 | #56 Spectropho | 2 | |
| 0042.COMP | 10 | 2:14 | 22:11:31.4 | 18:05:33 | 300 | 80 | 3.0 | #56 Spectropho | 2 | |
| 0043.N7331 | 180 | 2:18 | 22:34:46.9 | +34:09:43 | 300 | 80 | 3.0 | #57 Velocity S | 2 | |
| 0044.N7331 | 180 | 2:22 | 22:34:46.9 | +34:09:43 | 300 | 80 | 3.0 | #57 Velocity S | 2 | |
| 0045.COMP | 10 | 2:27 | 22:34:46.9 | +34:09:43 | 300 | 80 | 3.0 | #57 Velocity S | 2 | |
| 0046.sn2006gz | 1200 | 2:38 | 18:10:26.3 | 30:59:44 | 300 | 70 | 3.0 | #2 SN Observat | 2 | |
| 0047.COMP | 10 | 2:58 | 18:10:26.3 | 30:59:44 | 300 | 70 | 3.0 | #2 SN Observat | 2 | |
| 0049.CygX2 | 1200 | 3:29 | 21:44:41.2 | 38:19:18 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0050.COMP | 15 | 3:50 | 21:44:41.2 | 38:19:18 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0051.BDp284211 | 60 | 3:53 | 21:51:11.0 | 28:51:50 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0052.COMP | 15 | 3:54 | 21:51:11.0 | 28:51:50 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0053-0057.FLAT | 60 | 4:02 | 21:51:11.0 | 28:51:50 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0059.3C390.3 | 300 | 4:20 | 18:42:09.0 | 79:46:17 | 300 | 109 | 3.0 | #6 AGN Monitor | 2 | |
| 0060.3C390.3 | 300 | 4:25 | 18:42:09.0 | 79:46:17 | 300 | 109 | 3.0 | #6 AGN Monitor | 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> |
|-----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0061.3C390.3 | 300 | 4:32 | 18:42:09.0 | 79:46:17 | 300 | 109 | 3.0 | #6 AGN Monitor | 2 | |
| 0062.3C390.3 | 300 | 4:37 | 18:42:09.0 | 79:46:17 | 300 | 109 | 3.0 | #6 AGN Monitor | 2 | |
| 0063.COMP | 10 | 4:43 | 18:42:09.0 | 79:46:17 | 300 | 109 | 3.0 | #6 AGN Monitor | 2 | |
| 0064.MRK509 | 180 | 4:52 | 20:44:09.8 | -10:43:24 | 300 | 40 | 3.0 | #6 AGN Monitor | 2 | |
| 0065.MRK509 | 180 | 4:55 | 20:44:09.8 | -10:43:24 | 300 | 40 | 3.0 | #6 AGN Monitor | 2 | |
| 0066.COMP | 10 | 4:59 | 20:44:09.8 | -10:43:24 | 300 | 40 | 3.0 | #6 AGN Monitor | 2 | |
| 0067.Akn564 | 180 | 5:05 | 22:42:39.4 | +29:43:31 | 300 | 110 | 3.0 | #6 AGN Monitor | 2 | |
| 0068.Akn564 | 180 | 5:08 | 22:42:39.4 | +29:43:31 | 300 | 110 | 3.0 | #6 AGN Monitor | 2 | |
| 0069.COMP | 10 | 5:11 | 22:42:39.4 | +29:43:31 | 300 | 110 | 3.0 | #6 AGN Monitor | 2 | |
| 0070.N7469 | 120 | 5:16 | 23:03:15.7 | +08:52:27 | 300 | 70 | 3.0 | #6 AGN Monitor | 2 | |
| 0071.N7469 | 120 | 5:19 | 23:03:15.7 | +08:52:27 | 300 | 70 | 3.0 | #6 AGN Monitor | 2 | |
| 0072.COMP | 10 | 5:21 | 23:03:15.7 | +08:52:27 | 300 | 70 | 3.0 | #6 AGN Monitor | 2 | |
| 0073.IPHASB_750 | 300 | 5:34 | 01:50:25.7 | +60:22:45 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0074.COMP | 10 | 5:39 | 01:50:25.7 | +60:22:45 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0075.IPHASB_751 | 300 | 5:44 | 01:51:05.6 | +61:16:02 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0076.COMP | 10 | 5:50 | 01:51:05.6 | +61:16:02 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0077.IPHASB_752 | 300 | 5:54 | 01:51:23.6 | +60:00:38 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0078.COMP | 10 | 6:00 | 01:51:23.6 | +60:00:38 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0079.IPHASB_754 | 300 | 6:03 | 01:53:07.2 | +65:01:10 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0080.COMP | 10 | 6:08 | 01:53:07.2 | +65:01:10 | 300 | 90 | 3.0 | #157 IPHAS | 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> |
|-----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0081.IPHASB_753 | 300 | 6:14 | 01:52:13.0 | +62:48:13 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0082.COMP | 10 | 6:20 | 01:52:13.0 | +62:48:13 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0083.IPHASB_757 | 300 | 6:28 | 01:55:20.6 | +61:17:52 | 300 | 110 | 3.0 | #157 IPHAS | 2 | |
| 0084.COMP | 10 | 6:34 | 01:55:20.6 | +61:17:52 | 300 | 110 | 3.0 | #157 IPHAS | 2 | |
| 0085.IPHASB_758 | 300 | 6:37 | 01:56:13.2 | +63:56:23 | 300 | 110 | 3.0 | #157 IPHAS | 2 | |
| 0086.COMP | 10 | 6:42 | 01:56:13.2 | +63:56:23 | 300 | 110 | 3.0 | #157 IPHAS | 2 | |
| 0087.IPHASB_759 | 300 | 6:45 | 01:56:27.8 | +61:29:39 | 300 | 110 | 3.0 | #157 IPHAS | 2 | |
| 0088.COMP | 10 | 6:51 | 01:56:27.8 | +61:29:39 | 300 | 110 | 3.0 | #157 IPHAS | 2 | |
| 0089.IPHASB_760 | 300 | 6:57 | 01:56:30.8 | +63:03:07 | 300 | 100 | 3.0 | #157 IPHAS | 2 | |
| 0090.COMP | 10 | 7:18 | 01:56:48.0 | +63:01:35 | 300 | 100 | 3.0 | #157 IPHAS | 2 | |
| 0091.IPHASB_761 | 300 | 7:31 | 01:56:45.7 | +63:52:59 | 300 | 100 | 3.0 | #157 IPHAS | 2 | |
| 0092.COMP | 10 | 7:38 | 01:56:45.7 | +63:52:59 | 300 | 100 | 3.0 | #157 IPHAS | 2 | |
| 0093.IPHASB_762 | 300 | 7:44 | 01:58:04.4 | +65:30:20 | 300 | 70 | 3.0 | #157 IPHAS | 2 | |
| 0094.COMP | 10 | 7:49 | 01:58:04.4 | +65:30:20 | 300 | 70 | 3.0 | #157 IPHAS | 2 | |
| 0095.IPHASB_763 | 300 | 7:53 | 01:59:19.6 | +64:50:53 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0096.COMP | 10 | 7:58 | 01:59:19.6 | +64:50:53 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0097.IPHASB_764 | 180 | 8:00 | 01:59:39.0 | +64:36:15 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0098.COMP | 10 | 8:03 | 01:59:39.0 | +64:36:15 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0099.hxPer152 | 180 | 8:14 | 2:22:47.8 | 57:8:53 | 300 | 110 | 3.0 | #170 h & chi P | 2 | |
| 0100.COMP | 10 | 8:17 | 2:22:47.8 | 57:8:53 | 300 | 110 | 3.0 | #170 h & chi P | 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> |
|---------------|-----------------|-----------------|-----------|------------|------------|-------------|-------------|----------------|------------|----------------------------------|
| 0101.hxPer153 | 180 | 8:21 | 2:22:46.0 | 57:20:40 | 300 | 110 | 3.0 | #170 h & chi P | 2 | |
| 0102.COMP | 10 | 8:25 | 2:22:46.0 | 57:20:40 | 300 | 110 | 3.0 | #170 h & chi P | 2 | |
| 0103.hxPer154 | 180 | 8:29 | 2:18:44.1 | 56:55:30 | 300 | 80 | 3.0 | #170 h & chi P | 2 | |
| 0104.COMP | 10 | 8:32 | 2:18:44.1 | 56:55:30 | 300 | 80 | 3.0 | #170 h & chi P | 2 | |
| 0105.hxPer155 | 180 | 8:36 | 2:17:8.1 | 57:21:30 | 300 | 77 | 3.0 | #170 h & chi P | 2 | |
| 0106.COMP | 10 | 8:39 | 2:17:8.1 | 57:21:30 | 300 | 77 | 3.0 | #170 h & chi P | 2 | |
| 0107.hxPer156 | 240 | 8:46 | 2:19:23.3 | 57:0:11 | 300 | -10 | 3.0 | #170 h & chi P | 2 | |
| 0108.COMP | 10 | 8:51 | 2:19:23.3 | 57:0:11 | 300 | -10 | 3.0 | #170 h & chi P | 2 | |
| 0109.hxPer157 | 300 | 9:05 | 2:23:33.7 | 57:25:17 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0110.COMP | 10 | 9:10 | 2:23:33.7 | 57:25:17 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0111.hxPer158 | 240 | 9:15 | 2:19:6.2 | 56:56:0 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0112.COMP | 10 | 9:19 | 2:19:6.2 | 56:56:0 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0113.hxPer159 | 240 | 9:24 | 2:19:14.8 | 57:5:18 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0114.COMP | 10 | 9:28 | 2:19:14.8 | 57:5:18 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0115.hxPer160 | 240 | 9:32 | 2:24:22.8 | 57:8:4 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0116.COMP | 10 | 9:37 | 2:24:22.8 | 57:8:4 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0117.hxPer15 | 300 | 9:42 | 2:22:26.2 | 57:4:15 | 300 | 70 | 3.0 | #170 h & chi P | 2 | The spectrum at 90 is the object |
| 0118.COMP | 10 | 9:48 | 2:22:26.2 | 57:4:15 | 300 | 70 | 3.0 | #170 h & chi P | 2 | |
| 0119.hxPer149 | 300 | 9:56 | 2:23:26.2 | 56:42:1 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0120.COMP | 10 | 10:03 | 2:23:26.2 | 56:42:1 | 300 | 90 | 3.0 | #170 h & chi P | 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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|----------------------------------|
| 0121.hxPer150 | 300 | 10:09 | 2:17:47.1 | 56:44:7 | 300 | 110 | 3.0 | #170 h & chi P | 2 | |
| 0122.COMP | 10 | 10:14 | 2:17:47.1 | 56:44:7 | 300 | 110 | 3.0 | #170 h & chi P | 2 | |
| 0123.hxPer151 | 300 | 10:17 | 2:19:3.5 | 56:46:50 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0124.COMP | 10 | 10:22 | 2:19:3.5 | 56:46:50 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0125.sn2006X1 | 1800 | 10:45 | 05:52:37.3 | 66:49:00 | 300 | -15 | 3.0 | #2 Supernovae | 2 | actually sn2006X1 not in catalog |
| 0126.COMP | 10 | 11:16 | 05:52:37.3 | 66:49:00 | 300 | -15 | 3.0 | #2 Supernovae | 2 | |
| 0127.sn2006jc | 600 | 11:35 | 09:17:20.7 | +41:54:32 | 300 | 110 | 3.0 | #2 SN Observat | 2 | |
| 0128.COMP | 10 | 11:46 | 09:17:20.7 | +41:54:32 | 300 | 110 | 3.0 | #2 SN Observat | 2 | |
| 0131-0140.BIAS | 0 | 12:30 | 04:12:05.7 | +02:49:44 | 300 | 44 | 3.0 | #170 h & chi P | 2 | |
| 0141-0155.FLAT | 25 | 12:39 | 04:12:05.7 | +02:49:44 | 300 | 44 | 3.0 | #170 h & chi P | 2 | |
| 0156-0160.DARK | 900 | 13:58 | 04:12:05.7 | +02:49:44 | 300 | 90 | 3.0 | #170 h & chi P | 4 | |
| 0161-0165.DARK | 900 | 15:14 | 04:12:05.7 | +02:49:44 | 300 | 90 | 3.0 | #170 h & chi P | 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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0002-0006.DARK | 900 | 0:50 | 04:12:05.7 | +02:49:44 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0007-0016.BIAS | 0 | 1:08 | 04:12:05.7 | +02:49:44 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0017-0031.FLAT | 25 | 1:17 | 04:12:05.7 | +02:49:44 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0032.BDp284211 | 90 | 1:38 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0033.BDp284211 | 90 | 1:40 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0034.COMP | 10 | 1:42 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0035.BDp174708 | 45 | 1:47 | 22:11:31.4 | 18:05:33 | 300 | -56 | 3.0 | #56 Spectropho | 2 | |
| 0036.BDp174708 | 45 | 1:48 | 22:11:31.4 | 18:05:33 | 300 | -56 | 3.0 | #56 Spectropho | 2 | |
| 0037.COMP | 10 | 1:50 | 22:11:31.4 | 18:05:33 | 300 | -56 | 3.0 | #56 Spectropho | 2 | |
| 0038.N7331 | 180 | 1:54 | 22:34:46.9 | +34:09:43 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0039.N7331 | 180 | 1:58 | 22:34:46.9 | +34:09:43 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0040.COMP | 10 | 2:01 | 22:34:46.9 | +34:09:43 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0041.sn2006gz | 1200 | 2:06 | 18:10:26.3 | 30:59:44 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0042.COMP | 10 | 2:27 | 18:10:26.3 | 30:59:44 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0043.RS0ph | 10 | 2:33 | 17:50:13 | -06:42:30 | 300 | 50 | 3.0 | #12 Symbiotic | 2 | |
| 0045.RS0ph | 60 | 2:35 | 17:50:13 | -06:42:30 | 300 | 50 | 3.0 | #12 Symbiotic | 2 | |
| 0046.RS0ph | 150 | 2:36 | 17:50:13 | -06:42:30 | 300 | 50 | 3.0 | #12 Symbiotic | 2 | |
| 0047.COMP | 10 | 2:40 | 17:50:13 | -06:42:30 | 300 | 50 | 3.0 | #12 Symbiotic | 2 | |
| 0049.CygX2 | 1200 | 2:53 | 21:44:41.2 | 38:19:18 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0050.COMP | 15 | 3:14 | 21:44:41.2 | 38:19:18 | 600 | 90 | 2.0 | #174 Cyg X-2 | 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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|----------------------|
| 0051.BDp284211 | 60 | 3:17 | 21:51:11.0 | 28:51:50 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0052.COMP | 10 | 3:19 | 21:51:11.0 | 28:51:50 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | only 10seconds sorry |
| 0053-0057.FLAT | 60 | 3:27 | 21:51:11.0 | 28:51:50 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0061.BFCyg | 1 | 3:52 | 19:23:53 | 29:40:27 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0062.BFCyg | 60 | 3:52 | 19:23:53 | 29:40:27 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0063.COMP | 10 | 3:54 | 19:23:53 | 29:40:27 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0064.CHCyg | 1 | 4:00 | 19:24:33 | 50:14:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0065.CHCyg | 5 | 4:00 | 19:24:33 | 50:14:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0066.CHCyg | 30 | 4:01 | 19:24:33 | 50:14:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0067.COMP | 10 | 4:02 | 19:24:33 | 50:14:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0068.CICyg | 2 | 4:06 | 19:50:12 | 35:41:02 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0069.CICyg | 20 | 4:06 | 19:50:12 | 35:41:02 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0070.CICyg | 60 | 4:07 | 19:50:12 | 35:41:02 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0071.COMP | 10 | 4:08 | 19:50:12 | 35:41:02 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0072.PUVul | 1 | 4:11 | 20:21:13 | 21:34:21 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0073.PUVul | 10 | 4:12 | 20:21:13 | 21:34:21 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0075.PUVul | 60 | 4:15 | 20:21:13 | 21:34:21 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0076.COMP | 10 | 4:16 | 20:21:13 | 21:34:21 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0077.ZAnd | 1 | 4:19 | 23:33:40 | 48:49:06 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0078.ZAnd | 5 | 4:20 | 23:33:40 | 48:49:06 | 300 | 90 | 3.0 | #12 Symbiotic | 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> |
|------------------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|------------------|
| 0079.ZAnd | 30 | 4:20 | 23:33:40 | 48:49:06 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0080.COMP | 10 | 4:21 | 23:33:40 | 48:49:06 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0081.RAqr | 0 | 4:25 | 23:43:49 | -15:17:05 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | 0.5 sec exposure |
| 0082.RAqr | 1 | 4:26 | 23:43:49 | -15:17:05 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0083.RAqr | 5 | 4:26 | 23:43:49 | -15:17:05 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0084.RAqr | 10 | 4:26 | 23:43:49 | -15:17:05 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0085.COMP | 10 | 4:27 | 23:43:49 | -15:17:05 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0086.MRK335 | 150 | 4:32 | 00:06:19.6 | +20:12:11 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0087.MRK335 | 150 | 4:35 | 00:06:19.6 | +20:12:11 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0088.COMP | 10 | 4:40 | 00:06:19.6 | +20:12:11 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0089.snf003 | 1200 | 5:00 | 00:35:27.8 | +02:55:50 | 300 | -26 | 3.0 | #2 SN Observat | 2 | |
| 0090.COMP | 10 | 5:20 | 00:35:27.8 | +02:55:50 | 300 | -26 | 3.0 | #2 SN Observat | 2 | |
| 0091.S036.1231M00.0057 | 2100 | 5:44 | 02:24:29.5 | -00:00:20 | 300 | 90 | 3.0 | #129 CHAMP Sou | 2 | |
| 0092.COMP | 10 | 6:20 | 02:24:29.5 | -00:00:20 | 300 | 90 | 3.0 | #129 CHAMP Sou | 2 | |
| 0093.S036.2059M00.1777 | 2400 | 6:50 | 02:24:49.4 | -00:10:39 | 300 | 90 | 3.0 | #129 CHAMP Sou | 2 | |
| 0094.COMP | 10 | 7:31 | 02:24:49.4 | -00:10:39 | 300 | 90 | 3.0 | #129 CHAMP Sou | 2 | |
| 0095.EGAnd | 1 | 7:35 | 0:44:37 | 40:40:47 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0096.EGAnd | 5 | 7:35 | 0:44:37 | 40:40:47 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0097.EGAnd | 10 | 7:35 | 0:44:37 | 40:40:47 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0098.COMP | 10 | 7:36 | 0:44:37 | 40:40:47 | 300 | 90 | 3.0 | #12 Symbiotic | 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> |
|---------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0099.AXPer | 4 | 7:38 | 1:36:23 | 54:15:03 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0100.AXPer | 30 | 7:39 | 1:36:23 | 54:15:03 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0101.AXPer | 90 | 7:40 | 1:36:23 | 54:15:03 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0102.COMP | 10 | 7:42 | 1:36:23 | 54:15:03 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0103.fmfa059 | 1800 | 7:47 | 01:17:10.1 | 32:54:12 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0104.COMP | 10 | 8:19 | 01:17:10.1 | 32:54:12 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0105.fmfa060 | 600 | 8:40 | 01:18:25.6 | 32:33:14 | 300 | 94 | 3.0 | #171 Local Uni | 2 | |
| 0106.COMP | 10 | 8:50 | 01:18:25.6 | 32:33:14 | 300 | 94 | 3.0 | #171 Local Uni | 2 | |
| 0107.sn2006hb | 1500 | 9:00 | 05:02:01.2 | -21:07:55 | 300 | 70 | 3.0 | #2 SN Observat | 2 | |
| 0108.COMP | 10 | 9:25 | 05:02:01.2 | -21:07:55 | 300 | 70 | 3.0 | #2 SN Observat | 2 | |
| 0109.fmfa256 | 480 | 9:31 | 04:12:56.0 | 2:48:56 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0110.COMP | 10 | 9:40 | 04:12:56.0 | 2:48:56 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0111.fmfa257 | 480 | 9:42 | 04:13:04.3 | 2:56:56 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0112.COMP | 10 | 9:51 | 04:13:04.3 | 2:56:56 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0113.fmfa258 | 300 | 9:56 | 04:13:05.2 | 2:06:32 | 300 | 60 | 3.0 | #171 Local Uni | 2 | |
| 0114.COMP | 10 | 10:02 | 04:13:05.2 | 2:06:32 | 300 | 60 | 3.0 | #171 Local Uni | 2 | |
| 0115.fmfa259 | 540 | 10:09 | 04:13:22.4 | 2:24:47 | 300 | 100 | 3.0 | #171 Local Uni | 2 | |
| 0116.COMP | 10 | 10:18 | 04:13:22.4 | 2:24:47 | 300 | 100 | 3.0 | #171 Local Uni | 2 | |
| 0117.fmfa260 | 330 | 10:24 | 04:13:24.6 | 3:05:59 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0118.COMP | 10 | 10:30 | 04:13:24.6 | 3:05:59 | 300 | 90 | 3.0 | #171 Local Uni | 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> |
|-----------------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0119.fmfa261 | 480 | 10:34 | 04:13:27.5 | 1:25:46 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0120.COMP | 10 | 10:43 | 04:13:27.5 | 1:25:46 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0121.fmfa262 | 480 | 10:50 | 04:13:47.4 | 3:24:29 | 300 | 30 | 3.0 | #171 Local Uni | 2 | |
| 0122.COMP | 10 | 10:58 | 04:13:47.4 | 3:24:29 | 300 | 30 | 3.0 | #171 Local Uni | 2 | |
| 0123.sn2006jc | 600 | 11:05 | 09:17:20.7 | +41:54:32 | 300 | 109 | 3.0 | #2 SN Observat | 2 | |
| 0124.COMP | 10 | 11:15 | 09:17:20.7 | +41:54:32 | 300 | 109 | 3.0 | #2 SN Observat | 2 | |
| 0125.07021062+0623126 | 240 | 11:36 | 07:02:10.6 | +06:23:12 | 300 | 109 | 3.0 | #141 Mapping t | 2 | |
| 0126.COMP | 10 | 11:40 | 07:02:10.6 | +06:23:12 | 300 | 109 | 3.0 | #141 Mapping t | 2 | |
| 0127.07134001+0612196 | 300 | 11:44 | 07:13:40.0 | +06:12:19 | 300 | 85 | 3.0 | #141 Mapping t | 2 | |
| 0128.COMP | 10 | 11:50 | 07:13:40.0 | +06:12:19 | 300 | 85 | 3.0 | #141 Mapping t | 2 | |
| 0129.06333130-1311163 | 720 | 12:00 | 06:33:31.3 | -13:11:16 | 300 | 75 | 3.0 | #141 Mapping t | 2 | |
| 0130.COMP | 10 | 12:12 | 06:33:31.3 | -13:11:16 | 300 | 75 | 3.0 | #141 Mapping t | 2 | |
| 0131.06361014+2349382 | 720 | 12:18 | 06:36:10.1 | +23:49:38 | 300 | 95 | 3.0 | #141 Mapping t | 2 | |
| 0132.COMP | 10 | 12:31 | 06:36:10.1 | +23:49:38 | 300 | 95 | 3.0 | #141 Mapping t | 2 | |
| 0133-0142.BIAS | 0 | 12:36 | 06:36:10.1 | +23:49:38 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | |
| 0143-0157.FLAT | 25 | 12:45 | 06:36:10.1 | +23:49:38 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | |
| 0158-0162.DARK | 900 | 14:03 | 06:36:10.1 | +23:49:38 | 300 | 90 | 3.0 | #174 Cyg X-2 | 4 | |
| 0163-0167.DARK | 900 | 15:19 | 06:36:10.1 | +23:49:38 | 300 | 90 | 3.0 | #174 Cyg X-2 | 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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0004-0008.DARK | 900 | 0:48 | 06:36:10.1 | +23:49:38 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | |
| 0009-0018.BIAS | 0 | 1:10 | 06:36:10.1 | +23:49:38 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | |
| 0019-0033.FLAT | 25 | 1:19 | 06:36:10.1 | +23:49:38 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | |
| 0034.HIP101076 | 2 | 1:33 | 20:29:23.7 | +30:22:06 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0035.HIP101076 | 2 | 1:34 | 20:29:23.7 | +30:22:06 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0036.HIP101076 | 2 | 1:35 | 20:29:23.7 | +30:22:06 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0037.COMP | 10 | 1:37 | 20:29:23.7 | +30:22:06 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0038.N7331 | 180 | 1:42 | 22:34:46.9 | +34:09:43 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0039.N7331 | 180 | 1:45 | 22:34:46.9 | +34:09:43 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0040.COMP | 10 | 1:49 | 22:34:46.9 | +34:09:43 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0041.BDp284211 | 90 | 1:52 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0042.BDp284211 | 90 | 1:54 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0043.COMP | 10 | 1:56 | 21:51:11.1 | 28:51:53 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0044.sn2006gz | 1200 | 2:00 | 18:10:26.3 | 30:59:44 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0045.COMP | 10 | 2:21 | 18:10:26.3 | 30:59:44 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0046.BDp174708 | 45 | 2:25 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0047.BDp174708 | 45 | 2:26 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0048.COMP | 10 | 2:27 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0050.CygX2 | 1200 | 2:43 | 21:44:41.2 | 38:19:18 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0051.COMP | 15 | 3:03 | 21:44:41.2 | 38:19:18 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |

UT Date 2006-10-23 Observers W.PetersColl. Focus 1320 Grating/Grism 300

| <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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0052.BDp284211 | 60 | 3:06 | 21:51:11.0 | 28:51:50 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0053.COMP | 15 | 3:08 | 21:51:11.0 | 28:51:50 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0054-0058.FLAT | 60 | 3:16 | 21:51:11.0 | 28:51:50 | 600 | 90 | 2.0 | #174 Cyg X-2 | 2 | |
| 0061.Akn564 | 180 | 3:39 | 22:42:39.4 | +29:43:31 | 300 | 100 | 3.0 | #6 AGN Monitor | 2 | |
| 0062.Akn564 | 180 | 3:42 | 22:42:39.4 | +29:43:31 | 300 | 100 | 3.0 | #6 AGN Monitor | 2 | |
| 0063.COMP | 10 | 3:46 | 22:42:39.4 | +29:43:31 | 300 | 100 | 3.0 | #6 AGN Monitor | 2 | |
| 0064.sn2006gr | 1500 | 3:55 | 22:32:22.6 | +30:49:43 | 300 | 100 | 3.0 | #2 SN Observat | 2 | |
| 0065.COMP | 10 | 4:21 | 22:32:22.6 | +30:49:43 | 300 | 100 | 3.0 | #2 SN Observat | 2 | |
| 0066.snf003 | 1200 | 4:40 | 00:35:27.8 | +02:55:50 | 300 | -30 | 3.0 | #2 SN Observat | 2 | |
| 0067.COMP | 10 | 5:01 | 00:35:27.8 | +02:55:50 | 300 | -30 | 3.0 | #2 SN Observat | 2 | |
| 0068.fmfa061 | 330 | 5:10 | 01:19:13.4 | 31:46:26 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0069.COMP | 10 | 5:16 | 01:19:13.4 | 31:46:26 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0070.fmfa062 | 330 | 5:18 | 01:19:34.9 | 32:10:49 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0071.COMP | 10 | 5:24 | 01:19:34.9 | 32:10:49 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0072.fmfa063 | 360 | 5:27 | 01:19:44.8 | 32:00:09 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0073.COMP | 10 | 5:33 | 01:19:44.8 | 32:00:09 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0074.fmfa064 | 900 | 5:38 | 01:19:56.1 | 32:06:10 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0075.COMP | 10 | 5:54 | 01:19:56.1 | 32:06:10 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0076.fmfa065 | 480 | 5:56 | 01:20:10.2 | 32:47:03 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0077.COMP | 10 | 6:05 | 01:20:10.2 | 32:47:03 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |

UT Date 2006-10-23 Observers W.PetersColl. Focus 1320 Grating/Grism 300

| <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> |
|-------------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0078.fmfa066 | 900 | 6:11 | 01:20:35.4 | 31:38:40 | 300 | 95 | 3.0 | #171 Local Uni | 2 | |
| 0079.COMP | 10 | 6:27 | 01:20:35.4 | 31:38:40 | 300 | 95 | 3.0 | #171 Local Uni | 2 | |
| 0080.fmfa067 | 480 | 6:32 | 01:20:58.0 | 33:44:11 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0081.COMP | 10 | 6:40 | 01:20:58.0 | 33:44:11 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0082.fmfa068 | 420 | 6:42 | 01:21:23.7 | 31:37:30 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0083.COMP | 10 | 6:50 | 01:21:23.7 | 31:37:30 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0084.fmfa069 | 900 | 7:00 | 01:22:11.3 | 33:26:31 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0085.COMP | 10 | 7:16 | 01:22:11.3 | 33:26:31 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0086.fmfa070 | 540 | 7:21 | 01:23:11.3 | 33:29:21 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0087.COMP | 10 | 7:31 | 01:23:11.3 | 33:29:21 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0088.fmfa071 | 270 | 7:33 | 01:23:19.1 | 33:16:39 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0089.COMP | 10 | 7:39 | 01:23:19.1 | 33:16:39 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0090.fmfa072 | 300 | 7:43 | 01:23:41.5 | 33:12:10 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0091.COMP | 10 | 7:49 | 01:23:41.5 | 33:12:10 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0092.fmfa073 | 720 | 7:53 | 01:23:53.9 | 34:30:27 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0093.COMP | 10 | 8:06 | 01:23:53.9 | 34:30:27 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0094.cirsfastf042 | 720 | 8:12 | 02:02:43.8 | -1:12:19 | 300 | 75 | 3.0 | #172 SDSS Clus | 2 | |
| 0095.COMP | 10 | 8:24 | 02:02:43.8 | -1:12:19 | 300 | 75 | 3.0 | #172 SDSS Clus | 2 | |
| 0098.cirsfastf041 | 540 | 8:49 | 02:02:20.5 | -1:06:33 | 300 | 70 | 3.0 | #172 SDSS Clus | 2 | |
| 0099.COMP | 10 | 8:58 | 02:02:20.5 | -1:06:33 | 300 | 70 | 3.0 | #172 SDSS Clus | 2 | |

UT Date 2006-10-23 Observers W.PetersColl. Focus 1320 Grating/Grism 300

| <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> |
|---------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0100.hxPer16 | 270 | 9:12 | 2:21:50.4 | 56:52:8 | 300 | 98 | 3.0 | #170 h & chi P | 2 | |
| 0101.COMP | 10 | 9:17 | 2:21:50.4 | 56:52:8 | 300 | 98 | 3.0 | #170 h & chi P | 2 | |
| 0102.hxPer161 | 300 | 9:21 | 2:18:26.9 | 56:49:45 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0103.COMP | 10 | 9:27 | 2:18:26.9 | 56:49:45 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0104.hxPer162 | 540 | 9:32 | 2:17:19.9 | 56:56:2 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0105.COMP | 10 | 9:41 | 2:17:19.9 | 56:56:2 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0106.hxPer164 | 480 | 9:47 | 2:21:52.1 | 57:22:42 | 300 | 60 | 3.0 | #170 h & chi P | 2 | |
| 0107.COMP | 10 | 9:55 | 2:21:52.1 | 57:22:42 | 300 | 60 | 3.0 | #170 h & chi P | 2 | |
| 0108.hxPer165 | 360 | 10:00 | 2:18:4.1 | 56:47:52 | 300 | 95 | 3.0 | #170 h & chi P | 2 | |
| 0109.COMP | 10 | 10:06 | 2:18:4.1 | 56:47:52 | 300 | 95 | 3.0 | #170 h & chi P | 2 | |
| 0110.Akn120 | 300 | 10:16 | 05:16:15.7 | -00:11:40 | 300 | -9 | 3.0 | #6 AGN Monitor | 2 | |
| 0111.COMP | 10 | 10:21 | 05:16:15.7 | -00:11:40 | 300 | -9 | 3.0 | #6 AGN Monitor | 2 | |
| 0112.hxPer166 | 600 | 10:28 | 2:20:23.2 | 56:46:58 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0113.COMP | 10 | 10:39 | 2:20:23.2 | 56:46:58 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0114.hxPer167 | 480 | 10:42 | 2:20:2.6 | 57:22:21 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0115.COMP | 10 | 10:50 | 2:20:2.6 | 57:22:21 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0116.hxPer168 | 480 | 10:54 | 2:20:36.5 | 56:54:21 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0117.COMP | 10 | 11:02 | 2:20:36.5 | 56:54:21 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0118.hxPer169 | 480 | 11:06 | 2:17:29.5 | 56:58:58 | 300 | 105 | 3.0 | #170 h & chi P | 2 | |
| 0119.COMP | 10 | 11:15 | 2:17:29.5 | 56:58:58 | 300 | 105 | 3.0 | #170 h & chi P | 2 | |

UT Date 2006-10-23 Observers W.PetersColl. Focus 1320 Grating/Grism 300

| <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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0120.sn2006jc | 600 | 11:21 | 09:17:20.7 | +41:54:32 | 300 | 110 | 3.0 | #2 SN Observat | 2 | |
| 0121.COMP | 10 | 11:32 | 09:17:20.7 | +41:54:32 | 300 | 110 | 3.0 | #2 SN Observat | 2 | |
| 0122.fmfa263 | 600 | 11:38 | 04:13:47.5 | 3:03:23 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0123.COMP | 10 | 11:48 | 04:13:47.5 | 3:03:23 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0124.fmfa264 | 720 | 11:52 | 04:13:49.2 | 3:18:28 | 300 | 80 | 3.0 | #171 Local Uni | 2 | |
| 0125.COMP | 10 | 12:05 | 04:13:49.2 | 3:18:28 | 300 | 80 | 3.0 | #171 Local Uni | 2 | |
| 0126.fmfa267 | 600 | 12:11 | 04:14:13.7 | 2:51:46 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0127.COMP | 10 | 12:23 | 04:14:13.7 | 2:51:46 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0128-0137.BIAS | 0 | 12:27 | 04:14:13.7 | 2:51:46 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | |
| 0138-0152.FLAT | 25 | 12:36 | 04:14:13.7 | 2:51:46 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | |
| 0153-0157.DARK | 900 | 13:52 | 04:14:13.7 | 2:51:46 | 300 | 90 | 3.0 | #174 Cyg X-2 | 4 | |
| 0158-0162.DARK | 900 | 15:09 | 04:14:13.7 | 2:51:46 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | |

UT Date 2006-10-24 Observers PB/GEColl. Focus 1320 Grating/Grism 300

| <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> |
|-------------|---------------------|---------------------|-----------|------------|------------|-------------|-------------|----------------|------------|-------------------------|
| . | . | . | . | . | . | . | . | | | no observations, cloudy |

UT Date 2006-10-25 Observers P BerlindColl. Focus 1320 Grating/Grism 300

| <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> |
|---------------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0001-0010.BIAS | 0 | 2:01 | 19:55:53.3 | +31:28:38 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | |
| 0011-0025.FLAT | 25 | 2:10 | 19:55:53.3 | +31:28:38 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | |
| 0026-0030.DARK | 900 | 3:12 | 19:55:53.3 | +31:28:38 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | |
| 0031.redtest | 10 | 3:44 | 19:55:53.3 | +31:28:38 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | |
| 0032.redtest875 | 10 | 3:49 | 19:55:53.3 | +31:28:38 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | |
| 0033.redtest800 | 10 | 3:56 | 19:55:53.3 | +31:28:38 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | |
| 0034.flatredtest800 | 30 | 3:57 | 19:55:53.3 | +31:28:38 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | |
| 0035.flatredtest800 | 25 | 3:58 | 19:55:53.3 | +31:28:38 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | |
| 0036.redtilt800 | 10 | 4:01 | 19:55:53.3 | +31:28:38 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | |
| 0037.test | 10 | 4:31 | 19:55:53.3 | +31:28:38 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | |

UT Date 2006-10-26 Observers M CalkinsColl. Focus 1320 Grating/Grism 300

| <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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0001-0003.DARK | 900 | 1:58 | 19:52:18.9 | +31:28:40 | 300 | 90 | 3.0 | #174 Cyg X-2 | 4 | |
| 0004-0013.BIAS | 0 | 2:15 | 19:52:18.9 | +31:28:40 | 300 | 90 | 3.0 | #174 Cyg X-2 | 4 | |
| 0014-0023.FLAT | 12 | 2:18 | 19:52:18.9 | +31:28:40 | 300 | 90 | 3.0 | #174 Cyg X-2 | 4 | |
| 0024-0033.BIAS | 0 | 2:20 | 19:52:18.9 | +31:28:40 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | |
| 0034-0043.FLAT | 24 | 2:28 | 19:52:18.9 | +31:28:40 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | |
| 0044.BDp284211 | 90 | 2:36 | 21:51:11.1 | 28:51:53 | 300 | 110 | 3.0 | #56 Spectropho | 2 | |
| 0045.BDp284211 | 90 | 2:38 | 21:51:11.1 | 28:51:53 | 300 | 110 | 3.0 | #56 Spectropho | 2 | |
| 0046.COMP | 12 | 2:40 | 21:51:11.1 | 28:51:53 | 300 | 110 | 3.0 | #56 Spectropho | 2 | |
| 0047.BDp174708 | 45 | 2:42 | 22:11:31.4 | 18:05:33 | 300 | -30 | 3.0 | #56 Spectropho | 2 | |
| 0048.BDp174708 | 45 | 2:43 | 22:11:31.4 | 18:05:33 | 300 | -30 | 3.0 | #56 Spectropho | 2 | |
| 0049.COMP | 12 | 2:44 | 22:11:31.4 | 18:05:33 | 300 | -30 | 3.0 | #56 Spectropho | 2 | |
| 0050.3C390.3 | 300 | 2:48 | 18:42:09.0 | 79:46:17 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0051.3C390.3 | 300 | 2:53 | 18:42:09.0 | 79:46:17 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0052.3C390.3 | 300 | 2:58 | 18:42:09.0 | 79:46:17 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0053.COMP | 12 | 3:04 | 18:42:09.0 | 79:46:17 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0054.BFCyg | 1 | 3:09 | 19:23:53 | 29:40:27 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0055.BFCyg | 60 | 3:09 | 19:23:53 | 29:40:27 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0056.COMP | 12 | 3:11 | 19:23:53 | 29:40:27 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0057.CHCyg | 1 | 3:13 | 19:24:33 | 50:14:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0058.CHCyg | 5 | 3:13 | 19:24:33 | 50:14:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |

UT Date 2006-10-26 Observers M CalkinsColl. Focus 1320 Grating/Grism 300

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|--------------------|
| 0059.CHCyg | 30 | 3:13 | 19:24:33 | 50:14:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0060.COMP | 12 | 3:15 | 19:24:33 | 50:14:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0061.CICyg | 2 | 3:17 | 19:50:12 | 35:41:02 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0062.CICyg | 20 | 3:17 | 19:50:12 | 35:41:02 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0063.CICyg | 60 | 3:18 | 19:50:12 | 35:41:02 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0064.COMP | 12 | 3:20 | 19:50:12 | 35:41:02 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0065.PUVul | 1 | 3:21 | 20:21:13 | 21:34:21 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0066.PUVul | 10 | 3:22 | 20:21:13 | 21:34:21 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0067.PUVul | 60 | 3:23 | 20:21:13 | 21:34:21 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0068.PUVul | 120 | 3:24 | 20:21:13 | 21:34:21 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0069.COMP | 12 | 3:27 | 20:21:13 | 21:34:21 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0070.fmf319 | 1200 | 3:29 | 22:34:04.4 | 1:46:06 | 300 | 90 | 3.0 | #171f Local Un | 2 | |
| 0071.COMP | 12 | 3:50 | 22:34:04.4 | 1:46:06 | 300 | 90 | 3.0 | #171f Local Un | 2 | |
| 0072.sn20061c | 1800 | 4:00 | 22:44:24.4 | -00:09:53 | 300 | 27 | 3.0 | #2 SN Observat | 2 | row=72 |
| 0073.COMP | 12 | 4:31 | 22:44:24.4 | -00:09:53 | 300 | 27 | 3.0 | #2 SN Observat | 2 | |
| 0074.fmf320 | 1800 | 4:34 | 22:34:13.7 | 1:41:01 | 300 | 90 | 3.0 | #171f Local Un | 2 | |
| 0075.COMP | 12 | 5:05 | 22:34:13.7 | 1:41:01 | 300 | 90 | 3.0 | #171f Local Un | 2 | |
| 0076.fmf321 | 1500 | 5:15 | 22:34:38.0 | 1:40:00 | 300 | 90 | 3.0 | #171f Local Un | 2 | blah! Get again... |
| 0077.COMP | 12 | 5:42 | 22:34:38.0 | 1:40:00 | 300 | 90 | 3.0 | #171f Local Un | 2 | close for clouds |
| 0078-0084.DARK | 900 | 8:00 | 22:34:38.0 | 1:40:00 | 300 | 90 | 3.0 | #171f Local Un | 4 | |

UT Date 2006-10-26 Observers M CalkinsColl. Focus 1320 Grating/Grism 300

| <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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0086-0095.BIAS | 0 | 10:55 | 22:34:38.0 | 1:40:00 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | |
| 0096-0125.FLAT | 24 | 11:16 | 22:34:38.0 | 1:40:00 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | |
| 0126-0135.DARK | 900 | 14:19 | 22:34:38.0 | 1:40:00 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | |

UT Date 2006-10-27 Observers M CalkinsColl. Focus 1320 Grating/Grism 300

| <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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0001-0007.DARK | 900 | 1:43 | 22:34:38.0 | 1:40:00 | 300 | 90 | 3.0 | #174 Cyg X-2 | 4 | |
| 0008-0017.BIAS | 0 | 1:59 | 22:34:38.0 | 1:40:00 | 300 | 90 | 3.0 | #174 Cyg X-2 | 4 | |
| 0018-0027.FLAT | 12 | 2:03 | 22:34:38.0 | 1:40:00 | 300 | 90 | 3.0 | #174 Cyg X-2 | 4 | |
| 0028-0037.BIAS | 0 | 2:05 | 22:34:38.0 | 1:40:00 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | |
| 0038-0057.FLAT | 24 | 2:17 | 22:34:38.0 | 1:40:00 | 300 | 90 | 3.0 | #174 Cyg X-2 | 2 | |
| 0058.RS0ph | 10 | 2:20 | 17:50:13 | -06:42:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0059.RS0ph | 60 | 2:21 | 17:50:13 | -06:42:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0060.RS0ph | 150 | 2:23 | 17:50:13 | -06:42:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0061.COMP | 12 | 2:26 | 17:50:13 | -06:42:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0062.YYHer | 10 | 2:28 | 18:14:34 | 20:59:19 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0063.YYHer | 60 | 2:28 | 18:14:34 | 20:59:19 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0064.COMP | 12 | 2:30 | 18:14:34 | 20:59:19 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0065.V443Her | 5 | 2:31 | 18:22:07 | 23:27:20 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0066.V443Her | 45 | 2:31 | 18:22:07 | 23:27:20 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0067.V443Her | 90 | 2:32 | 18:22:07 | 23:27:20 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0068.COMP | 12 | 2:34 | 18:22:07 | 23:27:20 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0069.BDp284211 | 90 | 2:39 | 21:51:11.1 | 28:51:53 | 300 | -51 | 3.0 | #56 Spectropho | 2 | |
| 0070.BDp284211 | 90 | 2:41 | 21:51:11.1 | 28:51:53 | 300 | -51 | 3.0 | #56 Spectropho | 2 | |
| 0071.COMP | 12 | 2:43 | 21:51:11.1 | 28:51:53 | 300 | -51 | 3.0 | #56 Spectropho | 2 | |
| 0072.BDp174708 | 45 | 2:47 | 22:11:31.4 | 18:05:33 | 300 | 0 | 3.0 | #56 Spectropho | 2 | not at PA |

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| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|--------------------|
| 0073.BDp174708 | 45 | 2:48 | 22:11:31.4 | 18:05:33 | 300 | 0 | 3.0 | #56 Spectropho | 2 | not at PA |
| 0074.COMP | 12 | 2:49 | 22:11:31.4 | 18:05:33 | 300 | 0 | 3.0 | #56 Spectropho | 2 | |
| 0075.BDp174708 | 45 | 2:51 | 22:11:31.4 | 18:05:33 | 300 | -22 | 3.0 | #56 Spectropho | 2 | |
| 0076.BDp174708 | 45 | 2:52 | 22:11:31.4 | 18:05:33 | 300 | -22 | 3.0 | #56 Spectropho | 2 | |
| 0077.COMP | 12 | 2:53 | 22:11:31.4 | 18:05:33 | 300 | -22 | 3.0 | #56 Spectropho | 2 | |
| 0078.MRK509 | 180 | 2:56 | 20:44:09.8 | -10:43:24 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0079.MRK509 | 180 | 2:59 | 20:44:09.8 | -10:43:24 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0080.COMP | 12 | 3:03 | 20:44:09.8 | -10:43:24 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0081.sn20061c | 1800 | 3:07 | 22:44:24.4 | -00:09:53 | 300 | -35 | 3.0 | #2 SN Observat | 2 | |
| 0082.COMP | 12 | 3:38 | 22:44:24.4 | -00:09:53 | 300 | -35 | 3.0 | #2 SN Observat | 2 | |
| 0083.2006HR30_RED | 600 | 3:56 | 20:38:37.4 | 31:09:48 | 300 | 0 | 3.0 | #173 Small Sol | 2 | tilt=800 |
| 0084.COMP | 10 | 4:06 | 20:38:37.4 | 31:09:48 | 300 | 0 | 3.0 | #173 Small Sol | 2 | |
| 0085.2001CB21_RED | 900 | 4:16 | 22:42:32.4 | 22:48:30 | 300 | 0 | 3.0 | #173 Small Sol | 2 | more counts needed |
| 0086.COMP | 10 | 4:31 | 22:42:32.4 | 22:48:30 | 300 | 0 | 3.0 | #173 Small Sol | 2 | |
| 0087.2001CB21_RED | 1200 | 4:32 | 22:42:32.4 | 22:48:30 | 300 | 0 | 3.0 | #173 Small Sol | 2 | seeing getting bad |
| 0088.COMP | 12 | 4:53 | 22:42:32.4 | 22:48:30 | 300 | 0 | 3.0 | #173 Small Sol | 2 | |
| 0089.2005TF49_RED | 1020 | 4:58 | 21:35:16.8 | 14:15:31 | 300 | 85 | 3.0 | #173 Small Sol | 2 | |
| 0090.COMP | 10 | 5:15 | 21:35:16.8 | 14:15:31 | 300 | 85 | 3.0 | #173 Small Sol | 2 | |
| 0091.BDp174708 | 45 | 5:17 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0092.BDp174708 | 45 | 5:18 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |

UT Date 2006-10-27 Observers M CalkinsColl. Focus 1320 Grating/Grism 300

| <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> |
|------------------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|----------------------|
| 0093.BDp174708 | 45 | 5:19 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0094.COMP | 10 | 5:20 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0095-0114.FLAT | 25 | 5:32 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0115.2006QL39_RED | 1800 | 5:41 | 1:00:55.1 | -05:27:03 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0116.COMP | 10 | 6:12 | 1:00:55.1 | -05:27:03 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0117.HD19445 | 5 | 6:13 | 03:08:26.2 | 26:20:28 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0118.HD19445 | 5 | 6:14 | 03:08:26.2 | 26:20:28 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0119.HD19445 | 5 | 6:14 | 03:08:26.2 | 26:20:28 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0120.HD19445 | 5 | 6:14 | 03:08:26.2 | 26:20:28 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0121.HD19445 | 5 | 6:14 | 03:08:26.2 | 26:20:28 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0122.COMP | 10 | 6:15 | 03:08:26.2 | 26:20:28 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0123.2001CP44_RED | 1800 | 6:21 | 3:26:44.3 | -04:13:12 | 300 | 0 | 3.0 | #56 Spectropho | 2 | |
| 0124.COMP | 10 | 6:51 | 3:26:44.3 | -04:13:12 | 300 | 0 | 3.0 | #56 Spectropho | 2 | |
| 0125.COMP | 12 | 6:55 | 3:26:44.3 | -04:13:12 | 300 | 90 | 3.0 | #56 Spectropho | 2 | test, tilt=600 |
| 0126.2006QL39_STANDARD | 1500 | 7:06 | 1:00:53.6 | -05:27:32 | 300 | 110 | 3.0 | #56 Spectropho | 2 | seeing much improved |
| 0127.COMP | 12 | 7:32 | 1:00:53.6 | -05:27:32 | 300 | 110 | 3.0 | #56 Spectropho | 2 | |
| 0128.2001CP44_STANDARD | 1500 | 7:45 | 3:26:40.6 | -4:13:14 | 300 | 0 | 3.0 | #56 Spectropho | 2 | row=72 |
| 0129.COMP | 12 | 8:10 | 3:26:40.6 | -4:13:14 | 300 | 0 | 3.0 | #56 Spectropho | 2 | |
| 0130.G191B2B | 120 | 8:15 | 05:05:30.5 | 52:49:56 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0131.COMP | 12 | 8:17 | 05:05:30.5 | 52:49:56 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |

UT Date 2006-10-27 Observers M CalkinsColl. Focus 1320 Grating/Grism 300

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|------------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|--------------------------|
| 0132.HD19445 | 5 | 8:19 | 03:08:26.2 | 26:20:28 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0133.HD19445 | 5 | 8:19 | 03:08:26.2 | 26:20:28 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0134.HD19445 | 5 | 8:19 | 03:08:26.2 | 26:20:28 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0135.COMP | 12 | 8:21 | 03:08:26.2 | 26:20:28 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0136.S038.0277M07.5089 | 240 | 8:25 | 02:32:06.6 | -07:30:32 | 300 | 90 | 3.0 | #129 CHAMP Sou | 2 | |
| 0137.COMP | 12 | 8:29 | 02:32:06.6 | -07:30:32 | 300 | 90 | 3.0 | #129 CHAMP Sou | 2 | |
| 0138.S040.3869P00.3480 | 420 | 8:31 | 02:41:32.8 | +00:20:53 | 300 | 90 | 3.0 | #129 CHAMP Sou | 2 | |
| 0139.COMP | 12 | 8:38 | 02:41:32.8 | +00:20:53 | 300 | 90 | 3.0 | #129 CHAMP Sou | 2 | |
| 0140.S044.9654P00.7719 | 720 | 8:40 | 02:59:51.7 | +00:46:19 | 300 | 90 | 3.0 | #129 CHAMP Sou | 2 | |
| 0141.COMP | 12 | 8:53 | 02:59:51.7 | +00:46:19 | 300 | 90 | 3.0 | #129 CHAMP Sou | 2 | |
| 0142.sn2006kf | 1500 | 8:58 | 03:41:50.4 | 08:09:25 | 300 | 0 | 3.0 | #2 SN Observat | 2 | |
| 0143.COMP | 12 | 9:24 | 03:41:50.4 | 08:09:25 | 300 | 0 | 3.0 | #2 SN Observat | 2 | |
| 0144.fmfa112 | 1800 | 9:29 | 02:27:39.3 | 28:02:24 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0145.COMP | 12 | 10:00 | 02:27:39.3 | 28:02:24 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0146.fmfa113 | 480 | 10:01 | 02:27:40.7 | 28:04:42 | 300 | 90 | 3.0 | #171 Local Uni | 2 | seeing getting bad again |
| 0147.COMP | 12 | 10:09 | 02:27:40.7 | 28:04:42 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0148.fmfa114 | 1500 | 10:11 | 02:27:49.7 | 28:14:00 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0149.COMP | 12 | 10:37 | 02:27:49.7 | 28:14:00 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0150.sn2006ke | 1800 | 10:46 | 05:52:37.3 | 66:49:00 | 300 | 0 | 3.0 | #2 SN Observat | 2 | |
| 0151.COMP | 12 | 11:17 | 05:52:37.3 | 66:49:00 | 300 | 0 | 3.0 | #2 SN Observat | 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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0152.fmfa265 | 1220 | 11:23 | 04:14:00.0 | 3:10:08 | 300 | 0 | 3.0 | #171 Local Uni | 2 | |
| 0153.COMP | 12 | 11:44 | 04:14:00.0 | 3:10:08 | 300 | 0 | 3.0 | #171 Local Uni | 2 | |
| 0154.fmfa266 | 1200 | 11:46 | 04:14:06.2 | 3:16:24 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0155.COMP | 12 | 12:07 | 04:14:06.2 | 3:16:24 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0156.sn2006le | 1500 | 12:11 | 05:00:41.9 | 62:15:19 | 300 | -40 | 3.0 | #2 SN Observat | 2 | |
| 0157.COMP | 12 | 12:37 | 05:00:41.9 | 62:15:19 | 300 | -40 | 3.0 | #2 SN Observat | 2 | |
| 0158.sn2006jc | 600 | 12:40 | 09:17:20.7 | +41:54:32 | 300 | 70 | 3.0 | #2 SN Observat | 2 | |
| 0159.COMP | 12 | 12:51 | 09:17:20.7 | +41:54:32 | 300 | 70 | 3.0 | #2 SN Observat | 2 | |
| 0160-0169.BIAS | 0 | 12:56 | 09:17:20.7 | +41:54:32 | 300 | 70 | 3.0 | #171 Local Uni | 4 | |
| 0170-0179.FLAT | 12 | 12:59 | 09:17:20.7 | +41:54:32 | 300 | 70 | 3.0 | #171 Local Uni | 4 | |
| 0180-0189.BIAS | 0 | 13:02 | 09:17:20.7 | +41:54:32 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0190-0209.FLAT | 24 | 13:20 | 09:17:20.7 | +41:54:32 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0210-0219.DARK | 900 | 15:39 | 09:17:20.7 | +41:54:32 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |

UT Date 2006-10-28 Observers Blondin, CalkinsColl. Focus 1320 Grating/Grism 300

| <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> |
|------------------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0001-0009.DARK | 900 | 1:03 | 09:17:20.7 | +41:54:32 | 300 | 90 | 3.0 | #171 Local Uni | 4 | |
| 0010-0019.BIAS | 0 | 1:19 | 09:17:20.7 | +41:54:32 | 300 | 90 | 3.0 | #171 Local Uni | 4 | |
| 0020-0029.FLAT | 12 | 1:28 | 09:17:20.7 | +41:54:32 | 300 | 90 | 3.0 | #171 Local Uni | 4 | |
| 0030-0039.BIAS | 0 | 1:30 | 09:17:20.7 | +41:54:32 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0040-0059.FLAT | 24 | 1:42 | 09:17:20.7 | +41:54:32 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0060.RS0ph | 12 | 1:59 | 17:50:13 | -06:42:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | seeing bad |
| 0061.RS0ph | 70 | 2:00 | 17:50:13 | -06:42:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0062.RS0ph | 180 | 2:01 | 17:50:13 | -06:42:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0063.COMP | 12 | 2:05 | 17:50:13 | -06:42:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0064.V827Her | 1800 | 2:11 | 18:43:42.6 | 15:19:19 | 300 | 90 | 3.0 | #149 Black Hol | 2 | row=68 |
| 0065.COMP | 12 | 2:42 | 18:43:42.6 | 15:19:19 | 300 | 90 | 3.0 | #149 Black Hol | 2 | |
| 0066.2006HR30_STANDARD | 900 | 2:53 | 20:38:24.4 | 31:14:02 | 300 | 0 | 3.0 | #173 Small Sol | 2 | |
| 0067.COMP | 12 | 3:08 | 20:38:24.4 | 31:14:02 | 300 | 0 | 3.0 | #173 Small Sol | 2 | |
| 0068.BDp284211 | 90 | 3:11 | 21:51:11.1 | 28:51:53 | 300 | 54 | 3.0 | #56 Spectropho | 4 | |
| 0069.COMP | 5 | 3:13 | 21:51:11.1 | 28:51:53 | 300 | 54 | 3.0 | #56 Spectropho | 4 | |
| 0070.BDp284211 | 90 | 3:13 | 21:51:11.1 | 28:51:53 | 300 | 54 | 3.0 | #56 Spectropho | 2 | |
| 0071.COMP | 12 | 3:16 | 21:51:11.1 | 28:51:53 | 300 | 54 | 3.0 | #56 Spectropho | 2 | |
| 0072.BDp174708 | 45 | 3:18 | 22:11:31.4 | 18:05:33 | 300 | 6 | 3.0 | #56 Spectropho | 4 | |
| 0073.COMP | 5 | 3:19 | 22:11:31.4 | 18:05:33 | 300 | 6 | 3.0 | #56 Spectropho | 4 | |
| 0074.BDp174708 | 45 | 3:19 | 22:11:31.4 | 18:05:33 | 300 | 6 | 3.0 | #56 Spectropho | 2 | |

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| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|------------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|------------------|
| 0075.COMP | 12 | 3:21 | 22:11:31.4 | 18:05:33 | 300 | 6 | 3.0 | #56 Spectropho | 2 | |
| 0076.sn2006gr | 1800 | 3:30 | 22:32:22.6 | +30:49:43 | 300 | -40 | 3.0 | #2 SN Observat | 2 | seeing=4arcsec |
| 0077.COMP | 12 | 4:01 | 22:32:22.6 | +30:49:43 | 300 | -40 | 3.0 | #2 SN Observat | 2 | |
| 0078.2001CB21_STANDARD | 1200 | 4:12 | 22:45:43.1 | 22:38:07 | 300 | 20 | 3.0 | #173 Small Sol | 2 | row=79 |
| 0079.COMP | 12 | 4:32 | 22:45:43.1 | 22:38:07 | 300 | 20 | 3.0 | #173 Small Sol | 2 | |
| 0080.2005TF49_STANDARD | 1500 | 4:51 | 21:30:48.9 | 17:40:23 | 300 | 60 | 3.0 | #173 Small Sol | 2 | |
| 0081.COMP | 12 | 5:17 | 21:30:48.9 | 17:40:23 | 300 | 60 | 3.0 | #173 Small Sol | 2 | |
| 0082.21460057+4620283 | 720 | 5:29 | 21:46:00.5 | +46:20:28 | 300 | 110 | 3.0 | #141 Mapping t | 2 | row=77 |
| 0083.COMP | 12 | 5:42 | 21:46:00.5 | +46:20:28 | 300 | 110 | 3.0 | #141 Mapping t | 2 | |
| 0084.21520545+4624392 | 720 | 5:58 | 21:52:05.4 | +46:24:39 | 300 | 90 | 3.0 | #141 Mapping t | 2 | |
| 0085.COMP | 12 | 6:11 | 21:52:05.4 | +46:24:39 | 300 | 90 | 3.0 | #141 Mapping t | 2 | |
| 0086.23504803+5201289 | 1200 | 6:27 | 23:50:48.0 | +52:01:28 | 300 | 70 | 3.0 | #141 Mapping t | 2 | |
| 0087.COMP | 12 | 6:48 | 23:50:48.0 | +52:01:28 | 300 | 70 | 3.0 | #141 Mapping t | 2 | |
| 0088.23515200+5429555 | 1800 | 6:58 | 23:51:52.0 | +54:29:55 | 300 | 60 | 3.0 | #141 Mapping t | 2 | |
| 0089.COMP | 12 | 7:29 | 23:51:52.0 | +54:29:55 | 300 | 60 | 3.0 | #141 Mapping t | 2 | |
| 0090.02264989+6939003 | 1800 | 8:06 | 02:26:49.8 | +69:39:00 | 300 | 50 | 3.0 | #141 Mapping t | 2 | get again? |
| 0091.COMP | 12 | 8:37 | 02:26:49.8 | +69:39:00 | 300 | 50 | 3.0 | #141 Mapping t | 2 | |
| 0092.COMP | 12 | 9:02 | 03:54:56.2 | +45:44:00 | 300 | 90 | 3.0 | #141 Mapping t | 2 | seeing=5+arcsecs |
| 0093.03545620+4544008 | 1800 | 9:03 | 03:54:56.2 | +45:44:00 | 300 | 90 | 3.0 | #141 Mapping t | 2 | |
| 0094.03545620+4544008 | 1800 | 9:33 | 03:54:56.2 | +45:44:00 | 300 | 90 | 3.0 | #141 Mapping t | 2 | |

UT Date 2006-10-28 Observers Blondin, CalkinsColl. Focus 1320 Grating/Grism 300

| <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> |
|-----------------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0095.COMP | 12 | 10:04 | 03:54:56.2 | +45:44:00 | 300 | 90 | 3.0 | #141 Mapping t | 2 | |
| 0096.03555996+4615434 | 1800 | 10:09 | 03:55:59.9 | +46:15:43 | 300 | 105 | 3.0 | #141 Mapping t | 2 | row=75 |
| 0097.COMP | 12 | 10:40 | 03:55:59.9 | +46:15:43 | 300 | 105 | 3.0 | #141 Mapping t | 2 | |
| 0098.04110588+4427414 | 1500 | 10:44 | 04:11:05.8 | +44:27:41 | 300 | 90 | 3.0 | #141 Mapping t | 2 | row=75 |
| 0099.COMP | 12 | 11:10 | 04:11:05.8 | +44:27:41 | 300 | 90 | 3.0 | #141 Mapping t | 2 | |
| 0100.04193275+3615431 | 1800 | 11:14 | 04:19:32.7 | +36:15:43 | 300 | 90 | 3.0 | #141 Mapping t | 2 | |
| 0101.COMP | 12 | 11:45 | 04:19:32.7 | +36:15:43 | 300 | 90 | 3.0 | #141 Mapping t | 2 | |
| 0102.sn20061f | 1800 | 11:56 | 04:38:29.4 | 44:02:01 | 300 | 103 | 3.0 | #2 SN Observat | 2 | |
| 0103.COMP | 12 | 12:27 | 04:38:29.4 | 44:02:01 | 300 | 103 | 3.0 | #2 SN Observat | 2 | |
| 0104.NGC1700 | 180 | 12:37 | 04:56:58.1 | -04:52:23 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0105.COMP | 12 | 12:41 | 04:56:58.1 | -04:52:23 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0106-0115.BIAS | 0 | 12:58 | 04:56:58.1 | -04:52:23 | 300 | 90 | 3.0 | #173 Small Sol | 2 | |
| 0116-0135.FLAT | 25 | 13:11 | 04:56:58.1 | -04:52:23 | 300 | 90 | 3.0 | #173 Small Sol | 2 | |
| 0136-0143.DARK | 900 | 15:00 | 04:56:58.1 | -04:52:23 | 300 | 90 | 3.0 | #173 Small Sol | 2 | |

UT Date 2006-10-29 Observers Blondin, CalkinsColl. Focus 1320 Grating/Grism 300

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------------------------|
| 0001-0010.DARK | 900 | 0:50 | 04:56:58.1 | -04:52:23 | 300 | 90 | 3.0 | #173 Small Sol | 4 | |
| 0011-0020.BIAS | 0 | 1:17 | 20:13:04.5 | +31:28:29 | 300 | 90 | 3.0 | #173 Small Sol | 4 | |
| 0021-0030.FLAT | 12 | 1:22 | 20:13:04.5 | +31:28:29 | 300 | 90 | 3.0 | #173 Small Sol | 4 | |
| 0031-0040.BIAS | 0 | 1:24 | 20:13:04.5 | +31:28:29 | 300 | 90 | 3.0 | #173 Small Sol | 2 | |
| 0041-0060.FLAT | 25 | 1:37 | 20:13:04.5 | +31:28:29 | 300 | 90 | 3.0 | #173 Small Sol | 2 | |
| 0061.BDp284211 | 90 | 1:58 | 21:51:11.1 | 28:51:53 | 300 | 108 | 3.0 | #56 Spectropho | 2 | |
| 0062.COMP | 12 | 2:00 | 21:51:11.1 | 28:51:53 | 300 | 108 | 3.0 | #56 Spectropho | 2 | |
| 0063.fmfa447 | 1200 | 2:05 | 17:00:45.1 | 27:49:39 | 300 | 108 | 3.0 | #171 Local Uni | 2 | new exposure (per Nathalie |
| 0064.COMP | 12 | 2:25 | 17:00:45.1 | 27:49:39 | 300 | 108 | 3.0 | #171 Local Uni | 2 | |
| 0065.RSOph | 10 | 2:29 | 17:50:13 | -06:42:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0066.RSOph | 60 | 2:30 | 17:50:13 | -06:42:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0067.RSOph | 150 | 2:31 | 17:50:13 | -06:42:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0068.COMP | 12 | 2:34 | 17:50:13 | -06:42:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0069.V827Her | 1200 | 2:40 | 18:43:42.6 | 15:19:19 | 300 | 90 | 3.0 | #149 Black Hol | 2 | row=78 |
| 0070.COMP | 12 | 3:00 | 18:43:42.6 | 15:19:19 | 300 | 90 | 3.0 | #149 Black Hol | 2 | |
| 0071.V476Cyg | 1200 | 3:06 | 19:58:24.5 | +53:37:06 | 300 | 90 | 3.0 | #149 Black Hol | 2 | |
| 0072.COMP | 12 | 3:27 | 19:58:24.5 | +53:37:06 | 300 | 90 | 3.0 | #149 Black Hol | 2 | |
| 0073.BDp174708 | 45 | 3:33 | 22:11:31.4 | 18:05:33 | 300 | 21 | 3.0 | #56 Spectropho | 2 | |
| 0074.BDp174708 | 45 | 3:34 | 22:11:31.4 | 18:05:33 | 300 | 21 | 3.0 | #56 Spectropho | 2 | |
| 0075.COMP | 12 | 3:36 | 22:11:31.4 | 18:05:33 | 300 | 21 | 3.0 | #56 Spectropho | 2 | |

UT Date 2006-10-29 Observers Blondin, CalkinsColl. Focus 1320 Grating/Grism 300

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|---------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|--|
| 0076.N7331 | 180 | 3:44 | 22:34:46.9 | +34:09:43 | 300 | -10 | 3.0 | #57 Velocity S | 2 | |
| 0077.COMP | 12 | 3:47 | 22:34:46.9 | +34:09:43 | 300 | -10 | 3.0 | #57 Velocity S | 2 | |
| 0078.fmfa013 | 600 | 3:53 | 00:01:06.0 | 8:07:06 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0079.COMP | 12 | 4:04 | 00:01:06.0 | 8:07:06 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0080.sn20061c | 1800 | 4:12 | 22:44:24.4 | -00:09:53 | 300 | 12 | 3.0 | #2 SN Observat | 2 | no guide star in field; guide with host galaxy; SN at row=77 |
| 0081.COMP | 12 | 4:43 | 22:44:24.4 | -00:09:53 | 300 | 12 | 3.0 | #2 SN Observat | 2 | |
| 0082.sn2006gr | 1800 | 5:06 | 22:32:22.6 | +30:49:43 | 300 | 81 | 3.0 | #2 SN Observat | 2 | |
| 0083.COMP | 12 | 5:37 | 22:32:22.6 | +30:49:43 | 300 | 81 | 3.0 | #2 SN Observat | 2 | |
| 0084.fmfa014 | 600 | 5:41 | 00:01:21.2 | 8:09:26 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0085.COMP | 12 | 5:52 | 00:01:21.2 | 8:09:26 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0086.fmfa016 | 600 | 5:54 | 00:01:53.1 | 7:53:52 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0087.COMP | 12 | 6:05 | 00:01:53.1 | 7:53:52 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0088.fmfa017 | 500 | 6:08 | 00:02:16.8 | 8:44:01 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0089.COMP | 12 | 6:17 | 00:02:16.8 | 8:44:01 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0090.fmfa074 | 400 | 6:19 | 01:24:12.0 | 32:35:37 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0091.COMP | 12 | 6:27 | 01:24:12.0 | 32:35:37 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0092.fmfa075 | 400 | 6:32 | 01:24:17.7 | 34:33:09 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0093.COMP | 12 | 6:40 | 01:24:17.7 | 34:33:09 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0094.fmfa076 | 600 | 6:42 | 01:25:24.8 | 31:36:45 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0095.COMP | 12 | 6:52 | 01:25:24.8 | 31:36:45 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |

UT Date 2006-10-29 Observers Blondin, CalkinsColl. Focus 1320 Grating/Grism 300

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|---------------|----------|----------|------------|----------|-----|------|------|----------------|-----|--|
| 0096.fmfa077 | 400 | 6:55 | 01:25:31.1 | 33:36:55 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0097.COMP | 12 | 7:03 | 01:25:31.1 | 33:36:55 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0098.fmfa078 | 300 | 7:04 | 01:25:33.2 | 33:56:59 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0099.COMP | 12 | 7:10 | 01:25:33.2 | 33:56:59 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0100.hxPer80 | 60 | 7:15 | 2:19:43.7 | 56:49:34 | 300 | 105 | 3.0 | #170 h & chi P | 2 | not enough counts; next exposure is better |
| 0101.hxPer80 | 120 | 7:17 | 2:19:43.7 | 56:49:34 | 300 | 105 | 3.0 | #170 h & chi P | 2 | |
| 0102.COMP | 12 | 7:20 | 2:19:43.7 | 56:49:34 | 300 | 105 | 3.0 | #170 h & chi P | 2 | |
| 0103.hxPer81 | 200 | 7:27 | 2:17:41.4 | 56:52:13 | 300 | 80 | 3.0 | #170 h & chi P | 2 | |
| 0104.COMP | 12 | 7:32 | 2:17:41.4 | 56:52:13 | 300 | 80 | 3.0 | #170 h & chi P | 2 | |
| 0105.hxPer17 | 300 | 7:35 | 2:20:52.1 | 56:44:47 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0106.COMP | 12 | 7:41 | 2:20:52.1 | 56:44:47 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0107.hxPer171 | 200 | 7:45 | 2:21:26.0 | 57:18:23 | 300 | 75 | 3.0 | #170 h & chi P | 2 | |
| 0108.COMP | 12 | 7:49 | 2:21:26.0 | 57:18:23 | 300 | 75 | 3.0 | #170 h & chi P | 2 | |
| 0109.hxPer172 | 300 | 7:53 | 2:21:28.9 | 57:31:44 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0110.COMP | 12 | 7:58 | 2:21:28.9 | 57:31:44 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0111.hxPer173 | 500 | 8:01 | 2:20:35.5 | 56:52:24 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0112.COMP | 12 | 8:10 | 2:20:35.5 | 56:52:24 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0113.hxPer174 | 300 | 8:13 | 2:23:31.0 | 56:50:19 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0114.COMP | 12 | 8:19 | 2:23:31.0 | 56:50:19 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0115.hxPer175 | 300 | 8:21 | 2:21:32.1 | 56:50:51 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |

UT Date 2006-10-29 Observers Blondin, CalkinsColl. Focus 1320 Grating/Grism 300

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|---|
| 0116.COMP | 12 | 8:29 | 2:21:32.1 | 56:50:51 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0117.hxPer176 | 300 | 8:32 | 2:18:32.6 | 56:55:55 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0118.COMP | 12 | 8:38 | 2:18:32.6 | 56:55:55 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0119.hxPer177 | 300 | 8:41 | 2:18:34.9 | 56:49:28 | 300 | 90 | 3.0 | #170 h & chi P | 2 | not enough counts; clouds passing overhead |
| 0120.hxPer177 | 900 | 8:46 | 2:18:34.9 | 56:49:28 | 300 | 90 | 3.0 | #170 h & chi P | 2 | clouds made guiding difficult; only slightly more counts despit |
| 0121.COMP | 12 | 9:04 | 2:18:34.9 | 56:49:28 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0122.sn2006lf | 1800 | 9:15 | 04:38:29.4 | 44:02:01 | 300 | 21 | 3.0 | #2 SN Observat | 2 | clouds in and out but spectrum OK |
| 0123.COMP | 12 | 9:47 | 04:38:29.4 | 44:02:01 | 300 | 21 | 3.0 | #2 SN Observat | 2 | |
| 0124.IPHAS_B246 | 600 | 10:04 | 5:25:22.4 | 31:43:43 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0125.COMP | 12 | 10:15 | 5:25:22.4 | 31:43:43 | 300 | 90 | 3.0 | #157 IPHAS | 2 | clouds again, this time more severe |
| 0126.IPHAS_B264 | 1200 | 11:03 | 5:28:13.8 | 28:6:50 | 300 | 90 | 3.0 | #157 IPHAS | 2 | clouds cleared; good seeing |
| 0127.COMP | 12 | 11:24 | 5:28:13.8 | 28:6:50 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0128.sn2006jc | 1200 | 11:28 | 09:17:20.7 | +41:54:32 | 300 | 86 | 3.0 | #2 SN Observat | 2 | |
| 0129.COMP | 12 | 11:49 | 09:17:20.7 | +41:54:32 | 300 | 86 | 3.0 | #2 SN Observat | 2 | |
| 0130.IPHAS_B211 | 600 | 11:52 | 5:28:20.6 | 26:30:38 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0131.COMP | 12 | 12:03 | 5:28:20.6 | 26:30:38 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0132.IPHAS_B239 | 600 | 12:10 | 5:25:41.1 | 30:37:53 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0133.COMP | 12 | 12:20 | 5:25:41.1 | 30:37:53 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0134.IPHAS_B217 | 600 | 12:23 | 5:27:38.1 | 32:12:33 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0135.COMP | 12 | 12:34 | 5:27:38.1 | 32:12:33 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |

UT Date 2006-10-29 Observers Blondin, CalkinsColl. Focus 1320 Grating/Grism 300

| <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> |
|-----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|---------------------------------------|
| 0136.Hiltner600 | 90 | 12:41 | 06:45:13.4 | 02:08:14 | 300 | 24 | 3.0 | #56 Spectropho | 2 | Ok, but next exposure has more counts |
| 0137.Hiltner600 | 120 | 12:44 | 06:45:13.4 | 02:08:14 | 300 | 24 | 3.0 | #56 Spectropho | 2 | |
| 0138.COMP | 12 | 12:46 | 06:45:13.4 | 02:08:14 | 300 | 24 | 3.0 | #56 Spectropho | 2 | |
| 0139-0148.BIAS | 0 | 12:59 | 06:45:13.4 | 02:08:14 | 300 | 90 | 3.0 | #149 Black Hol | 2 | |
| 0149.FLAT | 25 | 13:00 | 06:45:13.4 | 02:08:14 | 300 | 90 | 3.0 | #149 Black Hol | 2 | 20 bin by 2 FLATs |
| 0150-0168.FLAT | 25 | 13:11 | 06:45:13.4 | 02:08:14 | 300 | 90 | 3.0 | #149 Black Hol | 2 | |
| 0169-0176.DARK | 900 | 15:00 | 06:45:13.4 | 02:08:14 | 300 | 90 | 3.0 | #149 Black Hol | 2 | |

UT Date 2006-10-30 Observers BlondinColl. Focus 1320 Grating/Grism 300

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|----------|-----|------|------|----------------|-----|---|
| 0001.DARK | 900 | 22:38 | 06:45:13.4 | 02:08:14 | 300 | 90 | 3.0 | #149 Black Hol | 4 | clouds all over; late afternoon rain |
| 0002-0005.DARK | 900 | 23:39 | 06:45:13.4 | 02:08:14 | 300 | 90 | 3.0 | #149 Black Hol | 4 | |
| 0006-0010.DARK | 900 | 0:55 | 06:45:13.4 | 02:08:14 | 300 | 90 | 3.0 | #149 Black Hol | 2 | |
| 0011.BIAS | 0 | 1:21 | 06:45:13.4 | 02:08:14 | 300 | 90 | 3.0 | #149 Black Hol | 4 | 10 binby4 BIAS |
| 0012-0020.BIAS | 0 | 1:22 | 06:45:13.4 | 02:08:14 | 300 | 90 | 3.0 | #149 Black Hol | 4 | |
| 0021.FLAT | 12 | 1:23 | 06:45:13.4 | 02:08:14 | 300 | 90 | 3.0 | #149 Black Hol | 4 | 10 binby4 FLAT |
| 0022-0030.FLAT | 12 | 1:26 | 06:45:13.4 | 02:08:14 | 300 | 90 | 3.0 | #149 Black Hol | 4 | |
| 0031.BIAS | 0 | 1:26 | 06:45:13.4 | 02:08:14 | 300 | 90 | 3.0 | #149 Black Hol | 2 | 10 binby2 BIAS |
| 0032-0040.BIAS | 0 | 1:28 | 06:45:13.4 | 02:08:14 | 300 | 90 | 3.0 | #149 Black Hol | 2 | |
| 0041.FLAT | 25 | 1:28 | 06:45:13.4 | 02:08:14 | 300 | 90 | 3.0 | #149 Black Hol | 2 | 20 binby2 FLAT |
| 0042-0060.FLAT | 25 | 1:42 | 06:45:13.4 | 02:08:14 | 300 | 90 | 3.0 | #149 Black Hol | 2 | |
| 0061.sn2006lg | 1800 | 8:44 | 02:46:57.6 | 39:00:40 | 300 | -63 | 3.0 | #2 SN Observat | 2 | frequent thin clouds perturbed guiding; SN at row=73 on top of |
| 0062.COMP | 12 | 9:15 | 02:46:57.6 | 39:00:40 | 300 | -63 | 3.0 | #2 SN Observat | 2 | |
| 0063.sn2006lf | 1800 | 9:27 | 04:38:29.4 | 44:02:01 | 300 | 20 | 3.0 | #2 SN Observat | 2 | SN at row=75 |
| 0064.COMP | 12 | 10:00 | 04:38:29.4 | 44:02:01 | 300 | 20 | 3.0 | #2 SN Observat | 2 | |
| 0065.sn2006le | 1800 | 10:06 | 05:00:41.9 | 62:15:19 | 300 | -5 | 3.0 | #2 SN Observat | 2 | SN at row=75 |
| 0066.COMP | 12 | 10:38 | 05:00:41.9 | 62:15:19 | 300 | -5 | 3.0 | #2 SN Observat | 2 | |
| 0067.G191B2B | 120 | 10:45 | 05:05:30.5 | 52:49:56 | 300 | 90 | 3.0 | #56 Spectropho | 2 | Not at parallactic angle |
| 0068.G191B2B | 120 | 10:51 | 05:05:30.5 | 52:49:56 | 300 | -29 | 3.0 | #56 Spectropho | 2 | At par. angle; but need more counts |
| 0069.G191B2B | 240 | 10:54 | 05:05:30.5 | 52:49:56 | 300 | -29 | 3.0 | #56 Spectropho | 2 | OK this time |

UT Date 2006-10-30 Observers BlondinColl. Focus 1320 Grating/Grism 300

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-----------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0070.COMP | 12 | 10:59 | 05:05:30.5 | 52:49:56 | 300 | -29 | 3.0 | #56 Spectropho | 2 | |
| 0071.06031313+1127085 | 600 | 11:12 | 06:03:13.1 | +11:27:08 | 300 | 90 | 3.0 | #141 Mapping t | 2 | row=75 |
| 0072.COMP | 12 | 11:23 | 06:03:13.1 | +11:27:08 | 300 | 90 | 3.0 | #141 Mapping t | 2 | |
| 0073.06061492+0952410 | 900 | 11:26 | 06:06:14.9 | +09:52:41 | 300 | 90 | 3.0 | #141 Mapping t | 2 | row=75 |
| 0074.COMP | 12 | 11:42 | 06:06:14.9 | +09:52:41 | 300 | 90 | 3.0 | #141 Mapping t | 2 | |
| 0075.Hiltner600 | 90 | 11:47 | 06:45:13.4 | 02:08:14 | 300 | 4 | 3.0 | #56 Spectropho | 2 | |
| 0076.COMP | 12 | 11:50 | 06:45:13.4 | 02:08:14 | 300 | 4 | 3.0 | #56 Spectropho | 2 | |
| 0077.NGC1700 | 120 | 11:54 | 04:56:58.1 | -04:52:23 | 300 | 95 | 3.0 | #57 Velocity S | 2 | |
| 0078.COMP | 12 | 11:57 | 04:56:58.1 | -04:52:23 | 300 | 95 | 3.0 | #57 Velocity S | 2 | |
| 0079.06075792+3916013 | 600 | 12:00 | 06:07:57.9 | +39:16:01 | 300 | 90 | 3.0 | #141 Mapping t | 2 | |
| 0080.COMP | 12 | 12:11 | 06:07:57.9 | +39:16:01 | 300 | 90 | 3.0 | #141 Mapping t | 2 | |
| 0081.06222736+3029105 | 600 | 12:14 | 06:22:27.3 | +30:29:10 | 300 | 90 | 3.0 | #141 Mapping t | 2 | |
| 0082.COMP | 12 | 12:25 | 06:22:27.3 | +30:29:10 | 300 | 90 | 3.0 | #141 Mapping t | 2 | |
| 0083.fmfa338 | 600 | 12:28 | 07:40:20.4 | 54:53:03 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0084.COMP | 12 | 12:39 | 07:40:20.4 | 54:53:03 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0085.BIAS | 0 | 12:45 | 07:40:20.4 | 54:53:03 | 300 | 90 | 3.0 | #2 SN Observat | 4 | bin by 4 |
| 0086-0094.BIAS | 0 | 12:46 | 07:40:20.4 | 54:53:03 | 300 | 90 | 3.0 | #2 SN Observat | 4 | |
| 0095.FLAT | 12 | 12:46 | 07:40:20.4 | 54:53:03 | 300 | 90 | 3.0 | #2 SN Observat | 4 | bin by 4 |
| 0096-0104.FLAT | 12 | 12:50 | 07:40:20.4 | 54:53:03 | 300 | 90 | 3.0 | #2 SN Observat | 4 | |
| 0105.BIAS | 0 | 12:50 | 07:40:20.4 | 54:53:03 | 300 | 90 | 3.0 | #2 SN Observat | 2 | bin by 2 |

UT Date 2006-10-30 Observers BlondinColl. Focus 1320 Grating/Grism 300

| <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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0106-0114.BIAS | 0 | 12:51 | 07:40:20.4 | 54:53:03 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0115.FLAT | 25 | 12:52 | 07:40:20.4 | 54:53:03 | 300 | 90 | 3.0 | #2 SN Observat | 2 | bin by 2 |
| 0116-0135.FLAT | 25 | 13:06 | 07:40:20.4 | 54:53:03 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0136-0140.DARK | 900 | 14:09 | 07:40:20.4 | 54:53:03 | 300 | 90 | 3.0 | #2 SN Observat | 4 | |
| 0141-0145.DARK | 900 | 15:25 | 07:40:20.4 | 54:53:03 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |

UT Date 2006-10-31 Observers BlondinColl. Focus 1320 Grating/Grism 300

| <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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|--|
| 0001-0005.DARK | 900 | 23:29 | 07:40:20.4 | 54:53:03 | 300 | 90 | 3.0 | #2 SN Observat | 4 | |
| 0006-0010.DARK | 900 | 0:46 | 07:40:20.4 | 54:53:03 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0011.BIAS | 0 | 1:03 | 07:40:20.4 | 54:53:03 | 300 | 90 | 3.0 | #2 SN Observat | 4 | binby4 |
| 0012-0020.BIAS | 0 | 1:04 | 07:40:20.4 | 54:53:03 | 300 | 90 | 3.0 | #2 SN Observat | 4 | |
| 0021.FLAT | 12 | 1:04 | 07:40:20.4 | 54:53:03 | 300 | 90 | 3.0 | #2 SN Observat | 4 | binby4 |
| 0022-0030.FLAT | 12 | 1:07 | 07:40:20.4 | 54:53:03 | 300 | 90 | 3.0 | #2 SN Observat | 4 | |
| 0031.BIAS | 0 | 1:08 | 07:40:20.4 | 54:53:03 | 300 | 90 | 3.0 | #2 SN Observat | 2 | binby2 |
| 0032-0040.BIAS | 0 | 1:09 | 07:40:20.4 | 54:53:03 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0041.FLAT | 25 | 1:09 | 07:40:20.4 | 54:53:03 | 300 | 90 | 3.0 | #2 SN Observat | 2 | binby2 |
| 0042-0061.FLAT | 25 | 1:22 | 07:40:20.4 | 54:53:03 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0062.RSOph | 10 | 1:34 | 17:50:13 | -06:42:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | clear; seeing 2-3 arcsec |
| 0063.RSOph | 60 | 1:35 | 17:50:13 | -06:42:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0064.RSOph | 150 | 1:36 | 17:50:13 | -06:42:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0065.COMP | 12 | 1:39 | 17:50:13 | -06:42:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0066.BFCyg | 1 | 1:43 | 19:23:53 | 29:40:27 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0067.BFCyg | 60 | 1:44 | 19:23:53 | 29:40:27 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0068.COMP | 12 | 1:45 | 19:23:53 | 29:40:27 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0069.CHCyg | 1 | 1:48 | 19:24:33 | 50:14:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | double-peaked spatial profile; redo (cf. 0071) |
| 0070.CHCyg | 5 | 1:48 | 19:24:33 | 50:14:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | double-peaked spatial profile; redo (cf. 0072) |
| 0071.CHCyg | 1 | 1:50 | 19:24:33 | 50:14:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | Ok |

UT Date 2006-10-31 Observers BlondinColl. Focus 1320 Grating/Grism 300

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|---|
| 0072.CHCyg | 5 | 1:51 | 19:24:33 | 50:14:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | Ok |
| 0073.CHCyg | 30 | 1:51 | 19:24:33 | 50:14:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0074.COMP | 12 | 1:53 | 19:24:33 | 50:14:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0075.CICyg | 2 | 1:55 | 19:50:12 | 35:41:02 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0076.CICyg | 20 | 1:55 | 19:50:12 | 35:41:02 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0077.CICyg | 60 | 1:56 | 19:50:12 | 35:41:02 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0078.COMP | 12 | 1:58 | 19:50:12 | 35:41:02 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0079.BDp284211 | 90 | 2:03 | 21:51:11.1 | 28:51:53 | 300 | 110 | 3.0 | #56 Spectropho | 2 | |
| 0080.COMP | 12 | 2:06 | 21:51:11.1 | 28:51:53 | 300 | 110 | 3.0 | #56 Spectropho | 2 | |
| 0081.BDp174708 | 45 | 2:09 | 22:11:31.4 | 18:05:33 | 300 | 90 | 3.0 | #56 Spectropho | 2 | Not at parallactic angle; next one Ok |
| 0082.BDp174708 | 45 | 2:12 | 22:11:31.4 | 18:05:33 | 300 | -37 | 3.0 | #56 Spectropho | 2 | |
| 0083.COMP | 12 | 2:13 | 22:11:31.4 | 18:05:33 | 300 | -37 | 3.0 | #56 Spectropho | 2 | |
| 0084.N7331 | 120 | 2:20 | 22:34:46.9 | +34:09:43 | 300 | -10 | 3.0 | #57 Velocity S | 2 | |
| 0085.COMP | 12 | 2:23 | 22:34:46.9 | +34:09:43 | 300 | -10 | 3.0 | #57 Velocity S | 2 | |
| 0086.fmf321 | 1200 | 2:57 | 22:34:38.0 | 1:40:00 | 300 | 110 | 3.0 | #171f Local Un | 2 | No guide star in field; manual guiding, but spectrum Ok |
| 0087.COMP | 12 | 3:20 | 22:34:38.0 | 1:40:00 | 300 | 110 | 3.0 | #171f Local Un | 2 | |
| 0088.sn2006lc | 1800 | 3:27 | 22:44:24.4 | -00:09:53 | 300 | -12 | 3.0 | #2 SN Observat | 2 | SN at row=72 |
| 0089.COMP | 12 | 3:58 | 22:44:24.4 | -00:09:53 | 300 | -12 | 3.0 | #2 SN Observat | 2 | |
| 0090.fmf322 | 1200 | 4:11 | 22:34:51.7 | 1:41:02 | 300 | 90 | 3.0 | #171f Local Un | 2 | variable seeing caused guiding problems; 300 peak continuum cou |
| 0091.COMP | 12 | 4:32 | 22:34:51.7 | 1:41:02 | 300 | 90 | 3.0 | #171f Local Un | 2 | |

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| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|---|
| 0092.fmb323 | 900 | 4:37 | 22:34:54.3 | 1:44:25 | 300 | 90 | 3.0 | #171f Local Un | 2 | probably not enough counts |
| 0093.fmb323 | 1500 | 4:53 | 22:34:54.3 | 1:44:25 | 300 | 90 | 3.0 | #171f Local Un | 2 | lots of scattered moonlight; 0092 is better |
| 0094.COMP | 12 | 5:21 | 22:34:54.3 | 1:44:25 | 300 | 90 | 3.0 | #171f Local Un | 2 | |
| 0095.IPHASB_765 | 120 | 5:35 | 02:00:37.8 | +65:21:33 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0096.COMP | 12 | 5:38 | 02:00:37.8 | +65:21:33 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0097.IPHASB_766 | 120 | 5:40 | 02:01:21.7 | +63:01:17 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0098.COMP | 12 | 5:43 | 02:01:21.7 | +63:01:17 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0099.IPHASB_767 | 120 | 5:45 | 02:02:03.1 | +63:02:13 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0100.COMP | 12 | 5:48 | 02:02:03.1 | +63:02:13 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0101.IPHASB_768 | 120 | 5:50 | 02:07:17.2 | +64:50:46 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0102.COMP | 12 | 5:53 | 02:07:17.2 | +64:50:46 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0103.IPHASB_769 | 180 | 5:55 | 02:08:17.7 | +61:42:20 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0104.COMP | 12 | 5:58 | 02:08:17.7 | +61:42:20 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0105.IPHASB_770 | 120 | 6:00 | 02:08:26.9 | +64:22:41 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0106.COMP | 12 | 6:03 | 02:08:26.9 | +64:22:41 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0107.IPHASB_771 | 120 | 6:04 | 02:08:55.2 | +63:15:01 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0108.COMP | 12 | 6:07 | 02:08:55.2 | +63:15:01 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0109.IPHASB_772 | 120 | 6:11 | 02:09:17.8 | +61:30:45 | 300 | 70 | 3.0 | #157 IPHAS | 2 | |
| 0110.COMP | 12 | 6:14 | 02:09:17.8 | +61:30:45 | 300 | 70 | 3.0 | #157 IPHAS | 2 | |
| 0111.IPHASB_773 | 180 | 6:17 | 02:10:00.0 | +64:08:38 | 300 | 65 | 3.0 | #157 IPHAS | 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> |
|-----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0112.COMP | 12 | 6:22 | 02:10:00.0 | +64:08:38 | 300 | 65 | 3.0 | #157 IPHAS | 2 | |
| 0113.IPHASB_774 | 180 | 6:24 | 02:10:11.0 | +65:22:30 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0114.COMP | 12 | 6:30 | 02:10:11.0 | +65:22:30 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0115.IPHASB_775 | 180 | 6:31 | 02:10:36.3 | +61:14:44 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0116.COMP | 12 | 6:35 | 02:10:36.3 | +61:14:44 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0117.fmfa079 | 600 | 6:40 | 01:25:33.8 | 33:15:14 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0118.COMP | 12 | 6:51 | 01:25:33.8 | 33:15:14 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0119.fmfa080 | 900 | 6:56 | 01:25:47.8 | 33:20:43 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0120.COMP | 12 | 7:12 | 01:25:47.8 | 33:20:43 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0121.fmfa081 | 900 | 7:15 | 01:26:12.4 | 31:39:13 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0122.COMP | 12 | 7:31 | 01:26:12.4 | 31:39:13 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0123.fmfa082 | 1500 | 7:36 | 01:27:38.3 | 33:10:14 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0124.COMP | 12 | 8:02 | 01:27:38.3 | 33:10:14 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0125.fmfa115 | 1200 | 8:15 | 02:27:51.9 | 28:14:38 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0126.COMP | 12 | 8:36 | 02:27:51.9 | 28:14:38 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0127.fmfa116 | 600 | 8:37 | 02:27:54.0 | 28:09:35 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0128.COMP | 12 | 8:48 | 02:27:54.0 | 28:09:35 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0129.fmfa117 | 600 | 8:50 | 02:27:56.2 | 28:14:15 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0130.COMP | 12 | 9:00 | 02:27:56.2 | 28:14:15 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0131.fmfa118 | 400 | 9:02 | 02:28:02.3 | 27:40:07 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |

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| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|--|
| 0132.COMP | 12 | 9:10 | 02:28:02.3 | 27:40:07 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0133.fmfa119 | 400 | 9:13 | 02:28:06.0 | 28:09:29 | 300 | 90 | 3.0 | #171 Local Uni | 2 | not enough counts; use next exposure |
| 0134.fmfa119 | 600 | 9:20 | 02:28:06.0 | 28:09:29 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0135.COMP | 12 | 9:34 | 02:28:06.0 | 28:09:29 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0136.sn2006lf | 1800 | 9:45 | 04:38:29.4 | 44:02:01 | 300 | -16 | 3.0 | #2 SN Observat | 2 | |
| 0137.COMP | 12 | 10:16 | 04:38:29.4 | 44:02:01 | 300 | -16 | 3.0 | #2 SN Observat | 2 | |
| 0138.sn2006le | 1500 | 10:28 | 05:00:41.9 | 62:15:19 | 300 | -14 | 3.0 | #2 SN Observat | 2 | SN at row=69 |
| 0139.COMP | 12 | 10:55 | 05:00:41.9 | 62:15:19 | 300 | -14 | 3.0 | #2 SN Observat | 2 | |
| 0140.sn2006ke | 1800 | 11:10 | 05:52:37.3 | 66:49:00 | 300 | -8 | 3.0 | #2 SN Observat | 2 | lots of galaxy contamination; difficult to extract SN |
| 0141.COMP | 12 | 11:41 | 05:52:37.3 | 66:49:00 | 300 | -8 | 3.0 | #2 SN Observat | 2 | |
| 0142.sn2006jc | 1200 | 11:58 | 09:17:20.7 | +41:54:32 | 300 | 78 | 3.0 | #2 SN Observat | 2 | |
| 0143.COMP | 12 | 12:19 | 09:17:20.7 | +41:54:32 | 300 | 78 | 3.0 | #2 SN Observat | 2 | |
| 0144.BIAS | 0 | 13:02 | 09:17:20.7 | +41:54:32 | 300 | 90 | 3.0 | #57 Velocity S | 4 | binby4; NOTE: Telescope slit open (see night log) |
| 0145-0153.BIAS | 0 | 13:02 | 09:17:20.7 | +41:54:32 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0154.FLAT | 12 | 13:03 | 09:17:20.7 | +41:54:32 | 300 | 90 | 3.0 | #57 Velocity S | 4 | binby4 |
| 0155-0163.FLAT | 12 | 13:06 | 09:17:20.7 | +41:54:32 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0164.BIAS | 0 | 13:06 | 09:17:20.7 | +41:54:32 | 300 | 90 | 3.0 | #57 Velocity S | 2 | binby2 |
| 0165-0173.BIAS | 0 | 13:08 | 09:17:20.7 | +41:54:32 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0174.FLAT | 25 | 13:08 | 09:17:20.7 | +41:54:32 | 300 | 90 | 3.0 | #57 Velocity S | 2 | binby2 |
| 0175-0194.FLAT | 25 | 13:22 | 09:17:20.7 | +41:54:32 | 300 | 90 | 3.0 | #57 Velocity S | 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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0195-0199.DARK | 900 | 14:25 | 09:17:20.7 | +41:54:32 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0200-0204.DARK | 900 | 15:42 | 09:17:20.7 | +41:54:32 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |

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| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|---|
| 0001-0005.DARK | 900 | 23:53 | 09:17:20.7 | +41:54:32 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0006-0010.DARK | 900 | 1:10 | 09:17:20.7 | +41:54:32 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0011.BIAS | 0 | 1:26 | 09:17:20.7 | +41:54:32 | 300 | 90 | 3.0 | #57 Velocity S | 4 | binby4 |
| 0012-0020.BIAS | 0 | 1:27 | 09:17:20.7 | +41:54:32 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0021.FLAT | 12 | 1:27 | 09:17:20.7 | +41:54:32 | 300 | 90 | 3.0 | #57 Velocity S | 4 | binby4 |
| 0022-0030.FLAT | 12 | 1:31 | 09:17:20.7 | +41:54:32 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0031.BIAS | 0 | 1:31 | 09:17:20.7 | +41:54:32 | 300 | 90 | 3.0 | #57 Velocity S | 2 | binby2 |
| 0032-0040.BIAS | 0 | 1:32 | 09:17:20.7 | +41:54:32 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0041.FLAT | 25 | 1:33 | 09:17:20.7 | +41:54:32 | 300 | 90 | 3.0 | #57 Velocity S | 2 | binby2; only 15 to get on sky quicker- will take 27 FLATs at en |
| 0042-0055.FLAT | 25 | 1:41 | 09:17:20.7 | +41:54:32 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0056.RSOph | 10 | 1:59 | 17:50:13 | -06:42:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | sky clear; 2-3 arcsec seeing |
| 0057.RSOph | 60 | 1:59 | 17:50:13 | -06:42:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0058.RSOph | 150 | 2:01 | 17:50:13 | -06:42:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0059.COMP | 12 | 2:04 | 17:50:13 | -06:42:30 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0060.3C390.3 | 300 | 2:17 | 18:42:09.0 | 79:46:17 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | very slight guiding problem |
| 0061.3C390.3 | 300 | 2:24 | 18:42:09.0 | 79:46:17 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | guiding problem was in fact a focusing one... next three are Ok |
| 0062.3C390.3 | 300 | 2:31 | 18:42:09.0 | 79:46:17 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | MMT turned on its laser; surreal sight! |
| 0063.3C390.3 | 300 | 2:40 | 18:42:09.0 | 79:46:17 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0064.3C390.3 | 300 | 2:46 | 18:42:09.0 | 79:46:17 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0065.COMP | 12 | 2:52 | 18:42:09.0 | 79:46:17 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |

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| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-----------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0066.MRK509 | 180 | 2:57 | 20:44:09.8 | -10:43:24 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0067.MRK509 | 180 | 3:01 | 20:44:09.8 | -10:43:24 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0068.COMP | 12 | 3:05 | 20:44:09.8 | -10:43:24 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0069.BDp284211 | 90 | 3:09 | 21:51:11.1 | 28:51:53 | 300 | 66 | 3.0 | #56 Spectropho | 2 | |
| 0070.COMP | 12 | 3:11 | 21:51:11.1 | 28:51:53 | 300 | 66 | 3.0 | #56 Spectropho | 2 | |
| 0071.BDp174708 | 45 | 3:15 | 22:11:31.4 | 18:05:33 | 300 | 16 | 3.0 | #56 Spectropho | 2 | |
| 0072.COMP | 12 | 3:16 | 22:11:31.4 | 18:05:33 | 300 | 16 | 3.0 | #56 Spectropho | 2 | |
| 0073.N7331 | 180 | 3:22 | 22:34:46.9 | +34:09:43 | 300 | -10 | 3.0 | #57 Velocity S | 2 | |
| 0074.COMP | 12 | 3:25 | 22:34:46.9 | +34:09:43 | 300 | -10 | 3.0 | #57 Velocity S | 2 | |
| 0075.00180959+5357072 | 600 | 3:30 | 00:18:09.5 | +53:57:07 | 300 | 90 | 3.0 | #141 Mapping t | 2 | |
| 0076.COMP | 12 | 3:41 | 00:18:09.5 | +53:57:07 | 300 | 90 | 3.0 | #141 Mapping t | 2 | |
| 0077.00181423+5357542 | 600 | 3:45 | 00:18:14.2 | +53:57:54 | 300 | 90 | 3.0 | #141 Mapping t | 2 | |
| 0078.COMP | 12 | 3:56 | 00:18:14.2 | +53:57:54 | 300 | 90 | 3.0 | #141 Mapping t | 2 | |
| 0079.00240552+5316170 | 600 | 3:59 | 00:24:05.5 | +53:16:17 | 300 | 90 | 3.0 | #141 Mapping t | 2 | |
| 0080.COMP | 12 | 4:10 | 00:24:05.5 | +53:16:17 | 300 | 90 | 3.0 | #141 Mapping t | 2 | |
| 0081.00414439+5309441 | 600 | 4:18 | 00:41:44.3 | +53:09:44 | 300 | 90 | 3.0 | #141 Mapping t | 2 | |
| 0082.COMP | 12 | 4:29 | 00:41:44.3 | +53:09:44 | 300 | 90 | 3.0 | #141 Mapping t | 2 | |
| 0083.00464374+5314060 | 600 | 4:31 | 00:46:43.7 | +53:14:06 | 300 | 90 | 3.0 | #141 Mapping t | 2 | row=74 |
| 0084.COMP | 12 | 4:42 | 00:46:43.7 | +53:14:06 | 300 | 90 | 3.0 | #141 Mapping t | 2 | |
| 0085.00525917+5706523 | 600 | 4:45 | 00:52:59.1 | +57:06:52 | 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> |
|-----------------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0086.COMP | 12 | 4:56 | 00:52:59.1 | +57:06:52 | 300 | 90 | 3.0 | #141 Mapping t | 2 | |
| 0087.01291379+5600241 | 600 | 4:58 | 01:29:13.7 | +56:00:24 | 300 | 90 | 3.0 | #141 Mapping t | 2 | row=74 |
| 0088.COMP | 12 | 5:09 | 01:29:13.7 | +56:00:24 | 300 | 90 | 3.0 | #141 Mapping t | 2 | |
| 0089.fmfa083 | 600 | 5:14 | 01:27:52.8 | 34:29:20 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0090.COMP | 12 | 5:24 | 01:27:52.8 | 34:29:20 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0091.fmfa084 | 600 | 5:29 | 01:28:52.6 | 32:02:23 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0092.COMP | 12 | 5:39 | 01:28:52.6 | 32:02:23 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0093.fmfa085 | 600 | 5:42 | 01:29:08.0 | 31:54:22 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0094.COMP | 12 | 5:52 | 01:29:08.0 | 31:54:22 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0095.fmfa086 | 400 | 5:55 | 01:29:10.2 | 31:54:18 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0096.COMP | 12 | 6:02 | 01:29:10.2 | 31:54:18 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0097.fmfa087 | 400 | 6:04 | 01:29:11.9 | 31:54:40 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0098.COMP | 12 | 6:11 | 01:29:11.9 | 31:54:40 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0099.fmfa088 | 600 | 6:14 | 01:29:46.2 | 32:01:16 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0100.COMP | 12 | 6:25 | 01:29:46.2 | 32:01:16 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0101.fmfa089 | 480 | 6:28 | 01:30:04.3 | 32:05:37 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0102.COMP | 12 | 6:37 | 01:30:04.3 | 32:05:37 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0103.fmfa090 | 400 | 6:39 | 01:30:35.6 | 32:13:55 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0104.COMP | 12 | 6:46 | 01:30:35.6 | 32:13:55 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0105.fmfa091 | 480 | 6:48 | 01:30:37.0 | 34:13:21 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |

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| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|---------------|----------|----------|------------|----------|-----|------|------|----------------|-----|----------|
| 0106.COMP | 12 | 6:57 | 01:30:37.0 | 34:13:21 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0107.fmfa092 | 480 | 6:58 | 01:30:39.1 | 33:03:05 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0108.COMP | 12 | 7:07 | 01:30:39.1 | 33:03:05 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0109.hxPer178 | 180 | 7:14 | 2:23:13.2 | 56:46:14 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0110.COMP | 12 | 7:17 | 2:23:13.2 | 56:46:14 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0111.hxPer179 | 180 | 7:20 | 2:24:24.9 | 57:16:40 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0112.COMP | 12 | 7:24 | 2:24:24.9 | 57:16:40 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0113.hxPer180 | 180 | 7:26 | 2:19:0.7 | 56:44:9 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0114.COMP | 12 | 7:29 | 2:19:0.7 | 56:44:9 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0115.hxPer18 | 180 | 7:32 | 2:20:46.2 | 56:44:58 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0116.COMP | 12 | 7:35 | 2:20:46.2 | 56:44:58 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0117.hxPer181 | 180 | 7:38 | 2:17:14.2 | 57:11:43 | 300 | 90 | 3.0 | #170 h & chi P | 2 | row=74 |
| 0118.COMP | 12 | 7:42 | 2:17:14.2 | 57:11:43 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0119.hxPer182 | 180 | 7:48 | 2:21:48.6 | 57:13:42 | 300 | -10 | 3.0 | #170 h & chi P | 2 | row=70 |
| 0120.COMP | 12 | 7:52 | 2:21:48.6 | 57:13:42 | 300 | -10 | 3.0 | #170 h & chi P | 2 | |
| 0121.hxPer183 | 240 | 7:57 | 2:23:26.3 | 56:47:52 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0122.COMP | 12 | 8:02 | 2:23:26.3 | 56:47:52 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0123.hxPer184 | 240 | 8:04 | 2:20:59.7 | 56:54:8 | 300 | 90 | 3.0 | #170 h & chi P | 2 | row=74 |
| 0124.COMP | 12 | 8:09 | 2:20:59.7 | 56:54:8 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0125.hxPer185 | 240 | 8:12 | 2:18:18.7 | 57:22:1 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |

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| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|---------------|----------|----------|------------|----------|-----|------|------|----------------|-----|---------------------------------|
| 0126.COMP | 12 | 8:16 | 2:18:18.7 | 57:22:1 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0127.hxPer186 | 240 | 8:18 | 2:17:19.0 | 56:48:42 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0128.COMP | 12 | 8:24 | 2:17:19.0 | 56:48:42 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0129.hxPer187 | 240 | 8:25 | 2:17:46.7 | 57:27:44 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0130.COMP | 12 | 8:30 | 2:17:46.7 | 57:27:44 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0131.hxPer188 | 240 | 8:34 | 2:20:52.4 | 56:46:24 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0132.COMP | 12 | 8:38 | 2:20:52.4 | 56:46:24 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0133.hxPer189 | 240 | 8:40 | 2:17:9.4 | 56:49:46 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0134.COMP | 12 | 8:45 | 2:17:9.4 | 56:49:46 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0135.hxPer190 | 300 | 8:47 | 2:17:48.7 | 56:53:18 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0136.COMP | 12 | 8:52 | 2:17:48.7 | 56:53:18 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0137.hxPer19 | 240 | 8:54 | 2:21:54.1 | 56:44:33 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0138.COMP | 12 | 8:59 | 2:21:54.1 | 56:44:33 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0139.hxPer191 | 240 | 9:01 | 2:17:24.0 | 56:52:32 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0140.COMP | 12 | 9:06 | 2:17:24.0 | 56:52:32 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0141.hxPer192 | 240 | 9:08 | 2:17:28.7 | 57:18:38 | 300 | 90 | 3.0 | #170 h & chi P | 2 | row=74 |
| 0142.COMP | 12 | 9:13 | 2:17:28.7 | 57:18:38 | 300 | 90 | 3.0 | #170 h & chi P | 2 | |
| 0143.sn2006lf | 1800 | 9:19 | 04:38:29.4 | 44:02:01 | 300 | 4 | 3.0 | #2 SN Observat | 2 | seeing improved, now 1-2 arcsec |
| 0144.COMP | 12 | 9:50 | 04:38:29.4 | 44:02:01 | 300 | 4 | 3.0 | #2 SN Observat | 2 | |
| 0145.sn2006le | 1800 | 9:56 | 05:00:41.9 | 62:15:19 | 300 | -4 | 3.0 | #2 SN Observat | 2 | SN at row=72 |

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| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|--|
| 0146.COMP | 12 | 10:27 | 05:00:41.9 | 62:15:19 | 300 | -4 | 3.0 | #2 SN Observat | 2 | |
| 0147.fmfa268 | 900 | 10:38 | 04:14:14.4 | 3:26:38 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0148.COMP | 12 | 10:55 | 04:14:14.4 | 3:26:38 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0149.fmfa269 | 400 | 10:57 | 04:14:16.0 | 1:56:06 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0150.COMP | 12 | 11:05 | 04:14:16.0 | 1:56:06 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0151.fmfa270 | 600 | 11:07 | 04:14:28.9 | 1:49:12 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0152.COMP | 12 | 11:17 | 04:14:28.9 | 1:49:12 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0153.fmfa271 | 600 | 11:19 | 04:14:31.8 | 3:43:13 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0154.COMP | 12 | 11:30 | 04:14:31.8 | 3:43:13 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0155.fmfa272 | 900 | 11:33 | 04:14:32.2 | 2:08:08 | 300 | 90 | 3.0 | #171 Local Uni | 2 | no guide star; spectrum Ok, though |
| 0156.COMP | 12 | 11:49 | 04:14:32.2 | 2:08:08 | 300 | 90 | 3.0 | #171 Local Uni | 2 | |
| 0157.sn2006jc | 1200 | 11:55 | 09:17:20.7 | +41:54:32 | 300 | 78 | 3.0 | #2 SN Observat | 2 | |
| 0158.COMP | 12 | 12:16 | 09:17:20.7 | +41:54:32 | 300 | 78 | 3.0 | #2 SN Observat | 2 | |
| 0159.BIAS | 0 | 12:24 | 09:17:20.7 | +41:54:32 | 300 | 90 | 3.0 | #2 SN Observat | 4 | binby4 |
| 0160-0168.BIAS | 0 | 12:25 | 09:17:20.7 | +41:54:32 | 300 | 90 | 3.0 | #2 SN Observat | 4 | |
| 0169.FLAT | 12 | 12:25 | 09:17:20.7 | +41:54:32 | 300 | 90 | 3.0 | #2 SN Observat | 4 | binby4 |
| 0170-0178.FLAT | 12 | 12:28 | 09:17:20.7 | +41:54:32 | 300 | 90 | 3.0 | #2 SN Observat | 4 | |
| 0180-0182.FLAT | 25 | 13:00 | 08:06:01.5 | +31:31:01 | 300 | 90 | 3.0 | #2 SN Observat | 1 | FAST hung on 0179 -- ignore this file! |
| 0183-0184.BIAS | 0 | 13:04 | 08:06:01.5 | +31:31:01 | 300 | 90 | 3.0 | #2 SN Observat | 2 | FAST hung on 0179 -- ignore this file! |
| 0185.FLAT | 25 | 13:05 | 08:06:01.5 | +31:31:01 | 300 | 90 | 3.0 | #2 SN Observat | 2 | These binby2 FLATs are Ok |

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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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|----------------------------|
| 0186-0211.FLAT | 25 | 13:28 | 08:06:01.5 | +31:31:01 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0212.BIAS | 0 | 13:30 | 08:06:01.5 | +31:31:01 | 300 | 90 | 3.0 | #2 SN Observat | 2 | These binby2 BIASes are Ok |
| 0213-0221.BIAS | 0 | 13:31 | 08:06:01.5 | +31:31:01 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0222-0226.DARK | 900 | 14:33 | 08:06:01.5 | +31:31:01 | 300 | 90 | 3.0 | #2 SN Observat | 4 | |
| 0227-0231.DARK | 900 | 15:49 | 08:06:01.5 | +31:31:01 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |