

UT Date 2001-03-31 Observers M CalkinsColl. Focus 1000 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.DARK | 900 | 1:17 | 17:09:56.9 | 26:27:19 | 300 | 90 | 2.0 | #88f Velocity | 2 | |
| 0011-0020.BIAS | 0 | 1:49 | 17:09:56.9 | 26:27:19 | 300 | 90 | 2.0 | #88f Velocity | 2 | |
| 0021-0030.FLAT | 35 | 1:59 | 17:09:56.9 | 26:27:19 | 300 | 90 | 2.0 | #88f Velocity | 2 | |
| 0031.PG0934p554 | 180 | 3:31 | 09:34:49.8 | 55:19:25 | 300 | 40 | 2.0 | #56 Spectropho | 2 | |
| 0032.COMP | 30 | 3:35 | 09:34:49.8 | 55:19:25 | 300 | 40 | 2.0 | #56 Spectropho | 2 | |
| 0033.MF2832 | 450 | 3:38 | 08:06:52.7 | +19:50:38 | 300 | 77 | 2.0 | #56 Spectropho | 2 | |
| 0034.MF2832 | 450 | 3:46 | 08:06:52.7 | +19:50:38 | 300 | 77 | 2.0 | #56 Spectropho | 2 | |
| 0035.COMP | 30 | 3:54 | 08:06:52.7 | +19:50:38 | 300 | 77 | 2.0 | #56 Spectropho | 2 | |
| 0036.MF2706 | 450 | 3:58 | 07:15:22.3 | +36:02:17 | 300 | -33 | 2.0 | #56 Spectropho | 2 | |
| 0037.MF2706 | 450 | 4:06 | 07:15:22.3 | +36:02:17 | 300 | -33 | 2.0 | #56 Spectropho | 2 | |
| 0038.COMP | 30 | 4:14 | 07:15:22.3 | +36:02:17 | 300 | -33 | 2.0 | #56 Spectropho | 2 | |
| 0039.MF7112 | 450 | 4:16 | 07:59:51.2 | +56:54:54 | 300 | -4 | 2.0 | #56 Spectropho | 2 | |
| 0040.MF7112 | 450 | 4:24 | 07:59:51.2 | +56:54:54 | 300 | -4 | 2.0 | #56 Spectropho | 2 | |
| 0041.COMP | 30 | 4:32 | 07:59:51.2 | +56:54:54 | 300 | -4 | 2.0 | #56 Spectropho | 2 | |
| 0042.MF4026 | 900 | 4:34 | 09:14:26.1 | +36:06:44 | 300 | 40 | 2.0 | #56 Spectropho | 2 | |
| 0043.MF4026 | 900 | 4:49 | 09:14:26.1 | +36:06:44 | 300 | 40 | 2.0 | #56 Spectropho | 2 | |
| 0044.MF4026 | 900 | 5:05 | 09:14:26.1 | +36:06:44 | 300 | 40 | 2.0 | #56 Spectropho | 2 | |
| 0045.COMP | 30 | 5:20 | 09:14:26.1 | +36:06:44 | 300 | 40 | 2.0 | #56 Spectropho | 2 | |
| 0046.COMP | 30 | 5:23 | 10:29:49.2 | +51:48:6 | 300 | 40 | 2.0 | #56 Spectropho | 2 | |
| 0047.MF7128 | 900 | 5:24 | 10:29:49.2 | +51:48:6 | 300 | 60 | 2.0 | #56 Spectropho | 2 | |

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|-------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0048.MF7128 | 900 | 5:39 | 10:29:49.2 | +51:48:6 | 300 | 60 | 2.0 | #56 Spectropho | 2 | |
| 0049.MF7128 | 900 | 6:00 | 10:29:49.2 | +51:48:6 | 300 | 60 | 2.0 | #56 Spectropho | 2 | |
| 0050.COMP | 30 | 6:15 | 10:29:49.2 | +51:48:6 | 300 | 60 | 2.0 | #56 Spectropho | 2 | |
| 0051.MF7090 | 720 | 6:21 | 12:00:08.5 | +08:54:50 | 300 | 15 | 2.0 | #56 Spectropho | 2 | |
| 0052.MF7090 | 720 | 6:34 | 12:00:08.5 | +08:54:50 | 300 | 15 | 2.0 | #56 Spectropho | 2 | |
| 0053.COMP | 30 | 6:46 | 12:00:08.5 | +08:54:50 | 300 | 15 | 2.0 | #56 Spectropho | 2 | |
| 0054.GD140 | 180 | 6:53 | 11:34:27.5 | 30:04:27 | 300 | -65 | 2.0 | #56 Spectropho | 2 | |
| 0055.COMP | 30 | 6:56 | 11:34:27.5 | 30:04:27 | 300 | -65 | 2.0 | #56 Spectropho | 2 | |
| 0056.MF7086 | 720 | 7:08 | 12:59:08.1 | +27:47:3 | 300 | -49 | 2.0 | #56 Spectropho | 2 | |
| 0057.MF7086 | 720 | 7:20 | 12:59:08.1 | +27:47:3 | 300 | -49 | 2.0 | #56 Spectropho | 2 | |
| 0058.COMP | 30 | 7:33 | 12:59:08.1 | +27:47:3 | 300 | -49 | 2.0 | #56 Spectropho | 2 | |
| 0059.MF4037 | 900 | 7:39 | 10:29:05.0 | +27:41:36 | 300 | -55 | 2.0 | #56 Spectropho | 2 | |
| 0060.MF4037 | 900 | 7:54 | 10:29:05.0 | +27:41:36 | 300 | -55 | 2.0 | #56 Spectropho | 2 | |
| 0061.MF4037 | 900 | 8:10 | 10:29:05.0 | +27:41:36 | 300 | -55 | 2.0 | #56 Spectropho | 2 | |
| 0062.COMP | 30 | 8:25 | 10:29:05.0 | +27:41:36 | 300 | -55 | 2.0 | #56 Spectropho | 2 | |
| 0063.MF7097 | 720 | 8:30 | 09:27:30.4 | +55:21:28 | 300 | 90 | 2.0 | #56 Spectropho | 2 | |
| 0064.MF7097 | 720 | 8:43 | 09:27:30.4 | +55:21:28 | 300 | 90 | 2.0 | #56 Spectropho | 2 | |
| 0065.COMP | 30 | 8:55 | 09:27:30.4 | +55:21:28 | 300 | 90 | 2.0 | #56 Spectropho | 2 | |
| 0066.MF4040 | 450 | 9:02 | 11:16:13.5 | +29:23:7 | 300 | 72 | 2.0 | #56 Spectropho | 2 | |
| 0067.MF4040 | 450 | 9:10 | 11:16:13.5 | +29:23:7 | 300 | 72 | 2.0 | #56 Spectropho | 2 | |

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|-------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0068.COMP | 30 | 9:18 | 11:16:13.5 | +29:23:7 | 300 | 72 | 2.0 | #56 Spectropho | 2 | |
| 0069.COMP | 30 | 9:20 | 17:03:15.2 | +60:20:16 | 300 | 72 | 2.0 | #56 Spectropho | 2 | |
| 0070.MF7048 | 900 | 9:22 | 17:03:15.2 | +60:20:16 | 300 | 70 | 2.0 | #56 Spectropho | 2 | |
| 0071.MF7048 | 900 | 9:37 | 17:03:15.2 | +60:20:16 | 300 | 70 | 2.0 | #56 Spectropho | 2 | |
| 0072.COMP | 30 | 9:52 | 17:03:15.2 | +60:20:16 | 300 | 70 | 2.0 | #56 Spectropho | 2 | |
| 0073.COMP | 30 | 9:56 | 14:14:20.8 | +07:30:57 | 300 | 90 | 2.0 | #56 Spectropho | 2 | |
| 0074.MF7075 | 900 | 9:57 | 14:14:20.8 | +07:30:57 | 300 | 80 | 2.0 | #88 Mass Funct | 2 | |
| 0075.MF7075 | 900 | 10:12 | 14:14:20.8 | +07:30:57 | 300 | 80 | 2.0 | #88 Mass Funct | 2 | |
| 0076.COMP | 30 | 10:28 | 14:14:20.8 | +07:30:57 | 300 | 80 | 2.0 | #88 Mass Funct | 2 | |
| 0077.MF0012 | 450 | 10:30 | 11:26:55.6 | +22:36:3 | 300 | 100 | 2.0 | #88 Mass Funct | 2 | |
| 0078.MF0012 | 450 | 10:38 | 11:26:55.6 | +22:36:3 | 300 | 100 | 2.0 | #88 Mass Funct | 2 | |
| 0079.COMP | 30 | 10:46 | 11:26:55.6 | +22:36:3 | 300 | 100 | 2.0 | #88 Mass Funct | 2 | |
| 0080.COMP | 30 | 10:48 | 11:35:24.8 | +57:38:59 | 300 | 100 | 2.0 | #88 Mass Funct | 2 | |
| 0081.MF4050 | 900 | 10:49 | 11:35:24.8 | +57:38:59 | 300 | 110 | 2.0 | #88 Mass Funct | 2 | |
| 0082.MF4050 | 900 | 11:05 | 11:35:24.8 | +57:38:59 | 300 | 110 | 2.0 | #88 Mass Funct | 2 | |
| 0083.COMP | 30 | 11:20 | 11:35:24.8 | +57:38:59 | 300 | 110 | 2.0 | #88 Mass Funct | 2 | |
| 0084.COMP | 30 | 11:24 | 16:24:27.4 | +19:28:57 | 300 | 110 | 2.0 | #88 Mass Funct | 2 | |
| 0085.MF7108 | 900 | 11:25 | 16:24:27.4 | +19:28:57 | 300 | 110 | 2.0 | #88 Mass Funct | 2 | |
| 0086.MF7108 | 900 | 11:40 | 16:24:27.4 | +19:28:57 | 300 | 110 | 2.0 | #88 Mass Funct | 2 | |
| 0087.COMP | 30 | 11:56 | 16:24:27.4 | +19:28:57 | 300 | 110 | 2.0 | #88 Mass Funct | 2 | |

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|----------------|-----------------|-----------------|-----------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0088.BDp332642 | 60 | 11:59 | 15:50:03 | 33:05:49 | 300 | 89 | 2.0 | #56 Spectropho | 2 | |
| 0089.COMP | 30 | 12:00 | 15:50:03 | 33:05:49 | 300 | 89 | 2.0 | #56 Spectropho | 2 | |
| 0090-0094.sky | 2 | 13:08 | 15:50:03 | 33:05:49 | 300 | 89 | 2.0 | #56 Spectropho | 2 | |
| 0095.COMP | 30 | 13:09 | 15:50:03 | 33:05:49 | 300 | 89 | 2.0 | #56 Spectropho | 2 | |
| 0096-0105.BIAS | 0 | 13:13 | 15:50:03 | 33:05:49 | 300 | 89 | 2.0 | #56 Spectropho | 2 | |
| 0106-0115.FLAT | 35 | 13:21 | 15:50:03 | 33:05:49 | 300 | 89 | 2.0 | #56 Spectropho | 2 | |
| 0116-0125.DARK | 900 | 15:52 | 15:50:03 | 33:05:49 | 300 | 89 | 2.0 | #56 Spectropho | 2 | |