

UT Date 2015-04-18 Observers WillnerColl. Focus 1395 Grating/Grism 600

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0001.BIAS | 0 | 19:02 | 01:19:56.1 | +31:25:57 | 600 | 90 | 1.5 | 0 Calibration | 2 | |
| 0001.COMP | 5 | 00:17 | 06:33:14.9 | +31:31:25 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0002-0003.BIAS | 0 | 00:37 | 06:33:14.9 | +31:31:25 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0003.DARK | 900 | 19:18 | 01:32:00.6 | +31:26:03 | 600 | 90 | 1.5 | 0 Calibration | 2 | |
| 0004.BIAS | 0 | 00:37 | 06:33:14.9 | +31:31:25 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0004.COMP | 5 | 19:35 | 01:32:00.6 | +31:26:03 | 600 | 90 | 1.5 | 0 Calibration | 2 | |
| 0005-0011.BIAS | 0 | 00:38 | 06:33:14.9 | +31:31:25 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0012-0021.FLAT | 12 | 00:42 | 06:33:14.9 | +31:31:25 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0022-0025.DARK | 900 | 01:29 | 06:33:14.9 | +31:31:25 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0026.HIP44248 | 2 | 02:33 | 09:00:38.7 | +41:47:00 | 600 | 90 | 1.5 | #57 Velocity S | 4 | |
| 0028.Feige34 | 180 | 02:55 | 10:39:36.7 | +43:06:09 | 600 | 90 | 1.5 | #56 Spectropho | 4 | |
| 0029.COMP | 5 | 02:58 | 10:39:36.7 | +43:06:09 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0030.COMP | 10 | 03:00 | 10:39:36.7 | +43:06:09 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0031.j1131m07 | 720 | 03:07 | 11:31:43.5 | -07:42:20 | 600 | 89 | 1.5 | #178 Low Mass | 4 | |
| 0032.COMP | 10 | 03:19 | 11:31:43.5 | -07:42:20 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0033.j1131m07 | 720 | 03:20 | 11:31:43.5 | -07:42:20 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0034.COMP | 10 | 03:32 | 11:31:43.5 | -07:42:20 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0035.j1131m07 | 720 | 03:35 | 11:31:43.5 | -07:42:20 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0036.COMP | 10 | 03:48 | 11:31:43.5 | -07:42:20 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0037.j1131m07 | 720 | 03:49 | 11:31:43.5 | -07:42:20 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |

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|-----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0038.COMP | 10 | 04:01 | 11:31:43.5 | -07:42:20 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0039.j1131m07 | 720 | 04:02 | 11:31:43.5 | -07:42:20 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0040.COMP | 10 | 04:14 | 11:31:43.5 | -07:42:20 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0041.j1131m07 | 720 | 04:16 | 11:31:43.5 | -07:42:20 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0042.COMP | 10 | 04:29 | 11:31:43.5 | -07:42:20 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0043.j1131m07 | 720 | 04:39 | 11:31:40.2 | -07:42:26 | 600 | 89 | 1.5 | #178 Low Mass | 4 | |
| 0044.COMP | 10 | 04:51 | 11:31:40.2 | -07:42:26 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0045.j1131m07 | 720 | 04:53 | 11:31:40.2 | -07:42:26 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0046.COMP | 10 | 05:05 | 11:31:40.2 | -07:42:26 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0047.j1131m07 | 720 | 05:06 | 11:31:40.2 | -07:42:26 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0048.COMP | 10 | 05:19 | 11:31:40.2 | -07:42:26 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0049.j1131m07 | 720 | 05:19 | 11:31:40.2 | -07:42:26 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0050.COMP | 10 | 05:32 | 11:31:40.2 | -07:42:26 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0051.j1131m07 | 720 | 05:35 | 11:31:40.2 | -07:42:26 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0052.COMP | 10 | 05:48 | 11:31:40.2 | -07:42:26 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0053.j1131m07 | 720 | 05:49 | 11:31:40.2 | -07:42:26 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0054.COMP | 10 | 06:01 | 11:31:40.2 | -07:42:26 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0055.j1131m07 | 720 | 06:02 | 11:31:40.2 | -07:42:26 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0056.COMP | 10 | 06:14 | 11:31:40.2 | -07:42:26 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0057.PG0846p249 | 240 | 06:17 | 08:49:05.9 | +24:45:08 | 600 | 90 | 1.5 | #56 Spectropho | 4 | |

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|---------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0058.COMP | 10 | 06:22 | 08:49:05.9 | +24:45:08 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0059.j1337p39 | 1320 | 06:38 | 13:37:25.2 | +39:52:39 | 600 | 88 | 1.5 | #178 Low Mass | 4 | |
| 0060.COMP | 10 | 07:01 | 13:37:25.2 | +39:52:39 | 600 | 86 | 1.5 | 0 Calibration | 4 | |
| 0061.j1337p39 | 1320 | 07:02 | 13:37:25.2 | +39:52:39 | 600 | 86 | 1.5 | #178 Low Mass | 4 | |
| 0062.COMP | 10 | 07:25 | 13:37:25.2 | +39:52:39 | 600 | 85 | 1.5 | 0 Calibration | 4 | |
| 0063.j1337p39 | 1320 | 07:26 | 13:37:25.2 | +39:52:39 | 600 | 85 | 1.5 | #178 Low Mass | 4 | |
| 0064.COMP | 10 | 07:48 | 13:37:25.2 | +39:52:39 | 600 | 88 | 1.5 | 0 Calibration | 4 | |
| 0065.Feige34 | 180 | 07:52 | 10:39:36.7 | +43:06:09 | 600 | 88 | 1.5 | #56 Spectropho | 4 | |
| 0066.COMP | 10 | 07:55 | 10:39:36.7 | +43:06:09 | 600 | 88 | 1.5 | 0 Calibration | 4 | |
| 0067.j1337p39 | 1320 | 08:08 | 13:37:25.2 | +39:52:39 | 600 | 88 | 1.5 | #178 Low Mass | 4 | |
| 0068.COMP | 10 | 08:30 | 13:37:25.2 | +39:52:39 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0069.COMP | 10 | 08:41 | 13:37:25.2 | +39:52:39 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0070.COMP | 10 | 08:42 | 13:37:25.2 | +39:52:39 | 600 | 89 | 1.5 | 0 Calibration | 2 | |
| 0071.LSPMJ1143+2518 | 10 | 08:50 | 11:43:23.6 | +25:18:14 | 600 | 89 | 1.5 | #222 M dwarfs | 2 | |
| 0072.LSPMJ1143+2518 | 120 | 08:51 | 11:43:23.6 | +25:18:14 | 600 | 89 | 1.5 | #222 M dwarfs | 2 | |
| 0073.COMP | 10 | 08:54 | 11:43:23.6 | +25:18:14 | 600 | 89 | 1.5 | 0 Calibration | 2 | |
| 0074.LSPMJ1143+2518 | 120 | 08:59 | 11:43:23.6 | +25:18:14 | 600 | 89 | 1.5 | #222 M dwarfs | 2 | |
| 0075.COMP | 10 | 09:01 | 11:43:23.6 | +25:18:14 | 600 | 90 | 1.5 | 0 Calibration | 2 | |
| 0076.LSPMJ1143+2518 | 600 | 09:04 | 11:43:23.6 | +25:18:14 | 600 | 90 | 1.5 | #222 M dwarfs | 2 | |
| 0077.COMP | 10 | 09:15 | 11:43:23.6 | +25:18:14 | 600 | 90 | 1.5 | 0 Calibration | 2 | |

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|---------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0078.LSPMJ1205+5623 | 600 | 09:22 | 12:05:36.4 | +56:23:45 | 600 | 90 | 2.0 | #222 M dwarfs | 2 | |
| 0079.COMP | 10 | 09:32 | 12:05:36.4 | +56:23:45 | 600 | 90 | 2.0 | 0 Calibration | 2 | |
| 0080.LSPMJ1205+5623 | 1200 | 09:34 | 12:05:36.4 | +56:23:45 | 600 | 90 | 2.0 | #222 M dwarfs | 2 | |
| 0081.COMP | 10 | 09:54 | 12:05:36.4 | +56:23:45 | 600 | 90 | 2.0 | 0 Calibration | 2 | |
| 0082.LSPMJ1233+6500 | 600 | 09:59 | 12:33:46.1 | +65:00:05 | 600 | 89 | 2.0 | #222 M dwarfs | 2 | |
| 0083.COMP | 10 | 10:17 | 12:33:46.1 | +65:00:05 | 600 | 89 | 2.0 | 0 Calibration | 2 | |
| 0084.LSPMJ1233+6500 | 1200 | 10:18 | 12:33:46.1 | +65:00:05 | 600 | 89 | 2.0 | #222 M dwarfs | 2 | |
| 0085.COMP | 10 | 10:38 | 12:33:46.1 | +65:00:05 | 600 | 89 | 2.0 | 0 Calibration | 2 | |
| 0086.BDp262606 | 60 | 10:44 | 14:49:02.4 | +25:42:09 | 600 | 89 | 2.0 | #56 Spectropho | 2 | |
| 0087.COMP | 10 | 10:46 | 14:49:02.4 | +25:42:09 | 600 | 89 | 2.0 | 0 Calibration | 2 | |
| 0088.LSPMJ1504+4858 | 600 | 10:51 | 15:04:06.3 | +48:58:54 | 600 | 89 | 2.0 | #222 M dwarfs | 2 | |
| 0089.COMP | 10 | 11:01 | 15:04:06.3 | +48:58:54 | 600 | 90 | 2.0 | 0 Calibration | 2 | |
| 0090.LSPMJ1504+4858 | 600 | 11:02 | 15:04:06.3 | +48:58:54 | 600 | 90 | 2.0 | #222 M dwarfs | 2 | |
| 0091.COMP | 10 | 11:12 | 15:04:06.3 | +48:58:54 | 600 | 89 | 2.0 | 0 Calibration | 2 | |
| 0092.LSPMJ1542+6533 | 600 | 11:15 | 15:42:14.3 | +65:33:12 | 600 | 88 | 2.0 | #222 M dwarfs | 2 | |
| 0093.COMP | 10 | 11:25 | 15:42:14.3 | +65:33:12 | 600 | 88 | 2.0 | 0 Calibration | 2 | |
| 0094.LSPMJ1610+3954 | 600 | 11:28 | 16:10:30.4 | +39:54:26 | 600 | 88 | 2.0 | #222 M dwarfs | 2 | |
| 0095.COMP | 10 | 11:39 | 16:10:30.4 | +39:54:26 | 600 | 88 | 2.0 | 0 Calibration | 2 | |
| 0096.LSPMJ1610+3954 | 1200 | 11:39 | 16:10:30.4 | +39:54:26 | 600 | 88 | 2.0 | #222 M dwarfs | 2 | |
| 0097.COMP | 10 | 12:00 | 16:10:30.4 | +39:54:26 | 600 | 90 | 2.0 | 0 Calibration | 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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0100.BDp262606 | 120 | 12:06 | 14:49:02.4 | +25:42:09 | 600 | 90 | 2.0 | #56 Spectropho | 2 | |
| 0101.COMP | 10 | 12:08 | 14:49:02.4 | +25:42:09 | 600 | 90 | 2.0 | 0 Calibration | 2 | |
| 0102-0111.BIAS | 0 | 12:12 | 14:49:02.4 | +25:42:09 | 600 | 90 | 2.0 | 0 Calibration | 2 | |
| 0113-0122.FLAT | 12 | 12:24 | 14:49:02.4 | +25:42:09 | 600 | 90 | 2.0 | 0 Calibration | 2 | |
| 0123.DARK | 10 | 12:28 | 14:49:02.4 | +25:42:09 | 600 | 90 | 2.0 | 0 Calibration | 2 | |
| 0124-0129.DARK | 1200 | 14:10 | 14:49:02.4 | +25:42:09 | 600 | 90 | 2.0 | 0 Calibration | 2 | |
| test | 900 | 19:18 | 01:32:00.6 | +31:26:03 | 600 | 90 | 1.5 | #178 Low Mass | 2 | |