

UT Date 2000-12-19 Observers M CalkinsColl. Focus 1000 Grating/Grism 600

| <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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0001-0002.DARK | 900 | 0:31 | 23:13:44.0 | 31:30:03 | 600 | 90 | 2.0 | none | 2 | |
| 0003-0012.BIAS | 0 | 2:21 | 02:11:19.3 | +15:53:01 | 600 | 90 | 2.0 | #88f Mass Func | 2 | |
| 0013-0022.FLAT | 35 | 2:29 | 02:11:19.3 | +15:53:01 | 600 | 90 | 2.0 | #88f Mass Func | 2 | |
| 0023.BDp284211 | 90 | 2:36 | 21:51:11.0 | +28:51:50 | 600 | 74 | 2.0 | #56 Photometri | 2 | |
| 0024.BDp284211 | 90 | 2:38 | 21:51:11.0 | +28:51:50 | 600 | 74 | 2.0 | #56 Photometri | 2 | |
| 0025.COMP | 30 | 2:40 | 21:51:11.0 | +28:51:50 | 600 | 74 | 2.0 | #56 Photometri | 2 | |
| 0026.MF2362 | 600 | 2:43 | 02:11:19.3 | +15:53:01 | 600 | 88 | 2.0 | #88f Mass Func | 2 | |
| 0027.MF2362 | 600 | 2:53 | 02:11:19.3 | +15:53:01 | 600 | 88 | 2.0 | #88f Mass Func | 2 | |
| 0028.COMP | 30 | 3:04 | 02:11:19.3 | +15:53:01 | 600 | 88 | 2.0 | #88f Mass Func | 2 | |
| 0029.MF2485 | 600 | 3:06 | 02:40:32.8 | +14:17:52 | 600 | 38 | 2.0 | #88f Mass Func | 2 | |
| 0030.MF2485 | 600 | 3:17 | 02:40:32.8 | +14:17:52 | 600 | 38 | 2.0 | #88f Mass Func | 2 | |
| 0031.COMP | 30 | 3:27 | 02:40:32.8 | +14:17:52 | 600 | 38 | 2.0 | #88f Mass Func | 2 | |
| 0032.MF2485 | 600 | 3:30 | 02:54:47.1 | 15:35:22 | 600 | 45 | 2.0 | #88f Mass Func | 2 | |
| 0033.MF2485 | 600 | 3:41 | 02:54:47.1 | 15:35:22 | 600 | 45 | 2.0 | #88f Mass Func | 2 | |
| 0034.COMP | 30 | 3:51 | 02:54:47.1 | 15:35:22 | 600 | 45 | 2.0 | #88f Mass Func | 2 | |
| 0035.MF2560 | 600 | 3:53 | 03:20:50.8 | +15:56:35 | 600 | 45 | 2.0 | #88f Mass Func | 2 | |
| 0036.MF2560 | 600 | 4:03 | 03:20:50.8 | +15:56:35 | 600 | 45 | 2.0 | #88f Mass Func | 2 | |
| 0037.COMP | 30 | 4:14 | 03:20:50.8 | +15:56:35 | 600 | 45 | 2.0 | #88f Mass Func | 2 | |
| 0038.COMP | 30 | 4:17 | 03:37:50.8 | 4:56:55 | 600 | 45 | 2.0 | #88f Mass Func | 2 | |
| 0039.MF7145 | 900 | 4:18 | 03:37:50.8 | 4:56:55 | 600 | 90 | 2.0 | #88f Mass Func | 2 | |

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|-------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0040.MF7145 | 900 | 4:34 | 03:37:50.8 | 4:56:55 | 600 | 90 | 2.0 | #88f Mass Func | 2 | |
| 0041.MF7145 | 900 | 4:49 | 03:37:50.8 | 4:56:55 | 600 | 90 | 2.0 | #88f Mass Func | 2 | |
| 0042.COMP | 30 | 5:05 | 03:37:50.8 | 4:56:55 | 600 | 90 | 2.0 | #88f Mass Func | 2 | |
| 0043.MF7018 | 450 | 5:08 | 03:35:38.0 | 11:02:45 | 600 | 50 | 2.0 | #88f Mass Func | 2 | |
| 0044.MF7018 | 450 | 5:16 | 03:35:38.0 | 11:02:45 | 600 | 50 | 2.0 | #88f Mass Func | 2 | |
| 0045.COMP | 30 | 5:24 | 03:35:38.0 | 11:02:45 | 600 | 50 | 2.0 | #88f Mass Func | 2 | |
| 0046.MF7052 | 720 | 5:31 | 05:28:58.2 | 74:54:40 | 600 | -20 | 2.0 | #88f Mass Func | 2 | |
| 0047.MF7052 | 720 | 5:43 | 05:28:58.2 | 74:54:40 | 600 | -20 | 2.0 | #88f Mass Func | 2 | |
| 0048.COMP | 30 | 5:55 | 05:28:58.2 | 74:54:40 | 600 | -20 | 2.0 | #88f Mass Func | 2 | |
| 0049.MF4001 | 900 | 6:02 | 06:51:3.0 | 48:43:29 | 600 | -40 | 2.0 | #88f Mass Func | 2 | |
| 0050.MF4001 | 900 | 6:18 | 06:51:3.0 | 48:43:29 | 600 | -40 | 2.0 | #88f Mass Func | 2 | |
| 0051.COMP | 30 | 6:33 | 06:51:3.0 | 48:43:29 | 600 | -40 | 2.0 | #88f Mass Func | 2 | |
| 0052.MF4007 | 720 | 6:44 | 07:09:44.8 | 48:41:26 | 600 | -28 | 2.0 | #88f Mass Func | 2 | |
| 0053.MF4007 | 720 | 6:57 | 07:09:44.8 | 48:41:26 | 600 | -28 | 2.0 | #88f Mass Func | 2 | |
| 0054.COMP | 30 | 7:09 | 07:09:44.8 | 48:41:26 | 600 | -28 | 2.0 | #88f Mass Func | 2 | |
| 0055.COMP | 30 | 7:26 | 07:36:57.1 | 58:46:13 | 600 | -28 | 2.0 | #88f Mass Func | 2 | |
| 0056.MF7068 | 900 | 7:27 | 07:36:57.1 | 58:46:13 | 600 | 25 | 2.0 | #88f Mass Func | 2 | |
| 0057.MF7068 | 900 | 7:42 | 07:36:57.1 | 58:46:13 | 600 | 25 | 2.0 | #88f Mass Func | 2 | |
| 0058.MF7068 | 900 | 7:57 | 07:36:57.1 | 58:46:13 | 600 | 25 | 2.0 | #88f Mass Func | 2 | |
| 0059.COMP | 30 | 8:13 | 07:36:57.1 | 58:46:13 | 600 | 25 | 2.0 | #88f Mass Func | 2 | |

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|-------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0060.MF2725 | 450 | 8:16 | 07:25:37.2 | +29:57:14 | 600 | -38 | 2.0 | #88f Mass Func | 2 | |
| 0061.MF2725 | 450 | 8:24 | 07:25:37.2 | +29:57:14 | 600 | -38 | 2.0 | #88f Mass Func | 2 | |
| 0062.COMP | 30 | 8:31 | 07:25:37.2 | +29:57:14 | 600 | -38 | 2.0 | #88f Mass Func | 2 | |
| 0063.COMP | 30 | 8:36 | 07:31:7.1 | 59:28:53 | 600 | 80 | 2.0 | #88f Mass Func | 2 | |
| 0064.MF7034 | 900 | 8:38 | 07:31:7.1 | 59:28:53 | 600 | 80 | 2.0 | #88f Mass Func | 2 | |
| 0065.MF7034 | 900 | 8:53 | 07:31:7.1 | 59:28:53 | 600 | 80 | 2.0 | #88f Mass Func | 2 | |
| 0066.COMP | 30 | 9:09 | 07:31:7.1 | 59:28:53 | 600 | 80 | 2.0 | #88f Mass Func | 2 | |
| 0067.COMP | 30 | 9:14 | 7:14:21.7 | +35:23:56 | 600 | 80 | 2.0 | #88f Mass Func | 2 | |
| 0068.MF4004 | 900 | 9:15 | 7:14:21.7 | +35:23:56 | 600 | -37 | 2.0 | #88f Mass Func | 2 | |
| 0069.MF4004 | 900 | 9:30 | 7:14:21.7 | +35:23:56 | 600 | -37 | 2.0 | #88f Mass Func | 2 | |
| 0070.MF4004 | 900 | 9:45 | 7:14:21.7 | +35:23:56 | 600 | -37 | 2.0 | #88f Mass Func | 2 | |
| 0071.COMP | 30 | 10:01 | 7:14:21.7 | +35:23:56 | 600 | -37 | 2.0 | #88f Mass Func | 2 | |
| 0072.MF2849 | 450 | 10:03 | 08:13:18.3 | +34:55:57 | 600 | -60 | 2.0 | #88f Mass Func | 2 | |
| 0073.MF2849 | 450 | 10:11 | 08:13:18.3 | +34:55:57 | 600 | -60 | 2.0 | #88f Mass Func | 2 | |
| 0074.COMP | 30 | 10:19 | 08:13:18.3 | +34:55:57 | 600 | -60 | 2.0 | #88f Mass Func | 2 | |
| 0075.COMP | 30 | 10:22 | 8:1:15.6 | +32:50:56 | 600 | -60 | 2.0 | #88f Mass Func | 2 | |
| 0076.MF4011 | 900 | 10:23 | 8:1:15.6 | +32:50:56 | 600 | -25 | 2.0 | #88f Mass Func | 2 | |
| 0077.MF4011 | 900 | 10:38 | 8:1:15.6 | +32:50:56 | 600 | -25 | 2.0 | #88f Mass Func | 2 | |
| 0078.COMP | 30 | 10:53 | 8:1:15.6 | +32:50:56 | 600 | -25 | 2.0 | #88f Mass Func | 2 | |
| 0079.COMP | 30 | 10:57 | 06:31:35.2 | 74:25:55 | 600 | -25 | 2.0 | #88f Mass Func | 2 | |

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|-------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0080.MF7124 | 900 | 10:58 | 06:31:35.2 | 74:25:55 | 600 | -5 | 2.0 | #88f Mass Func | 2 | |
| 0081.MF7124 | 900 | 11:13 | 06:31:35.2 | 74:25:55 | 600 | -5 | 2.0 | #88f Mass Func | 2 | |
| 0082.COMP | 30 | 11:29 | 06:31:35.2 | 74:25:55 | 600 | -5 | 2.0 | #88f Mass Func | 2 | |
| 0083.MF2862 | 450 | 11:32 | 08:19:05.1 | +21:47:28 | 600 | -25 | 2.0 | #88f Mass Func | 2 | |
| 0084.MF2862 | 450 | 11:40 | 08:19:05.1 | +21:47:28 | 600 | -25 | 2.0 | #88f Mass Func | 2 | |
| 0085.COMP | 30 | 11:48 | 08:19:05.1 | +21:47:28 | 600 | -25 | 2.0 | #88f Mass Func | 2 | |
| 0086.COMP | 30 | 11:50 | 07:18:43.2 | 63:11:09 | 600 | -25 | 2.0 | #88f Mass Func | 2 | |
| 0087.MF7032 | 900 | 11:51 | 07:18:43.2 | 63:11:09 | 600 | -28 | 2.0 | #88f Mass Func | 2 | |
| 0088.MF7032 | 900 | 12:06 | 07:18:43.2 | 63:11:09 | 600 | -28 | 2.0 | #88f Mass Func | 2 | |
| 0089.MF7032 | 900 | 12:21 | 07:18:43.2 | 63:11:09 | 600 | -28 | 2.0 | #88f Mass Func | 2 | |
| 0090.COMP | 30 | 12:38 | 07:18:43.2 | 63:11:09 | 600 | -28 | 2.0 | #88f Mass Func | 2 | |
| 0091.MF2950 | 450 | 12:40 | 08:54:08.7 | +17:25:48 | 600 | -45 | 2.0 | #88f Mass Func | 2 | |
| 0092.MF2950 | 450 | 12:48 | 08:54:08.7 | +17:25:48 | 600 | -45 | 2.0 | #88f Mass Func | 2 | |
| 0093.COMP | 30 | 12:56 | 08:54:08.7 | +17:25:48 | 600 | -45 | 2.0 | #88f Mass Func | 2 | |
| 0094.MF4018 | 450 | 13:00 | 9:3:11.3 | +13:37:56 | 600 | 45 | 2.0 | #88f Mass Func | 2 | |
| 0095.MF4018 | 450 | 13:08 | 9:3:11.3 | +13:37:56 | 600 | 45 | 2.0 | #88f Mass Func | 2 | |
| 0096.COMP | 30 | 13:16 | 9:3:11.3 | +13:37:56 | 600 | 45 | 2.0 | #88f Mass Func | 2 | |
| 0097.HZ44 | 120 | 13:18 | 13:23:35.2 | +36:07:59 | 600 | 90 | 2.0 | #56 Photometri | 2 | |
| 0098.HZ44 | 120 | 13:20 | 13:23:35.2 | +36:07:59 | 600 | 90 | 2.0 | #56 Photometri | 2 | |
| 0099.COMP | 30 | 13:23 | 13:23:35.2 | +36:07:59 | 600 | 90 | 2.0 | #56 Photometri | 2 | |

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|----------------|---------------------|---------------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0100-0104.sky | 2 | 14:11 | 13:23:35.2 | +36:07:59 | 600 | 90 | 2.0 | #57 Velocity S | 2 | |
| 0105.COMP | 30 | 14:12 | 13:23:35.2 | +36:07:59 | 600 | 90 | 2.0 | #57 Velocity S | 2 | |
| 0106-0115.BIAS | 0 | 14:17 | 13:23:35.2 | +36:07:59 | 600 | 90 | 2.0 | #57 Velocity S | 2 | |
| 0116-0125.FLAT | 35 | 14:25 | 13:23:35.2 | +36:07:59 | 600 | 90 | 2.0 | #57 Velocity S | 2 | |
| 0126-0135.DARK | 900 | 16:44 | 13:23:35.2 | +36:07:59 | 600 | 90 | 2.0 | #57 Velocity S | 2 | |