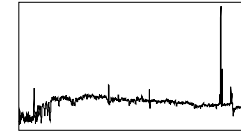
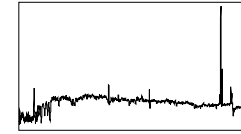
UT Date 2002-03-06 Observers P BerlindColl. Focus 1000 Grating/Grism 300

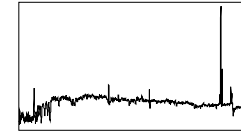
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------------------------|
| 0001.DARK | 900 | 23:30 | 03:15:14.0 | 31:29:58 | 600 | 90 | 2.0 | #122 Halo Star | 2 | new ccd flood |
| 0002.DARK | 900 | 23:45 | 03:30:26.0 | 31:29:59 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0003.DARK | 900 | 0:00 | 03:45:41.0 | 31:30:01 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0004.DARK | 900 | 0:15 | 04:00:57.0 | 31:30:03 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0005.DARK | 900 | 0:31 | 04:16:12.0 | 31:30:05 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0006.DARK | 900 | 0:46 | 04:31:27.0 | 31:30:07 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0007.COMP | 5 | 1:07 | 04:38:02.0 | 31:30:08 | 300 | 90 | 3.0 | #57 Velocity S | 4 | 100 cnts drk crnt in 15min |
| 0008-0010.BIAS | 0 | 1:09 | 04:39:33.0 | 31:30:08 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0011-0020.BIAS | 0 | 1:15 | 04:45:55.0 | 31:30:09 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0021-0030.FLAT | 8 | 1:18 | 04:49:02.0 | 31:30:10 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0031-0040.BIAS | 0 | 1:21 | 04:51:30.0 | 31:30:10 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0041-0043.FLAT | 16 | 1:22 | 04:53:18.0 | 31:30:10 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0044-0050.FLAT | 16 | 1:26 | 04:56:38.0 | 31:30:11 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0051.sky | 3 | 1:38 | 05:08:51.0 | 31:30:13 | 300 | 90 | 3.0 | #57 Velocity S | 4 | cirrus to west |
| 0052-0055.sky | 3 | 1:39 | 05:09:30.0 | 31:30:13 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0056.COMP | 5 | 1:39 | 05:10:05.0 | 31:30:13 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0057.HD52971 | 4 | 2:09 | 06:57:51 | +27:13:42 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0058.HD52971 | 4 | 2:10 | 06:57:51 | +27:13:42 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0059.HD52971 | 4 | 2:10 | 06:57:51 | +27:13:42 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0060.COMP | 5 | 2:11 | 06:57:51 | +27:13:42 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |

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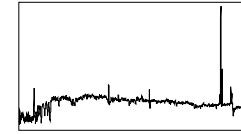
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|-----------|
| 0061.Akn120 | 180 | 2:15 | 05:13:38.0 | -00:12:15 | 300 | 12 | 3.0 | #6 AGN Monitor | 4 | hi Susan! |
| 0062.COMP | 5 | 2:18 | 05:13:38.0 | -00:12:15 | 300 | 12 | 3.0 | #6 AGN Monitor | 4 | |
| 0063.sn2002ap | 900 | 2:20 | 01:36:23.8 | +15:45:13 | 300 | 62 | 3.0 | #2 SN Observat | 2 | |
| 0064.COMP | 10 | 2:36 | 01:36:23.8 | +15:45:13 | 300 | 62 | 3.0 | #2 SN Observat | 2 | |
| 0065.sn2002bj | 1200 | 2:39 | 05:11:46.3 | -15:08:10 | 300 | 19 | 3.0 | #2 SN Observat | 2 | |
| 0066.COMP | 10 | 2:59 | 05:11:46.3 | -15:08:10 | 300 | 19 | 3.0 | #2 SN Observat | 2 | |
| 0067.Hiltner600 | 60 | 3:02 | 06:42:37.2 | 02:11:25 | 300 | -5 | 3.0 | #56 Spectropho | 2 | |
| 0068.Hiltner600 | 60 | 3:03 | 06:42:37.2 | 02:11:25 | 300 | -5 | 3.0 | #56 Spectropho | 2 | |
| 0069.Hiltner600 | 60 | 3:05 | 06:42:37.2 | 02:11:25 | 300 | -5 | 3.0 | #56 Spectropho | 2 | |
| 0070.COMP | 10 | 3:06 | 06:42:37.2 | 02:11:25 | 300 | -5 | 3.0 | #56 Spectropho | 2 | |
| 0071.vso-48720 | 600 | 3:09 | 05:30:14.6 | 00:31:21 | 300 | 0 | 3.0 | 112 Orion PMS | 4 | |
| 0072.COMP | 5 | 3:20 | 05:30:14.6 | 00:31:21 | 300 | 0 | 3.0 | 112 Orion PMS | 4 | |
| 0073.vso-49320 | 600 | 3:20 | 05:30:44.8 | 00:51:50 | 300 | 0 | 3.0 | 112 Orion PMS | 4 | |
| 0074.COMP | 5 | 3:31 | 05:30:44.8 | 00:51:50 | 300 | 0 | 3.0 | 112 Orion PMS | 4 | |
| 0075.vso-51798 | 720 | 3:32 | 05:32:54.2 | 00:28:54 | 300 | 35 | 3.0 | 112 Orion PMS | 4 | |
| 0076.COMP | 5 | 3:45 | 05:32:54.2 | 00:28:54 | 300 | 35 | 3.0 | 112 Orion PMS | 4 | |
| 0077.vso-53893 | 720 | 3:45 | 05:34:47.2 | 00:43:02 | 300 | 35 | 3.0 | 112 Orion PMS | 4 | |
| 0078.COMP | 5 | 3:58 | 05:34:47.2 | 00:43:02 | 300 | 35 | 3.0 | 112 Orion PMS | 4 | |
| 0079.vso-53998 | 600 | 3:59 | 05:34:53.2 | 00:27:36 | 300 | 35 | 3.0 | 112 Orion PMS | 4 | |
| 0080.COMP | 5 | 4:09 | 05:34:53.2 | 00:27:36 | 300 | 35 | 3.0 | 112 Orion PMS | 4 | |

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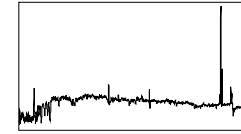
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------------------------------------|
| 0081.vso-72623 | 720 | 4:11 | 05:54:21.0 | 00:29:00 | 300 | 35 | 3.0 | 112 Orion PMS | 4 | |
| 0082.COMP | 5 | 4:23 | 05:54:21.0 | 00:29:00 | 300 | 35 | 3.0 | 112 Orion PMS | 4 | |
| 0083.vso-72820 | 600 | 4:24 | 05:54:33.7 | 00:24:26 | 300 | 35 | 3.0 | 112 Orion PMS | 4 | |
| 0084.COMP | 5 | 4:34 | 05:54:33.7 | 00:24:26 | 300 | 35 | 3.0 | 112 Orion PMS | 4 | |
| 0085.vso-73042 | 600 | 4:35 | 05:54:47.9 | 00:43:09 | 300 | 35 | 3.0 | 112 Orion PMS | 4 | |
| 0086.COMP | 5 | 4:45 | 05:54:47.9 | 00:43:09 | 300 | 35 | 3.0 | 112 Orion PMS | 4 | |
| 0087.vso-73534 | 600 | 4:46 | 05:55:12.6 | 00:42:32 | 300 | 35 | 3.0 | 112 Orion PMS | 4 | |
| 0088.COMP | 5 | 4:56 | 05:55:12.6 | 00:42:32 | 300 | 35 | 3.0 | 112 Orion PMS | 4 | |
| 0089.MRK110 | 360 | 4:58 | 09:25:12.9 | +52:17:10 | 300 | 31 | 3.0 | #6 AGN Monitor | 2 | please ignore little companion to east |
| 0090.COMP | 10 | 5:04 | 09:25:12.9 | +52:17:10 | 300 | 31 | 3.0 | #6 AGN Monitor | 2 | |
| 0091.sn2002bf | 1200 | 5:07 | 10:15:42.3 | +55:40:06 | 300 | 43 | 3.0 | #2 SN Observat | 2 | |
| 0092.COMP | 10 | 5:28 | 10:15:42.3 | +55:40:06 | 300 | 43 | 3.0 | #2 SN Observat | 2 | |
| 0093.Feige34 | 150 | 5:29 | 10:36:41.2 | 43:21:50 | 300 | 67 | 3.0 | #56 Spectropho | 2 | |
| 0094.Feige34 | 120 | 5:32 | 10:36:41.2 | 43:21:50 | 300 | 67 | 3.0 | #56 Spectropho | 2 | |
| 0095.COMP | 5 | 5:35 | 10:36:41.2 | 43:21:50 | 300 | 67 | 3.0 | #56 Spectropho | 2 | |
| 0096.sn2002bh | 1200 | 5:40 | 09:51:06.5 | +09:00:05 | 300 | -18 | 3.0 | #2 SN Observat | 2 | |
| 0097.COMP | 10 | 6:00 | 09:51:06.5 | +09:00:05 | 300 | -18 | 3.0 | #2 SN Observat | 2 | |
| 0098.BIAS | 0 | 6:01 | 9:45:00 | 32:00:00 | 300 | -18 | 3.0 | #2 SN Observat | 2 | 600-line, 2-sec slit for Nelson |
| 0099.COMP | 10 | 6:05 | 9:45:00 | 32:00:00 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0100.HD87141 | 2 | 6:07 | 10:01:17.7 | +54:08:04 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |

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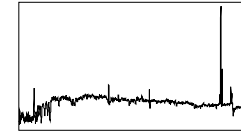
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|---------------|----------|----------|------------|-----------|-----|------|------|---------------|-----|----------|
| 0101.HD87141 | 2 | 6:08 | 10:01:17.7 | +54:08:04 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0102.COMP | 20 | 6:08 | 10:01:17.7 | +54:08:04 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0103.m67_5667 | 480 | 6:10 | 8:51:19.9 | 11:47:00 | 600 | 30 | 2.0 | #10 M67 stars | 2 | |
| 0104.COMP | 20 | 6:19 | 8:51:19.9 | 11:47:00 | 600 | 30 | 2.0 | #10 M67 stars | 2 | |
| 0105.m67_5996 | 900 | 6:20 | 8:51:35.4 | 11:57:56 | 600 | 30 | 2.0 | #10 M67 stars | 2 | |
| 0106.COMP | 20 | 6:35 | 8:51:35.4 | 11:57:56 | 600 | 30 | 2.0 | #10 M67 stars | 2 | |
| 0107.m67_5586 | 900 | 6:36 | 8:51:15.7 | 11:52:58 | 600 | 40 | 2.0 | #10 M67 stars | 2 | |
| 0108.COMP | 20 | 6:52 | 8:51:15.7 | 11:52:58 | 600 | 40 | 2.0 | #10 M67 stars | 2 | |
| 0109.m67_5756 | 900 | 6:53 | 8:51:23.8 | 11:47:15 | 600 | 40 | 2.0 | #10 M67 stars | 2 | |
| 0110.COMP | 20 | 7:09 | 8:51:23.8 | 11:47:15 | 600 | 40 | 2.0 | #10 M67 stars | 2 | |
| 0111.m67_5284 | 900 | 7:10 | 8:50:54.4 | 11:56:28 | 600 | 50 | 2.0 | #10 M67 stars | 2 | |
| 0112.COMP | 20 | 7:25 | 8:50:54.4 | 11:56:28 | 600 | 50 | 2.0 | #10 M67 stars | 2 | |
| 0113.Feige34 | 120 | 7:27 | 10:36:41.2 | 43:21:50 | 600 | -15 | 2.0 | #10 M67 stars | 2 | |
| 0114.Feige34 | 120 | 7:30 | 10:36:41.2 | 43:21:50 | 600 | -15 | 2.0 | #10 M67 stars | 2 | |
| 0115.COMP | 20 | 7:32 | 10:36:41.2 | 43:21:50 | 600 | -15 | 2.0 | #10 M67 stars | 2 | |
| 0116.HD97907 | 2 | 7:34 | 11:13:15.0 | +13:34:50 | 600 | 0 | 2.0 | #10 M67 stars | 2 | |
| 0117.HD97907 | 2 | 7:35 | 11:13:15.0 | +13:34:50 | 600 | 0 | 2.0 | #10 M67 stars | 2 | |
| 0118.HD97907 | 2 | 7:35 | 11:13:15.0 | +13:34:50 | 600 | 0 | 2.0 | #10 M67 stars | 2 | |
| 0119.COMP | 20 | 7:35 | 11:13:15.0 | +13:34:50 | 600 | 0 | 2.0 | #10 M67 stars | 2 | |
| 0120.HD98991 | 2 | 7:37 | 11:20:52.9 | -18:30:18 | 600 | 0 | 2.0 | #10 M67 stars | 2 | |

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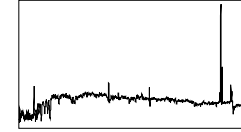
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|----------------|----------|----------|------------|-----------|------|------|------|---------------|-----|-----------------------------------------|
| 0121.HD98991 | 2 | 7:38 | 11:20:52.9 | -18:30:18 | 600 | 0 | 2.0 | #10 M67 stars | 2 | |
| 0122.HD98991 | 2 | 7:38 | 11:20:52.9 | -18:30:18 | 600 | 0 | 2.0 | #10 M67 stars | 2 | |
| 0123.COMP | 20 | 7:39 | 11:20:52.9 | -18:30:18 | 600 | 0 | 2.0 | #10 M67 stars | 2 | |
| 0124.HD99167 | 2 | 7:40 | 11:22:04.9 | -10:35:05 | 600 | 0 | 2.0 | #10 M67 stars | 2 | |
| 0125.HD99167 | 2 | 7:40 | 11:22:04.9 | -10:35:05 | 600 | 0 | 2.0 | #10 M67 stars | 2 | |
| 0126.HD99167 | 2 | 7:40 | 11:22:04.9 | -10:35:05 | 600 | 0 | 2.0 | #10 M67 stars | 2 | |
| 0127.HD99167 | 6 | 7:41 | 11:22:04.9 | -10:35:05 | 600 | 0 | 2.0 | #10 M67 stars | 2 | |
| 0128.HD99167 | 1 | 7:41 | 11:22:04.9 | -10:35:05 | 600 | 0 | 2.0 | #10 M67 stars | 2 | |
| 0129.COMP | 20 | 7:42 | 11:22:04.9 | -10:35:05 | 600 | 0 | 2.0 | #10 M67 stars | 2 | |
| 0130.m67_5997 | 600 | 7:44 | 8:51:35.7 | 11:53:34 | 600 | 0 | 2.0 | #10 M67 stars | 2 | PA=55 |
| 0131.COMP | 20 | 7:55 | 8:51:35.7 | 11:53:34 | 600 | 0 | 2.0 | #10 M67 stars | 2 | |
| 0132.m67_5699 | 600 | 7:56 | 8:51:21.2 | 11:45:52 | 600 | 55 | 2.0 | #10 M67 stars | 2 | |
| 0133.COMP | 20 | 8:06 | 8:51:21.2 | 11:45:52 | 600 | 55 | 2.0 | #10 M67 stars | 2 | |
| 0134-0148.FLAT | 45 | 8:22 | 12:00:00 | 32:00:00 | 600 | 55 | 2.0 | #10 M67 stars | 2 | |
| 0149.BIAS | 0 | 8:25 | 12:00:00 | 32:00:00 | 1200 | 55 | 2.0 | #10 M67 stars | 2 | |
| 0150.COMP | 20 | 8:26 | 12:00:00 | 32:00:00 | 1200 | 55 | 2.0 | #10 M67 stars | 2 | 1200-line; 2-sec slit for Willie Torres |
| 0151.test | 20 | 8:28 | 12:00:00 | 32:00:00 | 1200 | 55 | 2.0 | #10 M67 stars | 2 | |
| 0152.67-972 | 1200 | 8:32 | 8:51:17 | 11:44:29 | 1200 | 62 | 2.0 | #99 Other | 2 | Willie |
| 0153.COMP | 20 | 8:53 | 8:51:17 | 11:44:29 | 1200 | 62 | 2.0 | #99 Other | 2 | |
| 0154-0163.FLAT | 60 | 9:05 | 12:40:00 | 32:00:00 | 1200 | 62 | 2.0 | #99 Other | 2 | |

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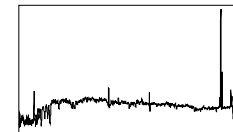
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|----------|-----|------|------|----------------|-----|---------------------------|
| 0164.Feige34 | 120 | 9:11 | 10:36:41.2 | 43:21:50 | 600 | 100 | 2.0 | #122 Halo Star | 4 | 600-line, 2-sec, tilt 430 |
| 0165.Feige34 | 120 | 9:13 | 10:36:41.2 | 43:21:50 | 600 | 100 | 2.0 | #122 Halo Star | 4 | |
| 0166.COMP | 10 | 9:15 | 10:36:41.2 | 43:21:50 | 600 | 100 | 2.0 | #122 Halo Star | 4 | for Warren |
| 0167.hs806 | 1200 | 9:17 | 11:18:00.6 | 28:49:05 | 600 | 80 | 2.0 | #122 Halo Star | 4 | |
| 0168.COMP | 10 | 9:37 | 11:18:00.6 | 28:49:05 | 600 | 80 | 2.0 | #122 Halo Star | 4 | |
| 0169.hs807 | 900 | 9:38 | 11:18:22.9 | 30:29:42 | 600 | 80 | 2.0 | #122 Halo Star | 4 | |
| 0170.COMP | 10 | 9:54 | 11:18:22.9 | 30:29:42 | 600 | 80 | 2.0 | #122 Halo Star | 4 | |
| 0171.hs808 | 900 | 9:55 | 11:19:04.8 | 29:51:52 | 600 | 80 | 2.0 | #122 Halo Star | 4 | |
| 0172.COMP | 10 | 10:11 | 11:19:04.8 | 29:51:52 | 600 | 80 | 2.0 | #122 Halo Star | 4 | |
| 0173.hs809 | 120 | 10:12 | 11:19:05.5 | 30:07:49 | 600 | 80 | 2.0 | #122 Halo Star | 4 | |
| 0174.COMP | 10 | 10:15 | 11:19:05.5 | 30:07:49 | 600 | 80 | 2.0 | #122 Halo Star | 4 | |
| 0175.hs810 | 1200 | 10:16 | 11:20:43.1 | 29:16:15 | 600 | 80 | 2.0 | #122 Halo Star | 4 | |
| 0176.COMP | 10 | 10:37 | 11:20:43.1 | 29:16:15 | 600 | 80 | 2.0 | #122 Halo Star | 4 | |
| 0177.hs811 | 1200 | 10:38 | 11:23:24.8 | 29:05:18 | 600 | 80 | 2.0 | #122 Halo Star | 4 | |
| 0178.COMP | 10 | 10:58 | 11:23:24.8 | 29:05:18 | 600 | 80 | 2.0 | #122 Halo Star | 4 | |
| 0179.BDp332642 | 120 | 11:00 | 15:50:03 | 33:05:49 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0180.COMP | 10 | 11:02 | 15:50:03 | 33:05:49 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0181-0195.FLAT | 40 | 11:14 | 15:50:03 | 33:05:49 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0196.BIAS | 0 | 11:17 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #122 Halo Star | 4 | |
| 0197.COMP | 5 | 11:17 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #122 Halo Star | 4 | |

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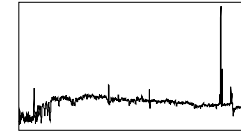
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------------------------------|
| 0198.MRK421 | 300 | 11:19 | 11:04:27.4 | +38:12:32 | 300 | 80 | 3.0 | #133 MRK421 | 4 | |
| 0199.MRK421 | 300 | 11:24 | 11:04:27.4 | +38:12:32 | 300 | 80 | 3.0 | #133 MRK421 | 4 | |
| 0200.MRK421 | 300 | 11:29 | 11:04:27.4 | +38:12:32 | 300 | 80 | 3.0 | #133 MRK421 | 4 | |
| 0201.COMP | 5 | 11:34 | 11:04:27.4 | +38:12:32 | 300 | 80 | 3.0 | #133 MRK421 | 4 | |
| 0202.sn2002bi | 1200 | 11:38 | 13:32:54.4 | +09:31:18 | 300 | 45 | 3.0 | #2 SN Observat | 2 | |
| 0203.COMP | 10 | 11:59 | 13:32:54.4 | +09:31:18 | 300 | 45 | 3.0 | #2 SN Observat | 2 | |
| 0204.sn2002bg | 1200 | 12:02 | 14:59:39.2 | +13:12:44 | 300 | 25 | 3.0 | #2 SN Observat | 2 | |
| 0205.COMP | 10 | 12:23 | 14:59:39.2 | +13:12:44 | 300 | 25 | 3.0 | #2 SN Observat | 2 | |
| 0206.BDp332642 | 120 | 12:24 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0207.BDp332642 | 90 | 12:27 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0208.COMP | 10 | 12:29 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0209.N5548 | 120 | 12:30 | 14:17:59.6 | +25:08:12 | 300 | 68 | 3.0 | #6 AGN Monitor | 4 | binning problem, like last month |
| 0210.N5548 | 120 | 12:34 | 14:17:59.6 | +25:08:12 | 300 | 68 | 3.0 | #6 AGN Monitor | 2 | |
| 0211.N5548 | 120 | 12:36 | 14:17:59.6 | +25:08:12 | 300 | 68 | 3.0 | #6 AGN Monitor | 2 | |
| 0212.N5548 | 300 | 12:38 | 14:17:59.6 | +25:08:12 | 300 | 68 | 3.0 | #6 AGN Monitor | 2 | |
| 0213.COMP | 10 | 12:44 | 14:17:59.6 | +25:08:12 | 300 | 68 | 3.0 | #6 AGN Monitor | 2 | |
| 0214-0223.BIAS | 0 | 12:48 | 14:17:59.6 | +25:08:12 | 300 | 68 | 3.0 | #6 AGN Monitor | 2 | |
| 0224-0233.FLAT | 16 | 12:52 | 14:17:59.6 | +25:08:12 | 300 | 68 | 3.0 | #6 AGN Monitor | 2 | |
| 0234.test | 8 | 12:53 | 14:17:59.6 | +25:08:12 | 300 | 68 | 3.0 | #6 AGN Monitor | 4 | |
| 0235.test | 8 | 12:55 | 16:27:58.0 | 31:30:59 | 300 | 68 | 3.0 | #6 AGN Monitor | 4 | |

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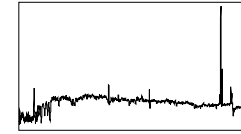
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|----------|-----|------|------|----------------|-----|----------------------------------------------|
| 0236.FLAT | 8 | 12:56 | 16:28:33.0 | 31:30:59 | 300 | 68 | 3.0 | #6 AGN Monitor | 4 | a few thin clouds @ dawn |
| 0237-0238.FLAT | 8 | 12:56 | 16:29:03.0 | 31:30:59 | 300 | 68 | 3.0 | #6 AGN Monitor | 4 | |
| 0239-0245.FLAT | 8 | 12:58 | 16:30:47.0 | 31:30:58 | 300 | 68 | 3.0 | #6 AGN Monitor | 4 | |
| 0246.BIAS | 0 | 12:59 | 16:31:31.0 | 31:30:58 | 300 | 68 | 3.0 | #6 AGN Monitor | 4 | plus all of that forest fire smoke to the se |
| 0247-0255.BIAS | 0 | 13:00 | 16:32:36.0 | 31:30:58 | 300 | 68 | 3.0 | #6 AGN Monitor | 4 | |
| 0256.DARK | 900 | 13:15 | 17:02:24.0 | 31:30:54 | 300 | 68 | 3.0 | #6 AGN Monitor | 4 | |
| 0257.DARK | 900 | 13:30 | 17:17:36.0 | 31:30:51 | 300 | 68 | 3.0 | #6 AGN Monitor | 4 | |
| 0258.DARK | 900 | 13:45 | 17:32:43.0 | 31:30:49 | 300 | 68 | 3.0 | #6 AGN Monitor | 4 | |
| 0259.DARK | 900 | 14:00 | 17:47:55.0 | 31:30:46 | 300 | 68 | 3.0 | #6 AGN Monitor | 4 | |
| 0260.DARK | 900 | 14:15 | 18:03:03.0 | 31:30:43 | 300 | 68 | 3.0 | #6 AGN Monitor | 4 | |
| 0261.DARK | 900 | 14:30 | 18:18:14.0 | 31:30:41 | 300 | 68 | 3.0 | #6 AGN Monitor | 4 | |
| 0262.DARK | 900 | 14:45 | 18:33:21.0 | 31:30:38 | 300 | 68 | 3.0 | #6 AGN Monitor | 4 | |
| 0263.DARK | 900 | 15:00 | 18:48:32.0 | 31:30:35 | 300 | 68 | 3.0 | #6 AGN Monitor | 4 | |
| 0264.DARK | 900 | 15:16 | 19:03:40.0 | 31:30:33 | 300 | 68 | 3.0 | #6 AGN Monitor | 4 | |
| 0265.DARK | 900 | 15:31 | 19:18:51.0 | 31:30:30 | 300 | 68 | 3.0 | #6 AGN Monitor | 4 | |
| 0266.DARK | 900 | 15:46 | 19:33:58.0 | 31:30:27 | 300 | 68 | 3.0 | #6 AGN Monitor | 4 | |
| 0267.DARK | 900 | 16:01 | 19:49:09.0 | 31:30:24 | 300 | 68 | 3.0 | #6 AGN Monitor | 4 | |
| 0268.DARK | 900 | 16:16 | 20:04:17.0 | 31:30:22 | 300 | 68 | 3.0 | #6 AGN Monitor | 4 | |
| 0269.DARK | 900 | 16:31 | 20:19:28.0 | 31:30:19 | 300 | 68 | 3.0 | #6 AGN Monitor | 4 | |
| 0270.DARK | 900 | 16:46 | 20:34:35.0 | 31:30:17 | 300 | 68 | 3.0 | #6 AGN Monitor | 4 | |

UT Date 2002-03-06 Observers P BerlindColl. Focus 1000 Grating/Grism 300

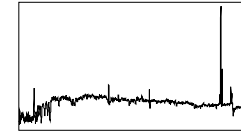
| <i>File</i> | <i>Exp Time</i> | <i>UT Start</i> | <i>RA</i> | <i>Dec</i> | <i>Gr.</i> | <i>P.A.</i> | <i>Slit</i> | <i>Program</i> | <i>Bin</i> | <i>Comments</i> |
|-------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0271.DARK | 900 | 17:01 | 20:49:46.0 | 31:30:14 | 300 | 68 | 3.0 | #6 AGN Monitor | 4 | |
| 0272.DARK | 900 | 17:16 | 21:04:57.0 | 31:30:12 | 300 | 68 | 3.0 | #6 AGN Monitor | 4 | |
| 0273.DARK | 900 | 17:32 | 21:20:05.0 | 31:30:09 | 300 | 68 | 3.0 | #6 AGN Monitor | 4 | |
| 0274.DARK | 900 | 17:47 | 21:35:16.0 | 31:30:07 | 300 | 68 | 3.0 | #6 AGN Monitor | 4 | |
| 0275.DARK | 900 | 18:02 | 21:50:23.0 | 31:30:05 | 300 | 68 | 3.0 | #6 AGN Monitor | 4 | |

UT Date 2002-03-07 Observers P BerlindColl. Focus 1000 Grating/Grism 300

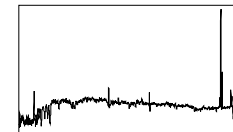
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|----------|-----|------|------|----------------|-----|------------------|
| 0001.DARK | 900 | 23:05 | 02:54:50.0 | 31:29:56 | 300 | 68 | 3.0 | #6 AGN Monitor | 4 | |
| 0002.DARK | 900 | 23:21 | 03:10:01.0 | 31:29:58 | 300 | 68 | 3.0 | #6 AGN Monitor | 4 | |
| 0003.DARK | 900 | 23:36 | 03:25:08.0 | 31:29:59 | 300 | 68 | 3.0 | #6 AGN Monitor | 4 | |
| 0004.DARK | 900 | 23:51 | 03:40:19.0 | 31:30:01 | 300 | 68 | 3.0 | #6 AGN Monitor | 4 | |
| 0005.DARK | 900 | 0:06 | 03:55:27.0 | 31:30:03 | 300 | 68 | 3.0 | #6 AGN Monitor | 4 | |
| 0006.DARK | 900 | 0:21 | 04:10:37.0 | 31:30:05 | 300 | 68 | 3.0 | #6 AGN Monitor | 4 | |
| 0007.DARK | 900 | 0:36 | 04:25:45.0 | 31:30:07 | 300 | 68 | 3.0 | #6 AGN Monitor | 4 | |
| 0008.DARK | 900 | 0:51 | 04:40:56.0 | 31:30:09 | 300 | 68 | 3.0 | #6 AGN Monitor | 4 | |
| 0009.DARK | 900 | 1:06 | 04:56:03.0 | 31:30:11 | 300 | 68 | 3.0 | #6 AGN Monitor | 4 | |
| 0010.DARK | 900 | 1:21 | 05:11:14.0 | 31:30:13 | 300 | 68 | 3.0 | #6 AGN Monitor | 4 | |
| 0011.BIAS | 0 | 2:08 | 05:43:11.0 | 31:30:19 | 300 | 90 | 3.0 | #6 AGN Monitor | 4 | solid clouds |
| 0012-0020.BIAS | 0 | 2:09 | 05:44:16.0 | 31:30:19 | 300 | 90 | 3.0 | #6 AGN Monitor | 4 | |
| 0021-0030.FLAT | 8 | 2:15 | 05:50:07.0 | 31:30:20 | 300 | 90 | 3.0 | #6 AGN Monitor | 4 | |
| 0031-0040.BIAS | 0 | 2:18 | 05:53:18.0 | 31:30:20 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0041.test | 10 | 2:20 | 05:55:06.0 | 31:30:21 | 300 | 90 | 3.0 | #6 AGN Monitor | 1 | |
| 0042.test | 10 | 2:21 | 05:55:45.0 | 31:30:21 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | binning problems |
| 0043-0044.BIAS | 0 | 2:24 | 05:59:18.0 | 31:30:21 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0045-0052.BIAS | 0 | 2:26 | 06:01:02.0 | 31:30:22 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0053-0057.FLAT | 16 | 2:30 | 06:04:52.0 | 31:30:22 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0058-0062.FLAT | 16 | 2:32 | 06:07:15.0 | 31:30:23 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |

UT Date 2002-03-07 Observers P BerlindColl. Focus 1000 Grating/Grism 300

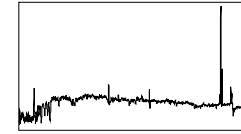
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|-------------------|
| 0063.COMP | 5 | 2:36 | 06:11:32.0 | 31:30:24 | 300 | 90 | 3.0 | #6 AGN Monitor | 4 | |
| 0064.COMP | 5 | 2:43 | 06:17:49.0 | 31:30:25 | 300 | 90 | 3.0 | #6 AGN Monitor | 4 | |
| 0066.test | 5 | 3:26 | 6:03:31 | 27:41:50 | 300 | 90 | 3.0 | #100 BGGem | 4 | |
| 0067.test | 10 | 3:27 | 6:03:31 | 27:41:50 | 300 | 90 | 3.0 | #100 BGGem | 1 | |
| 0068.test | 5 | 3:27 | 6:03:31 | 27:41:50 | 300 | 90 | 3.0 | #100 BGGem | 1 | |
| 0069.test | 20 | 3:28 | 6:03:31 | 27:41:50 | 300 | 90 | 3.0 | #100 BGGem | 4 | |
| 0070.test | 60 | 3:30 | 6:03:31 | 27:41:50 | 300 | 90 | 3.0 | #100 BGGem | 4 | |
| 0071.test | 90 | 3:32 | 6:03:31 | 27:41:50 | 300 | 90 | 3.0 | #100 BGGem | 4 | test exp for Vit |
| 0072.COMP | 5 | 3:35 | 6:03:31 | 27:41:50 | 300 | 90 | 3.0 | #100 BGGem | 4 | weak star in comp |
| 0073.1791 | 1 | 3:39 | 5:26:08.0 | +28:36:20 | 300 | 90 | 3.0 | #100 BGGem | 4 | |
| 0074.COMP | 5 | 3:43 | 5:26:08.0 | +28:36:20 | 300 | 90 | 3.0 | #100 BGGem | 4 | star in comp |
| 0075.2483 | 10 | 3:48 | 6:46:33.5 | +43:34:48 | 300 | 90 | 3.0 | #100 BGGem | 4 | |
| 0076.COMP | 5 | 3:49 | 6:46:33.5 | +43:34:48 | 300 | 90 | 3.0 | #100 BGGem | 4 | star in comp |
| 0077.2487 | 15 | 3:52 | 6:47:28.2 | +48:47:33 | 300 | 90 | 3.0 | #100 BGGem | 4 | |
| 0078.test | 10 | 6:10 | 09:45:24.0 | 31:31:00 | 600 | 90 | 2.0 | #100 BGGem | 4 | |
| 0079-0085.FLAT | 45 | 6:30 | 10:06:15.0 | 31:31:02 | 600 | 90 | 2.0 | #10 M67 Stars | 2 | |
| 0086-0093.FLAT | 45 | 6:38 | 10:14:21.0 | 31:31:03 | 600 | 90 | 2.0 | #10 M67 Stars | 2 | |
| 0094.FLAT | 40 | 6:43 | 10:19:12.0 | 31:31:04 | 600 | 90 | 2.0 | #122 - Halo St | 4 | ok |
| 0095-0099.FLAT | 40 | 6:47 | 10:23:06.0 | 31:31:04 | 600 | 90 | 2.0 | #122 - Halo St | 4 | |
| 0100-0108.FLAT | 40 | 6:54 | 10:30:11.0 | 31:31:05 | 600 | 90 | 2.0 | #122 - Halo St | 4 | |

UT Date 2002-03-07 Observers P BerlindColl. Focus 1000 Grating/Grism 300

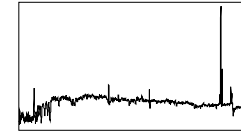
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------------------------|
| 0109.N4051 | 180 | 9:30 | 12:03:09.7 | +44:31:53 | 300 | 100 | 3.0 | #6 AGN Monitor | 4 | stop and go through clouds |
| 0110.N4051 | 180 | 9:33 | 12:03:09.7 | +44:31:53 | 300 | 100 | 3.0 | #6 AGN Monitor | 4 | |
| 0111.COMP | 5 | 9:37 | 12:03:09.7 | +44:31:53 | 300 | 100 | 3.0 | #6 AGN Monitor | 4 | |
| 0112.N4151 | 60 | 9:37 | 12:10:32.6 | +39:24:21 | 300 | 100 | 3.0 | #6 AGN Monitor | 4 | |
| 0113.N4151 | 60 | 9:39 | 12:10:32.6 | +39:24:21 | 300 | 100 | 3.0 | #6 AGN Monitor | 4 | |
| 0114.COMP | 5 | 9:40 | 12:10:32.6 | +39:24:21 | 300 | 100 | 3.0 | #6 AGN Monitor | 4 | |
| 0115.snu5499 | 1200 | 9:41 | 10:12:17.3 | +27:51:50 | 300 | 78 | 3.0 | #2 SN Observat | 2 | interesting... |
| 0116.COMP | 10 | 10:02 | 10:12:17.3 | +27:51:50 | 300 | 78 | 3.0 | #2 SN Observat | 2 | |
| 0117.snu5499 | 600 | 10:03 | 10:12:17.3 | +27:51:50 | 300 | 78 | 3.0 | #2 SN Observat | 2 | |
| 0118.COMP | 10 | 10:13 | 10:12:17.3 | +27:51:50 | 300 | 78 | 3.0 | #2 SN Observat | 2 | |
| 0119.BDp332642 | 60 | 10:15 | 15:50:03 | 33:05:49 | 300 | 105 | 3.0 | #56 Spectropho | 2 | |
| 0120.BDp332642 | 180 | 10:16 | 15:50:03 | 33:05:49 | 300 | 105 | 3.0 | #56 Spectropho | 2 | |
| 0121.BDp332642 | 180 | 10:20 | 15:50:03 | 33:05:49 | 300 | 105 | 3.0 | #56 Spectropho | 2 | |
| 0122.COMP | 10 | 10:23 | 15:50:03 | 33:05:49 | 300 | 105 | 3.0 | #56 Spectropho | 2 | more clouds |
| 0123-0132.BIAS | 0 | 11:51 | 15:39:32.8 | -11:34:25 | 300 | 105 | 3.0 | #56 Spectropho | 2 | |
| 0133-0142.FLAT | 16 | 11:56 | 15:39:32.8 | -11:34:25 | 300 | 105 | 3.0 | #56 Spectropho | 2 | |
| 0143-0152.BIAS | 0 | 11:58 | 15:39:32.8 | -11:34:25 | 300 | 105 | 3.0 | #56 Spectropho | 4 | |
| 0153-0162.FLAT | 8 | 12:01 | 15:39:32.8 | -11:34:25 | 300 | 105 | 3.0 | #56 Spectropho | 4 | |
| 0163.test | 5 | 12:13 | 15:49:45.0 | 31:31:04 | 300 | 105 | 3.0 | #56 Spectropho | 2 | |
| 0164.DARK | 1200 | 12:21 | 16:17:14.0 | 31:31:00 | 300 | 105 | 3.0 | #56 Spectropho | 2 | |

UT Date 2002-03-07 Observers P BerlindColl. Focus 1000 Grating/Grism 300

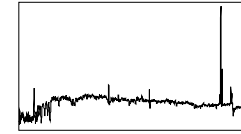
| <i>File</i> | <i>Exp Time</i> | <i>UT Start</i> | <i>RA</i> | <i>Dec</i> | <i>Gr.</i> | <i>P.A.</i> | <i>Slit</i> | <i>Program</i> | <i>Bin</i> | <i>Comments</i> |
|-------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0165.DARK | 1200 | 12:41 | 16:37:34.0 | 31:30:57 | 300 | 105 | 3.0 | #56 Spectropho | 2 | |
| 0166.DARK | 1200 | 13:01 | 16:57:49.0 | 31:30:54 | 300 | 105 | 3.0 | #56 Spectropho | 2 | |
| 0167.DARK | 1200 | 13:21 | 17:18:04.0 | 31:30:51 | 300 | 105 | 3.0 | #56 Spectropho | 2 | |
| 0168.DARK | 1200 | 13:42 | 17:38:20.0 | 31:30:48 | 300 | 105 | 3.0 | #56 Spectropho | 2 | |
| 0169.DARK | 1200 | 14:02 | 17:58:35.0 | 31:30:44 | 300 | 105 | 3.0 | #56 Spectropho | 2 | |
| 0170.DARK | 1200 | 14:22 | 18:18:51.0 | 31:30:41 | 300 | 105 | 3.0 | #56 Spectropho | 2 | |
| 0171.DARK | 1200 | 14:42 | 18:39:10.0 | 31:30:37 | 300 | 105 | 3.0 | #56 Spectropho | 2 | |
| 0172.DARK | 1200 | 15:02 | 18:59:25.0 | 31:30:33 | 300 | 105 | 3.0 | #56 Spectropho | 2 | |
| 0173.DARK | 1200 | 15:23 | 19:19:40.0 | 31:30:30 | 300 | 105 | 3.0 | #56 Spectropho | 2 | |

UT Date 2002-03-09 Observers V HradeckyColl. Focus 1000 Grating/Grism 300

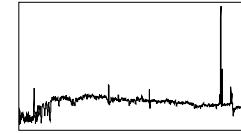
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------------------------------------------------------|
| 0001-0010.BIAS | 0 | 22:45 | 02:27:01.0 | 31:29:54 | 300 | 90 | 3.0 | All | 4 | |
| 0011-0020.FLAT | 8 | 23:02 | 02:44:14.0 | 31:29:55 | 300 | 90 | 3.0 | All | 4 | |
| 0021-0030.BIAS | 0 | 23:12 | 02:54:22.0 | 31:29:56 | 300 | 90 | 3.0 | All | 2 | |
| 0031-0036.FLAT | 16 | 23:15 | 02:57:41.0 | 31:29:56 | 300 | 90 | 3.0 | All | 2 | |
| 0037-0040.FLAT | 16 | 23:17 | 02:59:34.0 | 31:29:57 | 300 | 90 | 3.0 | All | 2 | |
| 0041.DARK | 900 | 23:20 | 03:16:55.0 | 31:29:58 | 300 | 90 | 3.0 | All | 2 | |
| 0042.DARK | 900 | 23:35 | 03:32:07.0 | 31:30:00 | 300 | 90 | 3.0 | All | 2 | |
| 0043.DARK | 900 | 23:50 | 03:47:22.0 | 31:30:02 | 300 | 90 | 3.0 | All | 2 | |
| 0044.DARK | 900 | 0:05 | 04:02:38.0 | 31:30:03 | 300 | 90 | 3.0 | All | 2 | |
| 0045.DARK | 900 | 0:20 | 04:17:53.0 | 31:30:05 | 300 | 90 | 3.0 | All | 2 | |
| 0046.DARK | 900 | 0:36 | 04:33:08.0 | 31:30:08 | 300 | 90 | 3.0 | All | 2 | |
| 0047.COMP | 5 | 1:34 | 05:16:50.0 | 31:30:14 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0048.COMP | 5 | 1:39 | 05:21:32.0 | 31:30:15 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0049.sky | 2 | 1:51 | 03:00:00 | +31:30:00 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0050-0051.sky | 10 | 1:53 | 03:00:00 | +31:30:00 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0052-0055.sky | 20 | 1:56 | 03:00:00 | +31:30:00 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0056.COMP | 5 | 1:58 | 03:00:00 | +31:30:00 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0057.FLAT | 16 | 3:46 | 07:29:28.0 | 31:30:37 | 300 | 90 | 3.0 | All | 2 | Telescope slewing problem - had to restart TCS and point |
| 0058.COMP | 5 | 4:52 | 06:57:51 | +27:13:42 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0059.HD52971 | 2 | 4:54 | 06:57:51 | +27:13:42 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |

UT Date 2002-03-09 Observers V HradeckyColl. Focus 1000 Grating/Grism 300

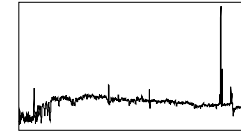
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|-----------------------------------------------|
| 0060.HD52971 | 2 | 4:55 | 06:57:51 | +27:13:42 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0061.Hiltner600 | 60 | 5:07 | 06:42:37.2 | 02:11:25 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0062.COMP | 5 | 5:10 | 06:42:37.2 | 02:11:25 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0063.Hiltner600 | 60 | 5:10 | 06:42:37.2 | 02:11:25 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0064.COMP | 5 | 5:12 | 06:42:37.2 | 02:11:25 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0065.Feige34 | 80 | 5:38 | 10:36:41.2 | 43:21:50 | 300 | 59 | 3.0 | #56 Spectropho | 2 | |
| 0066.COMP | 5 | 5:40 | 10:36:41.2 | 43:21:50 | 300 | 59 | 3.0 | #56 Spectropho | 2 | |
| 0067.Feige34 | 80 | 5:41 | 10:36:41.2 | 43:21:50 | 300 | 59 | 3.0 | #56 Spectropho | 2 | |
| 0068.COMP | 5 | 5:43 | 10:36:41.2 | 43:21:50 | 300 | 59 | 3.0 | #56 Spectropho | 2 | |
| 0069.sn2002bf | 1200 | 5:51 | 10:15:42.3 | +55:40:0 | 300 | 21 | 3.0 | #2 SN Observat | 2 | |
| 0070.COMP | 10 | 6:11 | 10:15:42.3 | +55:40:0 | 300 | 21 | 3.0 | #2 SN Observat | 2 | |
| 0071.sn2002bn | 1200 | 6:37 | 11:32:39.0 | +52:56:54 | 300 | 37 | 3.0 | #2 SN Observat | 2 | SN at y=82, some galaxy light on slit at y=92 |
| 0072.COMP | 10 | 7:00 | 12:30:16.9 | -08:23:34 | 300 | 37 | 3.0 | #2 SN Observat | 2 | |
| 0073.sn2002bm | 1200 | 7:08 | 12:30:16.9 | -08:23:34 | 300 | -30 | 3.0 | #2 SN Observat | 2 | SN at y=82 |
| 0074.COMP | 10 | 7:28 | 12:30:16.9 | -08:23:34 | 300 | -30 | 3.0 | #2 SN Observat | 2 | |
| 0075.BIAS | 0 | 7:31 | 12:30:16.9 | -08:23:34 | 300 | -30 | 3.0 | #2 SN Observat | 2 | |
| 0076.COMP | 10 | 7:31 | 12:30:16.9 | -08:23:34 | 300 | -30 | 3.0 | #2 SN Observat | 2 | |
| 0077.BIAS | 0 | 7:44 | 11:15:00 | +31:30:00 | 600 | 90 | 2.0 | #10 M67 Stars | 2 | |
| 0078.COMP | 5 | 7:45 | 11:15:00 | +31:30:00 | 600 | 90 | 2.0 | #10 M67 Stars | 2 | |
| 0079-0085.FLAT | 45 | 7:55 | 11:15:00 | +31:30:00 | 600 | 90 | 2.0 | #10 M67 Stars | 2 | |

UT Date 2002-03-09 Observers V HradeckyColl. Focus 1000 Grating/Grism 300

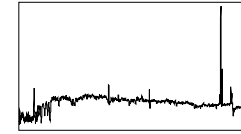
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|---------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0086.m67_5716 | 600 | 8:02 | 8:51:22.0 | 11:46:40 | 600 | 55 | 2.0 | #10 M67 stars | 2 | |
| 0087.COMP | 30 | 8:13 | 8:51:22.0 | 11:46:40 | 600 | 55 | 2.0 | #10 M67 stars | 2 | |
| 0088.m67_5716 | 600 | 8:18 | 8:51:22.0 | 11:46:40 | 600 | 58 | 2.0 | #10 M67 stars | 2 | |
| 0089.COMP | 30 | 8:29 | 8:51:22.0 | 11:46:40 | 600 | 58 | 2.0 | #10 M67 stars | 2 | |
| 0090.HD87141 | 2 | 8:39 | 10:01:17.7 | +54:08:04 | 600 | -59 | 2.0 | #10 M67 stars | 2 | |
| 0091.HD87141 | 2 | 8:39 | 10:01:17.7 | +54:08:04 | 600 | -59 | 2.0 | #10 M67 stars | 2 | |
| 0092.COMP | 30 | 8:40 | 10:01:17.7 | +54:08:04 | 600 | -59 | 2.0 | #10 M67 stars | 2 | |
| 0093.m67_5222 | 900 | 8:47 | 8:50:50.7 | 11:35:03 | 600 | 59 | 2.0 | #10 M67 stars | 2 | |
| 0094.COMP | 30 | 9:03 | 8:50:50.7 | 11:35:03 | 600 | 59 | 2.0 | #10 M67 stars | 2 | |
| 0095.HD97907 | 2 | 9:05 | 11:13:15.0 | +13:34:50 | 600 | 45 | 2.0 | #10 M67 stars | 2 | |
| 0096.HD97907 | 2 | 9:06 | 11:13:15.0 | +13:34:50 | 600 | 45 | 2.0 | #10 M67 stars | 2 | |
| 0097.HD97907 | 2 | 9:06 | 11:13:15.0 | +13:34:50 | 600 | 45 | 2.0 | #10 M67 stars | 2 | |
| 0098.COMP | 30 | 9:07 | 11:13:15.0 | +13:34:50 | 600 | 45 | 2.0 | #10 M67 stars | 2 | |
| 0099.HD99167 | 2 | 9:09 | 11:22:04.9 | -10:35:05 | 600 | 26 | 2.0 | #10 M67 stars | 2 | |
| 0100.HD99167 | 2 | 9:10 | 11:22:04.9 | -10:35:05 | 600 | 26 | 2.0 | #10 M67 stars | 2 | |
| 0101.HD99167 | 2 | 9:10 | 11:22:04.9 | -10:35:05 | 600 | 26 | 2.0 | #10 M67 stars | 2 | |
| 0102.HD99167 | 2 | 9:10 | 11:22:04.9 | -10:35:05 | 600 | 26 | 2.0 | #10 M67 stars | 2 | |
| 0103.COMP | 30 | 9:10 | 11:22:04.9 | -10:35:05 | 600 | 26 | 2.0 | #10 M67 stars | 2 | |
| 0104.Feige34 | 120 | 9:17 | 10:36:41.2 | 43:21:50 | 600 | 101 | 2.0 | #56 Spectropho | 2 | |
| 0105.Feige34 | 120 | 9:20 | 10:36:41.2 | 43:21:50 | 600 | 101 | 2.0 | #56 Spectropho | 2 | |

UT Date 2002-03-09 Observers V HradeckyColl. Focus 1000 Grating/Grism 300

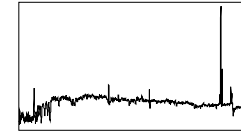
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|----------|-----|------|------|----------------|-----|---------------------------------------------|
| 0106.COMP | 30 | 9:23 | 10:36:41.2 | 43:21:50 | 600 | 101 | 2.0 | #56 Spectropho | 2 | |
| 0107.BIAS | 0 | 9:24 | 10:36:41.2 | 43:21:50 | 600 | 101 | 2.0 | #56 Spectropho | 2 | |
| 0108.BIAS | 0 | 9:24 | 10:36:41.2 | 43:21:50 | 600 | 101 | 2.0 | #56 Spectropho | 4 | |
| 0109.COMP | 10 | 9:25 | 10:36:41.2 | 43:21:50 | 600 | 101 | 2.0 | #56 Spectropho | 4 | |
| 0115.Feige34 | 120 | 9:32 | 10:36:41.2 | 43:21:50 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0116.COMP | 10 | 9:35 | 10:36:41.2 | 43:21:50 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0117.Feige34 | 120 | 9:35 | 10:36:41.2 | 43:21:50 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0118.COMP | 10 | 9:39 | 10:36:41.2 | 43:21:50 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0119-0128.FLAT | 40 | 9:49 | 10:36:41.2 | 43:21:50 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0129-0132.FLAT | 45 | 9:54 | 10:36:41.2 | 43:21:50 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0133.COMP | 5 | 9:56 | 10:36:41.2 | 43:21:50 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0134.BIAS | 0 | 9:57 | 10:36:41.2 | 43:21:50 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0135.COMP | 5 | 9:57 | 10:36:41.2 | 43:21:50 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0136.BIAS | 0 | 9:57 | 10:36:41.2 | 43:21:50 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0137.hs812 | 1200 | 10:00 | 11:23:31.6 | 29:18:00 | 600 | 90 | 2.0 | #122 Halo Star | 2 | binning problem again - this frame bin by 2 |
| 0139.hs814 | 900 | 10:27 | 11:24:32.3 | 29:48:39 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0140.COMP | 10 | 10:48 | 11:24:32.3 | 29:48:39 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0141.hs817 | 720 | 10:54 | 11:31:43.1 | 29:55:40 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0142.COMP | 10 | 11:06 | 11:31:43.1 | 29:55:40 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0143-0151.FLAT | 40 | 11:18 | 11:31:43.1 | 29:55:40 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |

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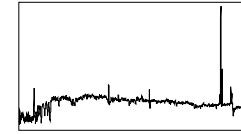
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|---------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0152.FLAT | 40 | 11:19 | 11:31:30.8 | 29:07:22 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0153.hs816 | 1200 | 11:22 | 11:31:30.8 | 29:07:22 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0154.COMP | 10 | 11:42 | 11:31:30.8 | 29:07:22 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0155.BIAS | 0 | 11:56 | 15:38:31.0 | 31:29:59 | 300 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0156.COMP | 5 | 11:56 | 15:39:14.0 | 31:29:59 | 300 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0157.N4151 | 30 | 12:17 | 12:10:32.6 | +39:24:21 | 300 | 82 | 2.0 | #6 AGN Monitor | 2 | |
| 0158.N4151 | 30 | 12:17 | 12:10:32.6 | +39:24:21 | 300 | 82 | 2.0 | #6 AGN Monitor | 2 | |
| 0159.N4151 | 30 | 12:18 | 12:10:32.6 | +39:24:21 | 300 | 82 | 2.0 | #6 AGN Monitor | 2 | |
| 0160.COMP | 10 | 12:20 | 12:10:32.6 | +39:24:21 | 300 | 82 | 2.0 | #6 AGN Monitor | 2 | |
| 0161.N5548 | 180 | 12:25 | 14:17:59.6 | +25:08:12 | 300 | 68 | 2.0 | #6 AGN Monitor | 2 | |
| 0162.N5548 | 180 | 12:29 | 14:17:59.6 | +25:08:12 | 300 | 68 | 2.0 | #6 AGN Monitor | 2 | |
| 0163.COMP | 10 | 12:33 | 14:17:59.6 | +25:08:12 | 300 | 68 | 2.0 | #6 AGN Monitor | 2 | |
| 0164.N5548 | 180 | 12:33 | 14:17:59.6 | +25:08:12 | 300 | 68 | 2.0 | #6 AGN Monitor | 2 | |
| 0165.COMP | 10 | 12:37 | 20:10:46.8 | 40:07:01 | 300 | 68 | 2.0 | #6 AGN Monitor | 2 | |
| 0166.HD192281 | 4 | 12:42 | 20:10:46.8 | 40:07:01 | 300 | -82 | 3.0 | #56 Spectropho | 2 | |
| 0167.HD192281 | 4 | 12:43 | 20:10:46.8 | 40:07:01 | 300 | -82 | 3.0 | #56 Spectropho | 2 | |
| 0168.COMP | 10 | 12:44 | 20:10:46.8 | 40:07:01 | 300 | -82 | 3.0 | #56 Spectropho | 2 | |
| 0169.N5866 | 20 | 12:51 | 15:05:07.2 | +55:57:18 | 300 | -40 | 3.0 | #57 Velocity S | 2 | |
| 0170.N5866 | 20 | 12:53 | 15:05:07.2 | +55:57:18 | 300 | -40 | 3.0 | #57 Velocity S | 2 | |
| 0171.N5866 | 600 | 12:54 | 15:05:07.2 | +55:57:18 | 300 | -40 | 3.0 | #57 Velocity S | 2 | |

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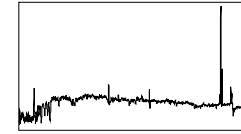
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0172.COMP | 10 | 13:00 | 15:05:07.2 | +55:57:18 | 300 | -40 | 3.0 | #57 Velocity S | 2 | |
| 0173-0175.FLAT | 16 | 13:18 | 17:02:41.0 | 31:30:54 | 300 | -40 | 3.0 | #57 Velocity S | 2 | |
| 0176-0188.FLAT | 16 | 13:24 | 17:08:54.0 | 31:30:53 | 300 | -40 | 3.0 | #57 Velocity S | 2 | |
| 0189-0192.FLAT | 16 | 13:26 | 17:10:47.0 | 31:30:52 | 300 | -40 | 3.0 | #57 Velocity S | 2 | |
| 0193-0202.BIAS | 0 | 13:29 | 17:13:58.0 | 31:30:52 | 300 | -40 | 3.0 | #57 Velocity S | 2 | |
| 0203-0207.FLAT | 6 | 13:31 | 17:15:20.0 | 31:30:52 | 300 | -40 | 3.0 | #57 Velocity S | 4 | |
| 0208-0222.FLAT | 6 | 13:34 | 17:18:35.0 | 31:30:51 | 300 | -40 | 3.0 | #57 Velocity S | 4 | |
| 0223-0232.BIAS | 0 | 13:36 | 17:20:11.0 | 31:30:51 | 300 | -40 | 3.0 | #57 Velocity S | 4 | |
| 0233.DARK | 900 | 13:39 | 17:38:51.0 | 31:30:48 | 300 | -40 | 3.0 | #57 Velocity S | 4 | |
| 0234.DARK | 900 | 13:54 | 17:54:00.0 | 31:30:45 | 300 | -40 | 3.0 | #57 Velocity S | 4 | |
| 0235.DARK | 900 | 14:09 | 18:09:11.0 | 31:30:42 | 300 | -40 | 3.0 | #57 Velocity S | 4 | |
| 0236.DARK | 900 | 14:25 | 18:24:19.0 | 31:30:40 | 300 | -40 | 3.0 | #57 Velocity S | 4 | |
| 0237.DARK | 900 | 14:40 | 18:39:30.0 | 31:30:37 | 300 | -40 | 3.0 | #57 Velocity S | 4 | |
| 0238.DARK | 900 | 14:55 | 18:54:37.0 | 31:30:34 | 300 | -40 | 3.0 | #57 Velocity S | 4 | |
| 0239.DARK | 900 | 15:10 | 19:09:48.0 | 31:30:32 | 300 | -40 | 3.0 | #57 Velocity S | 4 | |
| 0240.DARK | 900 | 15:25 | 19:24:50.0 | 31:30:29 | 300 | -40 | 3.0 | #57 Velocity S | 4 | |
| 0241.DARK | 900 | 15:40 | 19:40:07.0 | 31:30:26 | 300 | -40 | 3.0 | #57 Velocity S | 4 | |
| 0242.DARK | 900 | 15:55 | 19:55:18.0 | 31:30:24 | 300 | -40 | 3.0 | #57 Velocity S | 4 | |

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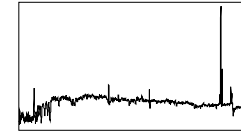
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------------------|
| 0001.DARK | 900 | 0:15 | 04:16:39.0 | 31:30:05 | 300 | -40 | 3.0 | #57 Velocity S | 4 | |
| 0002.DARK | 900 | 0:30 | 04:31:47.0 | 31:30:07 | 300 | -40 | 3.0 | #57 Velocity S | 4 | |
| 0003.DARK | 900 | 0:45 | 04:46:58.0 | 31:30:10 | 300 | -40 | 3.0 | #57 Velocity S | 4 | |
| 0004.DARK | 900 | 1:01 | 05:02:05.0 | 31:30:12 | 300 | -40 | 3.0 | #57 Velocity S | 4 | |
| 0005.DARK | 900 | 1:16 | 08:15:00 | +31:30:00 | 300 | -40 | 3.0 | #57 Velocity S | 4 | |
| 0006.sky | 1 | 1:36 | 08:15:00 | +31:30:00 | 300 | 90 | 3.0 | #0 - Calibrati | 4 | wrong headers, sorry |
| 0007-0010.sky | 1 | 1:37 | 08:15:00 | +31:30:00 | 300 | 90 | 3.0 | #0 - Calibrati | 4 | |
| 0011-0012.sky | 2 | 1:39 | 08:15:00 | +31:30:00 | 300 | 90 | 3.0 | #0 - Calibrati | 2 | |
| 0013-0022.BIAS | 0 | 1:41 | 08:15:00 | +31:30:00 | 300 | 90 | 3.0 | #0 - Calibrati | 4 | |
| 0023-0032.FLAT | 8 | 1:44 | 08:15:00 | +31:30:00 | 300 | 90 | 3.0 | #0 - Calibrati | 4 | |
| 0033.sky | 5 | 1:47 | 01:36:23.8 | +15:45:13 | 300 | 62 | 3.0 | #2 - SN Observ | 4 | wrong headers, sorry |
| 0034-0037.sky | 5 | 1:49 | 01:36:23.8 | +15:45:13 | 300 | 62 | 3.0 | #2 - SN Observ | 4 | |
| 0038-0047.FLAT | 8 | 1:51 | 01:36:23.8 | +15:45:13 | 300 | 62 | 3.0 | #2 - SN Observ | 4 | |
| 0048.COMP | 12 | 1:53 | 01:36:23.8 | +15:45:13 | 300 | 62 | 3.0 | #2 - SN Observ | 4 | |
| 0049.COMP | 12 | 1:54 | 01:36:23.8 | +15:45:13 | 300 | 62 | 3.0 | #2 - SN Observ | 4 | |
| 0050.COMP | 12 | 1:54 | 01:36:23.8 | +15:45:13 | 300 | 62 | 3.0 | #2 - SN Observ | 4 | |
| 0051.HD52971 | 2 | 1:57 | 06:57:51 | +27:13:42 | 300 | 62 | 3.0 | #57 Velocity S | 4 | |
| 0052.HD52971 | 2 | 1:57 | 06:57:51 | +27:13:42 | 300 | 62 | 3.0 | #57 Velocity S | 4 | |
| 0053.HD52971 | 2 | 1:58 | 06:57:51 | +27:13:42 | 300 | 62 | 3.0 | #57 Velocity S | 4 | |
| 0054.COMP | 12 | 1:58 | 06:57:51 | +27:13:42 | 300 | 62 | 3.0 | #57 Velocity S | 4 | |

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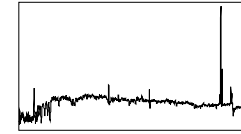
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|-----------------------------------------------------------------|
| 0055.Hiltner600 | 60 | 2:10 | 06:42:37.2 | 02:11:25 | 300 | -20 | 3.0 | #56 Spectropho | 4 | |
| 0056.Hiltner600 | 60 | 2:13 | 06:42:37.2 | 02:11:25 | 300 | -20 | 3.0 | #56 Spectropho | 4 | |
| 0057.COMP | 5 | 2:14 | 06:42:37.2 | 02:11:25 | 300 | -20 | 3.0 | #56 Spectropho | 4 | |
| 0058.sn2002ap | 1200 | 2:24 | 01:36:23.8 | +15:45:13 | 300 | 61 | 3.0 | #2 SN Observat | 4 | bin-by-4 mode -- (bin-by-2 corrupted); exp time is 16.5 minutes |
| 0059.COMP | 10 | 2:41 | 01:36:23.8 | +15:45:13 | 300 | 61 | 3.0 | #2 SN Observat | 4 | |
| 0060.COMP | 5 | 2:43 | 01:36:23.8 | +15:45:13 | 300 | 61 | 3.0 | #2 SN Observat | 2 | |
| 0061.COMP | 5 | 2:47 | 6:30:00 | +31:30:00 | 300 | 61 | 3.0 | #2 SN Observat | 2 | |
| 0062.BGGem | 300 | 3:27 | 6:03:31 | 27:41:50 | 300 | 90 | 3.0 | #100 BGGem | 4 | |
| 0063.COMP | 10 | 3:32 | 6:03:31 | 27:41:50 | 300 | 90 | 3.0 | #100 BGGem | 4 | |
| 0064.BGGem | 1200 | 3:36 | 6:03:31 | 27:41:50 | 300 | 90 | 3.0 | #100 BGGem | 4 | |
| 0065.COMP | 10 | 3:57 | 6:03:31 | 27:41:50 | 300 | 90 | 3.0 | #100 BGGem | 4 | |
| 0066.vso-54041 | 600 | 4:03 | 05:34:54.8 | 00:22:16 | 300 | 41 | 3.0 | 112 Orion PMS | 4 | will increase integration time due to clouds |
| 0067.COMP | 5 | 4:14 | 05:34:54.8 | 00:22:16 | 300 | 41 | 3.0 | 112 Orion PMS | 4 | |
| 0068.vso-54041 | 900 | 4:16 | 05:34:54.8 | 00:22:16 | 300 | 41 | 3.0 | 112 Orion PMS | 4 | |
| 0069.COMP | 5 | 4:31 | 05:34:54.8 | 00:22:16 | 300 | 41 | 3.0 | 112 Orion PMS | 4 | |
| 0070.vso-56751 | 600 | 4:35 | 05:37:23.6 | 00:45:33 | 300 | 47 | 3.0 | 112 Orion PMS | 4 | will int again due to clouds |
| 0071.COMP | 5 | 4:46 | 05:37:23.6 | 00:45:33 | 300 | 47 | 3.0 | 112 Orion PMS | 4 | |
| 0072.vso-56751 | 600 | 4:47 | 05:37:23.6 | 00:45:33 | 300 | 49 | 3.0 | 112 Orion PMS | 4 | |
| 0073.COMP | 5 | 4:57 | 05:37:23.6 | 00:45:33 | 300 | 49 | 3.0 | 112 Orion PMS | 4 | |
| 0074.sn2002bf | 1200 | 5:31 | 10:15:42.3 | +55:40:06 | 300 | 29 | 3.0 | #2 - SN Observ | 4 | bin-by-4 |

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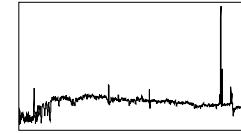
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|--------------------------------------|
| 0075.COMP | 10 | 5:52 | 10:15:42.3 | +55:40:06 | 300 | 29 | 3.0 | #2 - SN Observ | 4 | |
| 0076.snn3190 | 1200 | 5:56 | 10:18:06.5 | +21:49:41 | 300 | -37 | 3.0 | #2 - SN Observ | 4 | bin-by-4, SN at y=42, galaxy at y=51 |
| 0077.COMP | 10 | 6:16 | 10:18:06.5 | +21:49:41 | 300 | -37 | 3.0 | #2 - SN Observ | 4 | |
| 0078.Feige34 | 120 | 6:23 | 10:36:41.2 | 43:21:50 | 300 | 30 | 3.0 | #56 Spectropho | 4 | |
| 0079.Feige34 | 120 | 6:25 | 10:36:41.2 | 43:21:50 | 300 | 30 | 3.0 | #56 Spectropho | 4 | |
| 0080.COMP | 20 | 6:27 | 10:36:41.2 | 43:21:50 | 300 | 30 | 3.0 | #56 Spectropho | 4 | |
| 0081-0090.BIAS | 0 | 6:40 | 10:16:00 | +31:30:00 | 600 | 90 | 2.0 | #56 Spectropho | 4 | |
| 0091-0104.FLAT | 20 | 6:54 | 10:23:28.0 | 31:30:00 | 600 | 90 | 2.0 | #56 Spectropho | 4 | |
| 0105-0110.FLAT | 20 | 6:56 | 10:36:41.2 | 43:21:50 | 600 | 90 | 2.0 | #56 Spectropho | 4 | |
| 0111.Feige34 | 120 | 7:00 | 10:36:41.2 | 43:21:50 | 600 | -6 | 2.0 | #56 Spectropho | 4 | |
| 0112.COMP | 5 | 7:02 | 10:36:41.2 | 43:21:50 | 600 | -6 | 2.0 | #56 Spectropho | 4 | |
| 0113.Feige34 | 120 | 7:03 | 10:36:41.2 | 43:21:50 | 600 | -6 | 2.0 | #56 Spectropho | 4 | |
| 0114.COMP | 5 | 7:05 | 10:36:41.2 | 43:21:50 | 600 | -6 | 2.0 | #56 Spectropho | 4 | |
| 0115.m67_5124 | 480 | 7:12 | 8:50:41.5 | 11:44:30 | 600 | 50 | 2.0 | #10 M67 stars | 4 | |
| 0116.COMP | 10 | 7:21 | 8:50:41.5 | 11:44:30 | 600 | 50 | 2.0 | #10 M67 stars | 4 | |
| 0117.m67_6090 | 540 | 7:24 | 8:51:42.6 | 11:46:36 | 600 | 53 | 2.0 | #10 M67 stars | 4 | |
| 0118.COMP | 10 | 7:34 | 8:51:42.6 | 11:46:36 | 600 | 53 | 2.0 | #10 M67 stars | 4 | |
| 0119.m67_5544 | 480 | 7:36 | 8:51:13.6 | 11:50:37 | 600 | 55 | 2.0 | #10 M67 stars | 4 | |
| 0120.COMP | 10 | 7:44 | 8:51:13.6 | 11:50:37 | 600 | 55 | 2.0 | #10 M67 stars | 4 | |
| 0121.m67_6293 | 480 | 7:47 | 8:51:58.5 | 11:46:52 | 600 | 56 | 2.0 | #10 M67 stars | 4 | |

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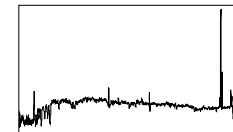
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|---------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0122.COMP | 10 | 7:55 | 8:51:58.5 | 11:46:52 | 600 | 56 | 2.0 | #10 M67 stars | 4 | |
| 0123.HD87141 | 2 | 7:59 | 10:01:17.7 | +54:08:04 | 600 | -49 | 2.0 | #10 M67 stars | 4 | |
| 0124.HD87141 | 2 | 8:00 | 10:01:17.7 | +54:08:04 | 600 | -49 | 2.0 | #10 M67 stars | 4 | |
| 0125.HD87141 | 2 | 8:00 | 10:01:17.7 | +54:08:04 | 600 | -49 | 2.0 | #10 M67 stars | 4 | |
| 0126.COMP | 10 | 8:00 | 10:01:17.7 | +54:08:04 | 600 | -49 | 2.0 | #10 M67 stars | 4 | |
| 0127.HD97907 | 6 | 8:05 | 11:13:15.0 | +13:34:50 | 600 | 20 | 2.0 | #10 M67 stars | 4 | |
| 0128.HD97907 | 6 | 8:05 | 11:13:15.0 | +13:34:50 | 600 | 20 | 2.0 | #10 M67 stars | 4 | |
| 0129.COMP | 10 | 8:06 | 11:13:15.0 | +13:34:50 | 600 | 20 | 2.0 | #10 M67 stars | 4 | |
| 0130.m67_6158 | 900 | 8:09 | 8:51:48.3 | 11:51:11 | 600 | 58 | 2.0 | #10 M67 stars | 4 | |
| 0131.COMP | 10 | 8:25 | 8:51:48.3 | 11:51:11 | 600 | 58 | 2.0 | #10 M67 stars | 4 | |
| 0132.m67_5239 | 900 | 8:28 | 8:50:51.7 | 11:48:10 | 600 | 58 | 2.0 | #10 M67 stars | 4 | |
| 0133.COMP | 10 | 8:44 | 8:50:51.7 | 11:48:10 | 600 | 58 | 2.0 | #10 M67 stars | 4 | |
| 0134.hs824 | 360 | 8:51 | 11:45:12.4 | 30:12:02 | 600 | 58 | 2.0 | #122 Halo Star | 4 | |
| 0135.COMP | 10 | 8:58 | 11:45:12.4 | 30:12:02 | 600 | 58 | 2.0 | #122 Halo Star | 4 | |
| 0136.hs823 | 840 | 9:00 | 11:43:58.1 | 29:58:59 | 600 | 58 | 2.0 | #122 Halo Star | 4 | |
| 0137.COMP | 10 | 9:14 | 11:43:58.1 | 29:58:59 | 600 | 58 | 2.0 | #122 Halo Star | 4 | |
| 0138.hs827 | 180 | 9:17 | 11:49:16.4 | 30:19:04 | 600 | 58 | 2.0 | #122 Halo Star | 4 | |
| 0139.COMP | 10 | 9:21 | 11:49:16.4 | 30:19:04 | 600 | 58 | 2.0 | #122 Halo Star | 4 | |
| 0140.hs828 | 240 | 9:23 | 11:50:05.0 | 30:41:52 | 600 | 58 | 2.0 | #122 Halo Star | 4 | |
| 0141.COMP | 10 | 9:28 | 11:50:05.0 | 30:41:52 | 600 | 58 | 2.0 | #122 Halo Star | 4 | |

UT Date 2002-03-10 Observers V HradeckyColl. Focus 1000 Grating/Grism 300

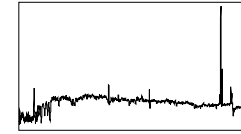
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-----------------|----------|----------|------------|----------|-----|------|------|----------------|-----|----------|
| 0142.hs818 | 300 | 9:31 | 11:35:25.8 | 30:43:17 | 600 | 58 | 2.0 | #122 Halo Star | 4 | |
| 0143.COMP | 10 | 9:36 | 11:35:25.8 | 30:43:17 | 600 | 58 | 2.0 | #122 Halo Star | 4 | |
| 0144.hs831 | 780 | 9:39 | 11:51:07.0 | 30:26:11 | 600 | 58 | 2.0 | #122 Halo Star | 4 | |
| 0145.COMP | 10 | 9:52 | 11:51:07.0 | 30:26:11 | 600 | 58 | 2.0 | #122 Halo Star | 4 | |
| 0146.hs832 | 600 | 9:54 | 11:51:17.8 | 29:48:47 | 600 | 58 | 2.0 | #122 Halo Star | 4 | |
| 0147.COMP | 10 | 10:04 | 11:51:17.8 | 29:48:47 | 600 | 58 | 2.0 | #122 Halo Star | 4 | |
| 0148.hs833 | 240 | 10:06 | 11:52:36.2 | 30:15:24 | 600 | 58 | 2.0 | #122 Halo Star | 4 | |
| 0149.COMP | 10 | 10:10 | 11:52:36.2 | 30:15:24 | 600 | 58 | 2.0 | #122 Halo Star | 4 | |
| 0150.hs829 | 1200 | 10:16 | 11:50:56.1 | 28:55:17 | 600 | 58 | 2.0 | #122 Halo Star | 4 | |
| 0151.COMP | 10 | 10:36 | 11:50:56.1 | 28:55:17 | 600 | 58 | 2.0 | #122 Halo Star | 4 | |
| 0152.hs813 | 1200 | 10:38 | 11:23:40.1 | 29:19:52 | 600 | 58 | 2.0 | #122 Halo Star | 4 | |
| 0153.COMP | 10 | 10:59 | 11:23:40.1 | 29:19:52 | 600 | 58 | 2.0 | #122 Halo Star | 4 | |
| 0154.hs835 | 840 | 11:01 | 11:58:00.3 | 29:57:32 | 600 | 58 | 2.0 | #122 Halo Star | 4 | |
| 0155.COMP | 10 | 11:16 | 11:58:00.3 | 29:57:32 | 600 | 58 | 2.0 | #122 Halo Star | 4 | |
| 0156.hs836 | 1200 | 11:18 | 11:58:26.8 | 29:16:42 | 600 | 58 | 2.0 | #122 Halo Star | 4 | |
| 0157.COMP | 10 | 11:38 | 11:58:26.8 | 29:16:42 | 600 | 58 | 2.0 | #122 Halo Star | 4 | |
| 0158.hs837 | 420 | 11:40 | 11:59:36.9 | 30:00:54 | 600 | 58 | 2.0 | #122 Halo Star | 4 | |
| 0159.COMP | 10 | 11:47 | 11:59:36.9 | 30:00:54 | 600 | 58 | 2.0 | #122 Halo Star | 4 | |
| 0160.PG1708p602 | 100 | 11:57 | 17:08:35.9 | 60:13:52 | 600 | 58 | 2.0 | #56 Spectropho | 4 | |
| 0161.PG1708p602 | 140 | 12:00 | 17:08:35.9 | 60:13:52 | 600 | 58 | 2.0 | #56 Spectropho | 4 | |

UT Date 2002-03-10 Observers V HradeckyColl. Focus 1000 Grating/Grism 300

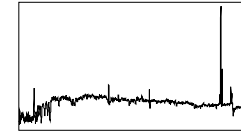
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0162.COMP | 10 | 12:03 | 17:08:35.9 | 60:13:52 | 600 | 58 | 2.0 | #56 Spectropho | 4 | |
| 0163.hs834 | 1200 | 12:05 | 11:53:28.5 | 28:52:59 | 600 | 58 | 2.0 | #122 Halo Star | 4 | |
| 0164.COMP | 10 | 12:26 | 11:53:28.5 | 28:52:59 | 600 | 58 | 2.0 | #122 Halo Star | 4 | |
| 0165.N5548 | 90 | 12:36 | 14:17:59.6 | +25:08:12 | 300 | 70 | 2.0 | #6 AGN Monitor | 4 | |
| 0166.COMP | 10 | 12:38 | 14:17:59.6 | +25:08:12 | 300 | 70 | 2.0 | #6 AGN Monitor | 4 | |
| 0167.N5548 | 90 | 12:38 | 14:17:59.6 | +25:08:12 | 300 | 70 | 2.0 | #6 AGN Monitor | 4 | |
| 0168.COMP | 10 | 12:40 | 14:17:59.6 | +25:08:12 | 300 | 70 | 2.0 | #6 AGN Monitor | 4 | |
| 0169.N5548 | 90 | 12:41 | 14:17:59.6 | +25:08:12 | 300 | 70 | 2.0 | #6 AGN Monitor | 4 | |
| 0170.COMP | 10 | 12:43 | 14:17:59.6 | +25:08:12 | 300 | 70 | 2.0 | #6 AGN Monitor | 4 | |
| 0171.N4151 | 30 | 12:44 | 12:10:32.6 | +39:24:21 | 300 | 77 | 2.0 | #6 AGN Monitor | 4 | |
| 0172.N4151 | 30 | 12:45 | 12:10:32.6 | +39:24:21 | 300 | 77 | 2.0 | #6 AGN Monitor | 4 | |
| 0173.N4151 | 30 | 12:46 | 12:10:32.6 | +39:24:21 | 300 | 77 | 2.0 | #6 AGN Monitor | 4 | |
| 0174.COMP | 10 | 12:47 | 12:10:32.6 | +39:24:21 | 300 | 77 | 2.0 | #6 AGN Monitor | 4 | |
| 0175.PG1708p602 | 480 | 12:52 | 17:08:35.9 | 60:13:52 | 300 | 14 | 2.0 | #56 Spectropho | 4 | |
| 0176.COMP | 10 | 13:01 | 17:08:35.9 | 60:13:52 | 300 | 14 | 2.0 | #56 Spectropho | 4 | |
| 0177-0180.sky | 20 | 13:18 | 19:20:00 | +31:30:00 | 300 | 14 | 2.0 | All | 4 | |
| 0181-0185.sky | 10 | 13:21 | 19:20:00 | +31:30:00 | 300 | 14 | 2.0 | All | 4 | |
| 0186.sky | 6 | 13:22 | 19:20:00 | +31:30:00 | 300 | 14 | 2.0 | All | 4 | |
| 0187.sky | 5 | 13:22 | 19:20:00 | +31:30:00 | 300 | 14 | 2.0 | All | 4 | |
| 0188-0190.sky | 4 | 13:24 | 19:20:00 | +31:30:00 | 300 | 14 | 2.0 | All | 4 | |

UT Date 2002-03-10 Observers V HradeckyColl. Focus 1000 Grating/Grism 300

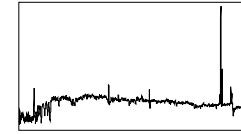
| <i>File</i> | <i>Exp Time</i> | <i>UT Start</i> | <i>RA</i> | <i>Dec</i> | <i>Gr.</i> | <i>P.A.</i> | <i>Slit</i> | <i>Program</i> | <i>Bin</i> | <i>Comments</i> |
|----------------|-----------------|-----------------|-----------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0191-0200.BIAS | 0 | 13:29 | 19:20:00 | +31:30:00 | 300 | 14 | 2.0 | All | 4 | |
| 0201-0220.FLAT | 8 | 13:34 | 19:20:00 | +31:30:00 | 300 | 14 | 2.0 | All | 4 | |
| 0221-0230.DARK | 900 | 15:53 | 19:20:00 | +31:30:00 | 300 | 14 | 2.0 | All | 4 | |

UT Date 2002-03-11 Observers V HradeckyColl. Focus 1000 Grating/Grism 300

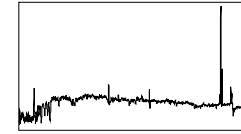
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0001-0009.BIAS | 0 | 0:18 | 04:08:03.0 | 31:30:04 | 300 | 14 | 3.0 | All | 2 | |
| 0010.BIAS | 0 | 0:18 | 04:08:16.0 | 31:30:05 | 300 | 14 | 3.0 | All | 2 | |
| 0011-0023.FLAT | 16 | 0:25 | 04:15:25.0 | 31:30:05 | 300 | 14 | 3.0 | All | 2 | |
| 0024-0030.FLAT | 16 | 0:28 | 04:18:45.0 | 31:30:06 | 300 | 14 | 3.0 | All | 2 | |
| 0031.DARK | 900 | 0:32 | 04:37:24.0 | 31:30:08 | 300 | 14 | 3.0 | All | 2 | |
| 0032.DARK | 900 | 0:47 | 04:52:39.0 | 31:30:11 | 300 | 14 | 3.0 | All | 2 | |
| 0033.DARK | 900 | 1:02 | 05:07:54.0 | 31:30:13 | 300 | 14 | 3.0 | All | 2 | |
| 0034.DARK | 900 | 1:18 | 05:23:10.0 | 31:30:15 | 300 | 14 | 3.0 | All | 2 | |
| 0035.sky | 4 | 1:40 | 7:0:0 | +31:30:00 | 300 | 14 | 3.0 | #57 Velocity S | 2 | |
| 0036.COMP | 5 | 1:41 | 7:0:0 | +31:30:00 | 300 | 14 | 3.0 | #57 Velocity S | 2 | |
| 0037-0038.sky | 4 | 1:42 | 7:0:0 | +31:30:00 | 300 | 14 | 3.0 | #57 Velocity S | 2 | |
| 0039.COMP | 5 | 1:42 | 7:0:0 | +31:30:00 | 300 | 14 | 3.0 | #57 Velocity S | 2 | |
| 0040.sky | 7 | 1:43 | 7:0:0 | +31:30:00 | 300 | 14 | 3.0 | #57 Velocity S | 2 | |
| 0041-0042.sky | 11 | 1:44 | 7:0:0 | +31:30:00 | 300 | 14 | 3.0 | #57 Velocity S | 2 | |
| 0043.COMP | 5 | 1:45 | 7:0:0 | +31:30:00 | 300 | 14 | 3.0 | #57 Velocity S | 2 | |
| 0044.sky | 6 | 1:47 | 04:00:00 | +31:30:00 | 300 | 14 | 3.0 | #57 Velocity S | 2 | |
| 0045.sky | 15 | 1:47 | 04:00:00 | +31:30:00 | 300 | 14 | 3.0 | #57 Velocity S | 2 | |
| 0046.COMP | 5 | 1:48 | 04:00:00 | +31:30:00 | 300 | 14 | 3.0 | #57 Velocity S | 2 | |
| 0047.HD52971 | 2 | 1:54 | 06:57:51 | +27:13:42 | 300 | -71 | 3.0 | #57 Velocity S | 2 | |
| 0048.HD52971 | 2 | 1:56 | 06:57:51 | +27:13:42 | 300 | -71 | 3.0 | #57 Velocity S | 2 | |

UT Date 2002-03-11 Observers V HradeckyColl. Focus 1000 Grating/Grism 300

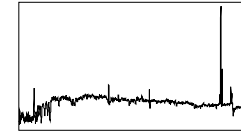
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|--------------------------------------|
| 0049.HD52971 | 2 | 1:56 | 06:57:51 | +27:13:42 | 300 | -71 | 3.0 | #57 Velocity S | 2 | |
| 0050.COMP | 5 | 1:56 | 06:57:51 | +27:13:42 | 300 | -71 | 3.0 | #57 Velocity S | 2 | |
| 0051.Hiltner600 | 60 | 2:01 | 06:42:37.2 | 02:11:25 | 300 | -22 | 3.0 | #56 Spectropho | 2 | |
| 0052.Hiltner600 | 60 | 2:04 | 06:42:37.2 | 02:11:25 | 300 | -22 | 3.0 | #56 Spectropho | 2 | |
| 0053.COMP | 5 | 2:05 | 06:42:37.2 | 02:11:25 | 300 | -22 | 3.0 | #56 Spectropho | 2 | |
| 0054.sn2002ap | 1200 | 2:24 | 01:36:23.8 | +15:45:13 | 300 | 61 | 3.0 | #2 SN Observat | 2 | HA limits hit - eff exp time 731 sec |
| 0055.COMP | 10 | 2:38 | 01:36:23.8 | +15:45:13 | 300 | 61 | 3.0 | #2 SN Observat | 2 | |
| 0056.vso-55413 | 600 | 2:42 | 05:36:10.3 | 00:29:56 | 300 | 21 | 3.0 | 112 Orion PMS | 2 | |
| 0057.COMP | 10 | 2:53 | 05:36:10.3 | 00:29:56 | 300 | 21 | 3.0 | 112 Orion PMS | 2 | |
| 0058.vso-54153 | 600 | 2:55 | 05:34:59.8 | 00:46:17 | 300 | 27 | 3.0 | 112 Orion PMS | 2 | |
| 0059.COMP | 10 | 3:05 | 05:34:59.8 | 00:46:17 | 300 | 27 | 3.0 | 112 Orion PMS | 2 | |
| 0060.vso-56615 | 600 | 3:07 | 05:37:16.4 | 00:47:38 | 300 | 30 | 3.0 | 112 Orion PMS | 2 | target at y=82 |
| 0061.COMP | 10 | 3:17 | 05:37:16.4 | 00:47:38 | 300 | 30 | 3.0 | 112 Orion PMS | 2 | |
| 0062.vso-60084 | 600 | 3:20 | 05:40:24.7 | 00:42:33 | 300 | 33 | 3.0 | 112 Orion PMS | 2 | |
| 0063.COMP | 10 | 3:31 | 05:40:24.7 | 00:42:33 | 300 | 33 | 3.0 | 112 Orion PMS | 2 | |
| 0064.vso-57745 | 600 | 3:33 | 05:38:17.8 | 00:46:18 | 300 | 36 | 3.0 | 112 Orion PMS | 2 | target y=85, nearby star y=94 |
| 0065.COMP | 10 | 3:43 | 05:38:17.8 | 00:46:18 | 300 | 36 | 3.0 | 112 Orion PMS | 2 | |
| 0066.vso-56378 | 600 | 3:45 | 05:37:03.3 | 00:43:25 | 300 | 40 | 3.0 | 112 Orion PMS | 2 | |
| 0067.COMP | 10 | 3:55 | 05:37:03.3 | 00:43:25 | 300 | 40 | 3.0 | 112 Orion PMS | 2 | |
| 0068.vso-60250 | 900 | 3:57 | 05:40:32.8 | 00:51:44 | 300 | 42 | 3.0 | 112 Orion PMS | 2 | |

UT Date 2002-03-11 Observers V HradeckyColl. Focus 1000 Grating/Grism 300

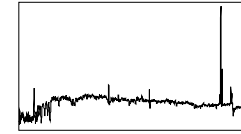
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------------|
| 0069.COMP | 10 | 4:12 | 05:40:32.8 | 00:51:44 | 300 | 42 | 3.0 | 112 Orion PMS | 2 | |
| 0070.vso-61753 | 600 | 4:14 | 05:41:48.2 | 00:42:47 | 300 | 44 | 3.0 | 112 Orion PMS | 2 | |
| 0071.COMP | 10 | 4:24 | 05:41:48.2 | 00:42:47 | 300 | 44 | 3.0 | 112 Orion PMS | 2 | |
| 0072.vso-60558 | 660 | 4:27 | 05:40:49.7 | 00:42:48 | 300 | 46 | 3.0 | 112 Orion PMS | 2 | |
| 0073.COMP | 10 | 4:38 | 05:40:49.7 | 00:42:48 | 300 | 46 | 3.0 | 112 Orion PMS | 2 | |
| 0074.MRK110 | 360 | 4:43 | 09:25:12.9 | +52:17:10 | 300 | 31 | 3.0 | #6 AGN Monitor | 2 | target at y=83 |
| 0075.COMP | 10 | 4:49 | 09:25:12.9 | +52:17:10 | 300 | 31 | 3.0 | #6 AGN Monitor | 2 | |
| 0076.sn2002bf | 1200 | 4:54 | 10:15:42.3 | +55:40:06 | 300 | 45 | 3.0 | #2 SN Observat | 2 | |
| 0077.COMP | 10 | 5:14 | 10:15:42.3 | +55:40:06 | 300 | 45 | 3.0 | #2 SN Observat | 2 | |
| 0078.sn2002bo | 1200 | 5:19 | 10:18:06.5 | +21:49:41 | 300 | -54 | 3.0 | #2 SN Observat | 2 | |
| 0079.COMP | 10 | 5:40 | 10:18:06.5 | +21:49:41 | 300 | -54 | 3.0 | #2 SN Observat | 2 | |
| 0080.Feige34 | 120 | 5:43 | 10:36:41.2 | 43:21:50 | 300 | 54 | 3.0 | #56 Spectropho | 2 | |
| 0081.COMP | 10 | 5:46 | 10:36:41.2 | 43:21:50 | 300 | 54 | 3.0 | #56 Spectropho | 2 | |
| 0082.Feige34 | 120 | 5:46 | 10:36:41.2 | 43:21:50 | 300 | 54 | 3.0 | #56 Spectropho | 2 | |
| 0083.COMP | 10 | 5:49 | 10:36:41.2 | 43:21:50 | 300 | 54 | 3.0 | #56 Spectropho | 2 | |
| 0084-0093.BIAS | 0 | 5:55 | 09:40:00 | +31:30:00 | 600 | 90 | 2.0 | #56 Spectropho | 2 | |
| 0094-0108.FLAT | 45 | 6:17 | 09:40:00 | +31:30:00 | 600 | 90 | 2.0 | #56 Spectropho | 2 | |
| 0109.Feige34 | 120 | 6:22 | 10:36:41.2 | 43:21:50 | 600 | 29 | 2.0 | #56 Spectropho | 2 | |
| 0110.Feige34 | 120 | 6:25 | 10:36:41.2 | 43:21:50 | 600 | 29 | 2.0 | #56 Spectropho | 2 | |
| 0111.COMP | 10 | 6:27 | 10:36:41.2 | 43:21:50 | 600 | 29 | 2.0 | #56 Spectropho | 2 | |

UT Date 2002-03-11 Observers V HradeckyColl. Focus 1000 Grating/Grism 300

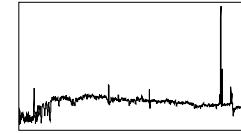
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|---------------|----------|----------|------------|-----------|-----|------|------|---------------|-----|----------------|
| 0112.m67_5169 | 600 | 6:30 | 8:50:46.1 | 11:43:08 | 600 | 43 | 2.0 | #10 M67 stars | 2 | target at y=83 |
| 0113.m67_5169 | 600 | 6:41 | 8:50:46.1 | 11:43:08 | 600 | 43 | 2.0 | #10 M67 stars | 2 | |
| 0114.COMP | 10 | 6:51 | 8:50:46.1 | 11:43:08 | 600 | 43 | 2.0 | #10 M67 stars | 2 | |
| 0115.m67_5679 | 600 | 6:54 | 8:51:20.3 | 11:45:52 | 600 | 49 | 2.0 | #10 M67 stars | 2 | |
| 0116.m67_5679 | 600 | 7:04 | 8:51:20.3 | 11:45:52 | 600 | 49 | 2.0 | #10 M67 stars | 2 | |
| 0117.COMP | 10 | 7:14 | 8:51:20.3 | 11:45:52 | 600 | 49 | 2.0 | #10 M67 stars | 2 | |
| 0118.HD96436 | 2 | 7:18 | 11:04:21.1 | +02:13:38 | 600 | 0 | 2.0 | #10 M67 stars | 2 | |
| 0119.HD96436 | 2 | 7:18 | 11:04:21.1 | +02:13:38 | 600 | 0 | 2.0 | #10 M67 stars | 2 | |
| 0120.HD96436 | 2 | 7:19 | 11:04:21.1 | +02:13:38 | 600 | 0 | 2.0 | #10 M67 stars | 2 | |
| 0121.COMP | 10 | 7:19 | 11:04:21.1 | +02:13:38 | 600 | 0 | 2.0 | #10 M67 stars | 2 | |
| 0122.HD87141 | 2 | 7:22 | 10:01:17.7 | +54:08:04 | 600 | -34 | 2.0 | #10 M67 stars | 2 | |
| 0123.HD87141 | 2 | 7:23 | 10:01:17.7 | +54:08:04 | 600 | -34 | 2.0 | #10 M67 stars | 2 | |
| 0124.HD87141 | 2 | 7:23 | 10:01:17.7 | +54:08:04 | 600 | -34 | 2.0 | #10 M67 stars | 2 | |
| 0125.COMP | 10 | 7:24 | 10:01:17.7 | +54:08:04 | 600 | -34 | 2.0 | #10 M67 stars | 2 | |
| 0126.m67_5688 | 900 | 7:28 | 8:51:20.5 | 11:46:16 | 600 | 54 | 2.0 | #10 M67 stars | 2 | |
| 0127.COMP | 10 | 7:44 | 8:51:20.5 | 11:46:16 | 600 | 54 | 2.0 | #10 M67 stars | 2 | |
| 0128.m67_6169 | 900 | 7:46 | 8:51:48.8 | 11:56:50 | 600 | 57 | 2.0 | #10 M67 stars | 2 | |
| 0129.COMP | 10 | 8:02 | 8:51:48.8 | 11:56:50 | 600 | 57 | 2.0 | #10 M67 stars | 2 | |
| 0130.m67_5864 | 900 | 8:03 | 8:51:29.4 | 11:54:13 | 600 | 59 | 2.0 | #10 M67 stars | 2 | |
| 0131.COMP | 10 | 8:19 | 8:51:29.4 | 11:54:13 | 600 | 59 | 2.0 | #10 M67 stars | 2 | |

UT Date 2002-03-11 Observers V HradeckyColl. Focus 1000 Grating/Grism 300

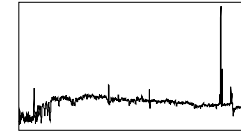
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|---------------|----------|----------|------------|----------|-----|------|------|----------------|-----|--------------------|
| 0132.m67_5318 | 900 | 8:21 | 8:50:58.1 | 11:52:22 | 600 | 59 | 2.0 | #10 M67 stars | 2 | |
| 0133.COMP | 10 | 8:42 | 12:00:34.2 | 29:48:49 | 600 | 73 | 2.0 | #122 Halo Star | 2 | |
| 0134.hs838 | 900 | 8:44 | 12:00:34.2 | 29:48:49 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0135.COMP | 10 | 9:00 | 12:00:34.2 | 29:48:49 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0136.hs839 | 900 | 9:02 | 12:00:55.8 | 30:36:30 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0137.COMP | 10 | 9:17 | 12:00:55.8 | 30:36:30 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0138.hs839 | 600 | 9:18 | 12:00:55.8 | 30:36:30 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0139.COMP | 10 | 9:30 | 12:00:55.8 | 30:36:30 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0140.hs840 | 1200 | 9:31 | 12:01:16.4 | 29:12:35 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0141.COMP | 10 | 9:52 | 12:01:16.4 | 29:12:35 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0142.hs841 | 1200 | 9:53 | 12:03:03.4 | 29:21:26 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0143.COMP | 10 | 10:14 | 12:03:03.4 | 29:21:26 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0144.hs843 | 600 | 10:16 | 12:07:30.7 | 29:48:39 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0145.hs842 | 900 | 10:28 | 12:03:17.3 | 28:48:18 | 600 | 90 | 2.0 | #122 Halo Star | 2 | bad seeing |
| 0146.COMP | 10 | 10:43 | 12:03:17.3 | 28:48:18 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0147.hs842 | 900 | 10:46 | 12:03:17.3 | 28:48:18 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0148.COMP | 10 | 11:01 | 12:03:17.3 | 28:48:18 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0149.hs847 | 240 | 11:07 | 12:12:54.7 | 30:26:27 | 600 | 90 | 2.0 | #122 Halo Star | 2 | horrible seeing, ̄ |
| 0150.COMP | 10 | 11:12 | 12:12:54.7 | 30:26:27 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0151.hs847 | 300 | 11:12 | 12:12:54.7 | 30:26:27 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |

UT Date 2002-03-11 Observers V HradeckyColl. Focus 1000 Grating/Grism 300

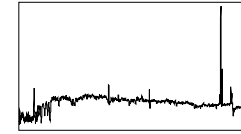
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|------------|----------|----------|------------|----------|-----|------|------|----------------|-----|----------|
| 0152.COMP | 10 | 11:19 | 12:34:12.8 | 30:39:46 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0153.hs861 | 200 | 11:20 | 12:34:12.8 | 30:39:46 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0154.COMP | 10 | 11:24 | 12:34:12.8 | 30:39:46 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0155.hs859 | 200 | 11:29 | 12:30:42.3 | 30:06:38 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0156.COMP | 10 | 11:35 | 12:30:42.3 | 30:06:38 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0157.hs878 | 600 | 11:38 | 12:59:52.2 | 30:14:32 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0158.COMP | 10 | 11:48 | 12:59:52.2 | 30:14:32 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0159.hs901 | 600 | 11:50 | 13:31:53.9 | 30:00:10 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0160.COMP | 10 | 12:00 | 13:31:53.9 | 30:00:10 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0161.hs885 | 360 | 12:02 | 13:06:41.3 | 29:53:44 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0162.COMP | 10 | 12:08 | 13:06:41.3 | 29:53:44 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0163.hs900 | 1100 | 12:10 | 13:30:16.2 | 29:47:36 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0164.COMP | 10 | 12:29 | 13:30:16.2 | 29:47:36 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |

UT Date 2002-03-12 Observers E. FalcoColl. Focus 960 Grating/Grism 600

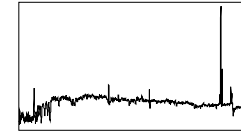
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|-------|----------------|-----|--------------|
| 0001-0010.BIAS | 0 | 23:36 | 03:30:25.0 | 31:30:00 | 600 | 90 | 2.0 | #88 MF | 2 | |
| 0024-0032.FLAT | 30 | 0:08 | 04:02:31.0 | 31:30:03 | 600 | 90 | 2.0 | #88 MF | 2 | |
| 0033.FLAT | 30 | 0:09 | 04:03:14.0 | 31:30:04 | 600 | 90 | 2.0 | #88 MF | 2 | |
| 0034.COMP | 30 | 0:11 | 04:05:42.0 | 31:30:04 | 600 | 90 | 2.0 | #88 MF | 2 | |
| 0035.COMP | 30 | 0:12 | 04:06:42.0 | 31:30:04 | 600 | 90 | 2.0 | #88 MF | 2 | |
| 0036.COMP | 30 | 0:15 | 04:09:14.0 | 31:30:04 | 600 | 90 | 2.0 | #88 MF | 2 | |
| 0037.COMP | 20 | 0:15 | 04:09:57.0 | 31:30:04 | 600 | 90 | 2.0 | #88 MF | 2 | |
| 0038.COMP | 20 | 0:16 | 04:10:32.0 | 31:30:05 | 600 | 90 | 2.0 | #88 MF | 2 | |
| 0039.COMP | 20 | 0:17 | 04:11:11.0 | 31:30:05 | 600 | 90 | 2.0 | #88 MF | 2 | |
| 0040.DARK | 900 | 0:22 | 04:31:30.0 | 31:30:07 | 600 | 90 | 2.0 | #88 MF | 2 | |
| 0041.DARK | 900 | 0:37 | 04:46:45.0 | 31:30:10 | 600 | 90 | 2.0 | #88 MF | 2 | |
| 0042.DARK | 900 | 0:53 | 05:02:01.0 | 31:30:12 | 600 | 90 | 2.0 | #88 MF | 2 | |
| 0043.DARK | 900 | 1:08 | 05:17:16.0 | 31:30:14 | 600 | 90 | 2.0 | #88 MF | 2 | |
| 0044.SKY | 10 | 1:46 | 03:47:27.0 | 31:29:57 | 0 | 10 | 10.0 | #57 Velocity S | 2 | |
| 0045-0048.SKY | 45 | 1:49 | 03:47:27.0 | 31:29:57 | 0 | 45 | 45.0 | #57 Velocity S | 2 | |
| 0049.SKY | 120 | 1:56 | 03:47:27.0 | 31:29:57 | 0 | 120 | 120.0 | #57 Velocity S | 2 | |
| 0050.COMP | 15 | 3:11 | 05:01:31.5 | 52:45:52 | 600 | 90 | 2.0 | #56 Spectropho | 2 | photometric! |
| 0051.GB191B2B | 30 | 3:13 | 05:01:31.5 | 52:45:52 | 600 | 90 | 2.0 | #56 Spectropho | 2 | |
| 0052.GB191B2B | 120 | 3:17 | 05:01:31.5 | 52:45:52 | 0 | 120 | 120.0 | #88 Mass Funct | 2 | |
| 0053.COMP | 10 | 3:29 | 07:36:47.0 | +55:02:27 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |

UT Date 2002-03-12 Observers E. FalcoColl. Focus 960 Grating/Grism 600

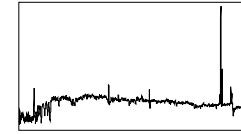
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0054.MF7039 | 900 | 3:32 | 07:36:47.0 | +55:02:27 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0055.MF7039 | 900 | 3:48 | 07:36:47.0 | +55:02:27 | 0 | 900 | 900 | #88 Mass Funct | 2 | |
| 0056.COMP | 10 | 4:05 | 07:36:47.0 | +55:02:27 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0057.COMP | 10 | 4:12 | 08:58:36.5 | +54:19:2 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0058.MF7070 | 450 | 4:14 | 08:58:36.5 | +54:19:2 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0059.MF7070 | 450 | 4:22 | 08:58:36.5 | +54:19:2 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0060.COMP | 10 | 4:30 | 08:58:36.5 | +54:19:2 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0061.MF7113 | 450 | 4:37 | 10:27:14.7 | +16:02:57 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0062.MF7113 | 450 | 4:44 | 10:27:14.7 | +16:02:57 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0063.COMP | 10 | 4:52 | 10:27:14.7 | +16:02:57 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0064.COMP | 10 | 5:08 | 10:01:09.8 | +22:24:6 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0065.MF4036 | 900 | 5:10 | 10:01:09.8 | +22:24:6 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0066.MF4036 | 900 | 5:26 | 10:01:09.8 | +22:24:6 | 0 | 900 | 900 | #88 Mass Funct | 2 | |
| 0067.COMP | 10 | 5:41 | 10:01:09.8 | +22:24:6 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0068.MF7063 | 450 | 5:53 | 08:21:57.0 | +66:31:53 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0069.MF7063 | 450 | 6:00 | 08:21:57.0 | +66:31:53 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0070.COMP | 10 | 6:14 | 08:21:57.0 | +66:31:53 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0071.COMP | 10 | 6:22 | 11:56:07.7 | +55:23:28 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0072.MF4041 | 900 | 6:23 | 11:56:07.7 | +55:23:28 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0073.MF4041 | 900 | 6:39 | 11:56:07.7 | +55:23:28 | 0 | 900 | 900 | #88 Mass Funct | 2 | |

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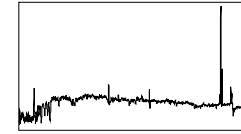
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0074.COMP | 10 | 6:55 | 11:56:07.7 | +55:23:28 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0075.COMP | 10 | 7:02 | 09:34:49.8 | 55:19:25 | 600 | 90 | 2.0 | #56 Spectropho | 2 | |
| 0076.PG0934p554 | 120 | 7:03 | 09:34:49.8 | 55:19:25 | 600 | 90 | 2.0 | #56 Spectropho | 2 | |
| 0077.COMP | 10 | 7:12 | 13:44:04.7 | +03:54:20 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0078.MF7084 | 900 | 7:13 | 13:44:04.7 | +03:54:20 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0079.MF7084 | 900 | 7:29 | 13:44:04.7 | +03:54:20 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0080.MF7084 | 900 | 7:46 | 13:44:04.7 | +03:54:20 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0081.COMP | 10 | 8:01 | 13:44:04.7 | +03:54:20 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0082.COMP | 10 | 8:13 | 12:15:55.1 | +23:35:44 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0083.MF4057 | 900 | 8:14 | 12:15:55.1 | +23:35:44 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0084.MF4057 | 900 | 8:30 | 12:15:55.1 | +23:35:44 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0085.MF4057 | 900 | 8:47 | 12:15:55.1 | +23:35:44 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0086.COMP | 10 | 9:02 | 12:15:55.1 | +23:35:44 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0087.COMP | 10 | 9:11 | 10:29:28.3 | +20:59:29 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0088.MF7095 | 900 | 9:12 | 10:29:28.3 | +20:59:29 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0089.MF7095 | 900 | 9:28 | 10:29:28.3 | +20:59:29 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0090.MF7095 | 900 | 9:44 | 10:29:28.3 | +20:59:29 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0091.COMP | 10 | 10:07 | 10:29:28.3 | +20:59:29 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0092.COMP | 10 | 10:12 | 13:52:16.2 | +02:06:4 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0093.MF7064 | 900 | 10:14 | 13:52:16.2 | +02:06:4 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |

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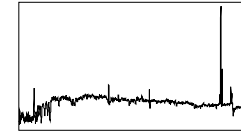
| <i>File</i> | <i>Exp Time</i> | <i>UT Start</i> | <i>RA</i> | <i>Dec</i> | <i>Gr.</i> | <i>P.A.</i> | <i>Slit</i> | <i>Program</i> | <i>Bin</i> | <i>Comments</i> |
|-------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0094.MF7064 | 900 | 10:30 | 13:52:16.2 | +02:06:4 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0095.COMP | 10 | 10:45 | 13:52:16.2 | +02:06:4 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0096.COMP | 10 | 10:51 | 14:03:31.2 | +09:13:15 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0097.MF7110 | 900 | 10:52 | 14:03:31.2 | +09:13:15 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0098.MF7110 | 900 | 11:09 | 14:03:31.2 | +09:13:15 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0099.COMP | 10 | 11:24 | 14:03:31.2 | +09:13:15 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0100.COMP | 10 | 11:30 | 13:21:19.0 | 36:23:39 | 600 | 90 | 2.0 | #56 Spectropho | 2 | |
| 0101.HZ44 | 120 | 11:31 | 13:21:19.0 | 36:23:39 | 600 | 90 | 2.0 | #56 Spectropho | 2 | |
| 0102.COMP | 10 | 11:40 | 13:24:20.1 | +32:50:53 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0103.MF7023 | 900 | 11:42 | 13:24:20.1 | +32:50:53 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0104.MF7023 | 900 | 11:58 | 13:24:20.1 | +32:50:53 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0105.MF7023 | 900 | 12:14 | 13:24:20.1 | +32:50:53 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0106.COMP | 10 | 12:29 | 13:24:20.1 | +32:50:53 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |

UT Date 2002-03-13 Observers E. FalcoColl. Focus 960 Grating/Grism 600

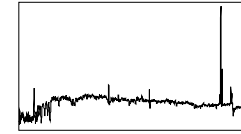
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|----------|-----|------|------|-----------------|-----|---------------------|
| 0001-0010.BIAS | 0 | 22:48 | 02:45:59.0 | 31:29:56 | 600 | 90 | 2.0 | #88 MF | 2 | |
| 0019.COMP | 15 | 22:58 | 02:56:02.0 | 31:29:57 | 600 | 90 | 2.0 | #88 MF | 2 | |
| 0020.COMP | 15 | 22:59 | 02:56:46.0 | 31:29:57 | 600 | 90 | 2.0 | #88 MF | 2 | |
| 0021.COMP | 15 | 22:59 | 02:57:15.0 | 31:29:57 | 600 | 90 | 2.0 | #88 MF | 2 | |
| 0022.COMP | 15 | 22:59 | 02:57:42.0 | 31:29:57 | 600 | 90 | 2.0 | #88 MF | 2 | |
| 0023.COMP | 15 | 23:00 | 02:58:12.0 | 31:29:57 | 600 | 90 | 2.0 | #88 MF | 2 | |
| 0024-0030.FLAT | 35 | 23:08 | 03:06:18.0 | 31:29:57 | 600 | 90 | 2.0 | #88 MF | 2 | |
| 0031-0032.FLAT | 35 | 23:09 | 03:07:53.0 | 31:29:58 | 600 | 90 | 2.0 | #88 MF | 2 | |
| 0033.DARK | 900 | 23:12 | 03:24:44.0 | 31:29:59 | 600 | 90 | 2.0 | #88 MF | 2 | |
| 0034.DARK | 900 | 23:27 | 03:39:59.0 | 31:30:01 | 600 | 90 | 2.0 | #88 MF | 2 | |
| 0035.DARK | 900 | 23:42 | 03:55:15.0 | 31:30:03 | 600 | 90 | 2.0 | #88 MF | 2 | |
| 0036.DARK | 900 | 23:57 | 04:10:30.0 | 31:30:05 | 600 | 90 | 2.0 | #88 MF | 2 | |
| 0037.DARK | 900 | 0:13 | 04:25:45.0 | 31:30:07 | 600 | 90 | 2.0 | #88 MF | 2 | |
| 0038.DARK | 900 | 0:28 | 04:40:57.0 | 31:30:09 | 600 | 90 | 2.0 | #88 MF | 2 | |
| 0039.DARK | 900 | 0:43 | 04:56:13.0 | 31:30:11 | 600 | 90 | 2.0 | #88 MF | 2 | mostly clear again! |
| 0040.test | 5 | 1:28 | 02:46:03.0 | 26:54:08 | 0 | 5 | 5.0 | #88 Mass Funct | 2 | |
| 0041.test | 1 | 1:29 | 02:46:03.0 | 26:54:08 | 0 | 1 | 1.0 | #88 Mass FUunct | 2 | |
| 0042-0048.SKY | 1 | 1:32 | 02:46:02.0 | 26:54:08 | 0 | 1 | 1.3 | #57 Velocity S | 2 | |
| 0049-0050.SKY | 2 | 1:33 | 02:46:02.0 | 26:54:08 | 0 | 2 | 1.5 | #57 Velocity S | 2 | |
| 0051.SKY | 2 | 1:33 | 02:46:02.0 | 26:54:07 | 0 | 2 | 1.5 | #57 Velocity S | 2 | |

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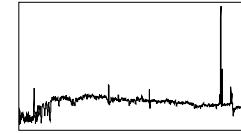
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-----------------|----------|----------|------------|----------|-----|------|------|----------------|-----|------------------------------|
| 0052.SKY | 2 | 1:33 | 02:46:02.0 | 26:54:08 | 0 | 2 | 1.7 | #57 Velocity S | 2 | |
| 0053.HZ14 | 300 | 2:16 | 04:38:15.6 | 10:53:57 | 600 | 90 | 2.0 | #56 Spectropho | 2 | log DOES NOT show correct PA |
| 0054.COMP | 15 | 2:21 | 04:38:15.6 | 10:53:57 | 600 | 90 | 2.0 | #56 Spectropho | 2 | |
| 0055.Hiltner600 | 120 | 2:25 | 06:42:37.2 | 02:11:25 | 600 | 90 | 2.0 | #56 Spectropho | 2 | |
| 0056.COMP | 15 | 2:28 | 06:42:37.2 | 02:11:25 | 600 | 90 | 2.0 | #56 Spectropho | 2 | |
| 0057.HD27348 | 1000 | 2:53 | 04:20:24.6 | 34:34:00 | 600 | 90 | 2.0 | #57 Radial Vel | 2 | forgot COMP... |
| 0058.HD48433 | 1000 | 3:02 | 06:43:59.3 | 13:13:40 | 600 | 90 | 2.0 | #57 Radial Vel | 2 | |
| 0059.HD25604 | 1000 | 3:06 | 04:04:41.7 | 22:04:54 | 600 | 90 | 2.0 | #57 Radial Vel | 2 | forgot COMP... |
| 0060.HD34559 | 1000 | 3:11 | 05:19:16.6 | 22:05:47 | 600 | 90 | 2.0 | #57 Radial Vel | 2 | |
| 0061.COMP | 15 | 3:13 | 05:19:16.6 | 22:05:47 | 600 | 90 | 2.0 | #57 Radial Vel | 2 | |
| 0062.HD25604 | 1000 | 3:15 | 04:04:41.7 | 22:04:54 | 600 | 90 | 2.0 | #57 Radial Vel | 2 | |
| 0063.COMP | 15 | 3:17 | 04:04:41.7 | 22:04:54 | 600 | 90 | 2.0 | #57 Radial Vel | 2 | |
| 0064.HD48433 | 1000 | 3:20 | 06:43:59.3 | 13:13:40 | 600 | 90 | 2.0 | #57 Radial Vel | 2 | |
| 0065.COMP | 15 | 3:21 | 06:43:59.3 | 13:13:40 | 600 | 90 | 2.0 | #57 Radial Vel | 2 | |
| 0066.HD34559 | 1000 | 3:24 | 05:19:16.6 | 22:05:47 | 600 | 90 | 2.0 | #57 Radial Vel | 2 | |
| 0067.M81 | 180 | 3:36 | 09:51:27.3 | 69:18:08 | 600 | 90 | 2.0 | #88f Mass Func | 2 | |
| 0068.M81 | 180 | 3:39 | 09:51:27.3 | 69:18:08 | 600 | 90 | 2.0 | #88f Mass Func | 2 | |
| 0069.COMP | 15 | 3:43 | 09:51:27.3 | 69:18:08 | 600 | 90 | 2.0 | #88f Mass Func | 2 | |
| 0070.COMP | 15 | 3:46 | 10:01:09.8 | +22:24:6 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0071.MF4036 | 450 | 3:48 | 10:01:09.8 | +22:24:6 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |

UT Date 2002-03-13 Observers E. FalcoColl. Focus 960 Grating/Grism 600

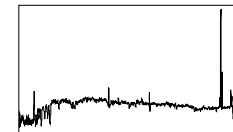
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|---------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0072.MF4036 | 450 | 3:57 | 10:01:09.8 | +22:24:6 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0073.COMP | 15 | 4:05 | 10:01:09.8 | +22:24:6 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0074.COMP | 15 | 4:09 | 10:29:28.3 | +20:59:29 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0075.MF7095 | 900 | 4:11 | 10:29:28.3 | +20:59:29 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0076.MF7095 | 900 | 4:27 | 10:29:28.3 | +20:59:29 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0077.MF7095 | 900 | 4:43 | 10:29:28.3 | +20:59:29 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0078.COMP | 15 | 4:58 | 10:29:28.3 | +20:59:29 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0079.COMP | 15 | 5:06 | 12:24:11.3 | +58:21:38 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0080.MF7105 | 600 | 5:06 | 12:24:11.3 | +58:21:38 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0081.MF7105 | 600 | 5:17 | 12:24:11.3 | +58:21:38 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0082.MF7105 | 600 | 5:28 | 12:24:11.3 | +58:21:38 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0083.COMP | 15 | 5:39 | 12:24:11.3 | +58:21:38 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0084.COMP | 15 | 5:43 | 12:26:19.8 | +26:50:18 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0085.MF7130 | 900 | 5:44 | 12:26:19.8 | +26:50:18 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0086.MF7130 | 900 | 6:00 | 12:26:19.8 | +26:50:18 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0087.MF7130 | 900 | 6:16 | 12:26:19.8 | +26:50:18 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0088.COMP | 15 | 6:33 | 12:26:19.8 | +26:50:18 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0089.EG81 | 180 | 7:48 | 11:34:51.3 | 14:26:58 | 600 | 90 | 2.0 | #56 Spectropho | 2 | |
| 0090.COMP | 15 | 7:52 | 11:34:51.3 | 14:26:58 | 600 | 90 | 2.0 | #56 Spectropho | 2 | |
| 0091.HD134335 | 1000 | 7:56 | 15:08:35.6 | 25:06:31 | 600 | 90 | 2.0 | #57 Radial Vel | 2 | |

UT Date 2002-03-13 Observers E. FalcoColl. Focus 960 Grating/Grism 600

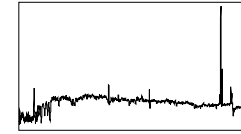
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|---------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0092.COMP | 15 | 7:58 | 15:08:35.6 | 25:06:31 | 600 | 90 | 2.0 | #57 Radial Vel | 2 | |
| 0093.HD114093 | 1000 | 8:01 | 13:08:02.4 | 24:49:52 | 600 | 90 | 2.0 | #57 Radial Vel | 2 | |
| 0094.COMP | 15 | 8:03 | 13:08:02.4 | 24:49:52 | 600 | 90 | 2.0 | #57 Radial Vel | 2 | |
| 0095.NGC4168 | 180 | 8:05 | 12:09:43.5 | 13:29:05 | 600 | 90 | 2.0 | #88f Mass Func | 2 | |
| 0096.NGC4168 | 180 | 8:09 | 12:09:43.5 | 13:29:05 | 600 | 90 | 2.0 | #88f Mass Func | 2 | |
| 0097.COMP | 15 | 8:12 | 12:09:43.5 | 13:29:05 | 600 | 90 | 2.0 | #88f Mass Func | 2 | |
| 0098.COMP | 15 | 8:22 | 13:24:20.1 | +32:50:53 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0099.MF7023 | 600 | 8:24 | 13:24:20.1 | +32:50:53 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0100.MF7023 | 600 | 8:35 | 13:24:20.1 | +32:50:53 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0101.MF7023 | 600 | 8:46 | 13:24:20.1 | +32:50:53 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0102.COMP | 15 | 8:57 | 13:24:20.1 | +32:50:53 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0103.COMP | 15 | 9:00 | 13:27:27.4 | +08:42:47 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0104.MF7047 | 900 | 9:02 | 13:27:27.4 | +08:42:47 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0105.MF7047 | 900 | 9:20 | 13:27:27.4 | +08:42:47 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0106.MF7047 | 900 | 9:36 | 13:27:27.4 | +08:42:47 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0107.COMP | 15 | 9:51 | 13:27:27.4 | +08:42:47 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0108.COMP | 15 | 9:56 | 14:03:31.2 | +09:13:15 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0109.MF7110 | 600 | 9:58 | 14:03:31.2 | +09:13:15 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0110.MF7110 | 600 | 10:10 | 14:03:31.2 | +09:13:15 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0111.MF7110 | 600 | 10:21 | 14:03:31.2 | +09:13:15 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |

UT Date 2002-03-13 Observers E. FalcoColl. Focus 960 Grating/Grism 600

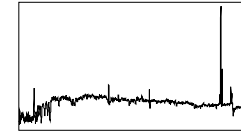
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|---------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0112.COMP | 15 | 10:32 | 14:03:31.2 | +09:13:15 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0113.COMP | 15 | 10:42 | 14:44:14.7 | +04:13:7 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0114.MF7116 | 450 | 10:43 | 14:44:14.7 | +04:13:7 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | STAR? |
| 0115.MF7116 | 120 | 11:01 | 14:44:14.7 | +04:13:7 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | STAR? |
| 0116.COMP | 15 | 11:04 | 14:44:14.7 | +04:13:7 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0117.COMP | 15 | 11:14 | 13:03:14.6 | +07:48:4 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0118.MF7096 | 450 | 11:16 | 13:03:14.6 | +07:48:4 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0119.MF7096 | 450 | 11:24 | 13:03:14.6 | +07:48:4 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0120.COMP | 15 | 11:33 | 13:03:14.6 | +07:48:4 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0121.COMP | 15 | 11:39 | 12:53:14.5 | +04:27:48 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0122.MF7079 | 600 | 11:41 | 12:53:14.5 | +04:27:48 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0123.MF7079 | 600 | 11:52 | 12:53:14.5 | +04:27:48 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0124.MF7079 | 600 | 12:03 | 12:53:14.5 | +04:27:48 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0125.COMP | 15 | 12:14 | 12:53:14.5 | +04:27:48 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0126.Feige98 | 180 | 12:17 | 14:36:04.1 | 27:42:28 | 600 | 90 | 2.0 | #56 Spectropho | 2 | |
| 0127.COMP | 15 | 12:20 | 14:36:04.1 | 27:42:28 | 600 | 90 | 2.0 | #56 Spectropho | 2 | |
| 0128.HD147677 | 1000 | 12:24 | 16:22:05.8 | 30:53:31 | 600 | 90 | 2.0 | #57 Radial Vel | 2 | |
| 0129.COMP | 15 | 12:27 | 16:22:05.8 | 30:53:31 | 600 | 90 | 2.0 | #57 Radial Vel | 2 | |
| 0130.HD147025 | 1000 | 12:28 | 16:18:23.7 | 25:53:48 | 600 | 90 | 2.0 | #57 Radial Vel | 2 | |
| 0131.COMP | 15 | 12:30 | 16:18:23.7 | 25:53:48 | 600 | 90 | 2.0 | #57 Radial Vel | 2 | |

UT Date 2002-03-13 Observers E. FalcoColl. Focus 960 Grating/Grism 600

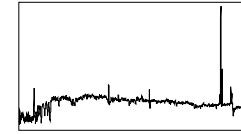
| <i>File</i> | <i>Exp Time</i> | <i>UT Start</i> | <i>RA</i> | <i>Dec</i> | <i>Gr.</i> | <i>P.A.</i> | <i>Slit</i> | <i>Program</i> | <i>Bin</i> | <i>Comments</i> |
|--------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0132.NGC5846 | 180 | 12:35 | 15:03:56.9 | 01:47:53 | 600 | 90 | 2.0 | #88f Mass Func | 2 | |
| 0133.NGC5846 | 180 | 12:38 | 15:03:56.9 | 01:47:53 | 600 | 90 | 2.0 | #88f Mass Func | 2 | |
| 0134.COMP | 15 | 12:43 | 15:03:56.9 | 01:47:53 | 600 | 90 | 2.0 | #88f Mass Func | 2 | |

UT Date 2002-03-14 Observers M CalkinsColl. Focus 960 Grating/Grism 600

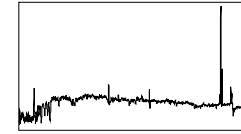
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0001.DARK | 900 | 1:42 | 05:59:01.0 | 31:30:21 | 600 | 90 | 2.0 | #88 MF | 2 | |
| 0002-0011.BIAS | 0 | 1:59 | 06:01:20.0 | 31:30:21 | 600 | 90 | 2.0 | #88 MF | 2 | |
| 0012-0019.FLAT | 35 | 2:05 | 06:08:04.0 | 31:30:22 | 600 | 90 | 2.0 | #88 MF | 2 | |
| 0020-0021.FLAT | 35 | 2:07 | 06:09:39.0 | 31:30:23 | 600 | 90 | 2.0 | #88 MF | 2 | |
| 0022.Hiltner600 | 60 | 2:28 | 06:42:37.2 | 02:11:25 | 600 | -9 | 2.0 | #56 Spectropho | 2 | |
| 0023.Hiltner600 | 60 | 2:29 | 06:42:37.2 | 02:11:25 | 600 | -9 | 2.0 | #56 Spectropho | 2 | |
| 0024.COMP | 30 | 2:30 | 06:42:37.2 | 02:11:25 | 600 | -9 | 2.0 | #56 Spectropho | 2 | |
| 0025.HD27348 | 34 | 2:35 | 04:20:24.6 | 34:34:00 | 600 | 90 | 2.0 | #57 Radial Vel | 2 | |
| 0026.COMP | 30 | 2:36 | 04:20:24.6 | 34:34:00 | 600 | 90 | 2.0 | #57 Radial Vel | 2 | |
| 0027.NGC1700 | 180 | 2:41 | 04:54:28.1 | -04:56:30 | 600 | 90 | 2.0 | #88f Mass Func | 2 | |
| 0028.NGC1700 | 180 | 2:44 | 04:54:28.1 | -04:56:30 | 600 | 90 | 2.0 | #88f Mass Func | 2 | |
| 0029.NGC1700 | 180 | 2:47 | 04:54:28.1 | -04:56:30 | 600 | 90 | 2.0 | #88f Mass Func | 2 | |
| 0030.COMP | 30 | 2:51 | 04:54:28.1 | -04:56:30 | 600 | 90 | 2.0 | #88f Mass Func | 2 | |
| 0031.MF4023 | 450 | 3:17 | 09:09:41.7 | +37:36:5 | 600 | 65 | 2.0 | #88 Mass Funct | 2 | |
| 0032.MF4023 | 450 | 3:25 | 09:09:41.7 | +37:36:5 | 600 | 65 | 2.0 | #88 Mass Funct | 2 | |
| 0033.COMP | 30 | 3:33 | 09:09:41.7 | +37:36:5 | 600 | 65 | 2.0 | #88 Mass Funct | 2 | |
| 0034.COMP | 30 | 3:37 | 08:40:03.6 | +11:00:38 | 600 | 65 | 2.0 | #88 Mass Funct | 2 | |
| 0035.MF7085 | 600 | 3:38 | 08:40:03.6 | +11:00:38 | 600 | 20 | 2.0 | #88 Mass Funct | 2 | |
| 0036.MF7085 | 600 | 3:48 | 08:40:03.6 | +11:00:38 | 600 | 20 | 2.0 | #88 Mass Funct | 2 | |
| 0037.MF7085 | 600 | 3:58 | 08:40:03.6 | +11:00:38 | 600 | 20 | 2.0 | #88 Mass Funct | 2 | |

UT Date 2002-03-14 Observers M CalkinsColl. Focus 960 Grating/Grism 600

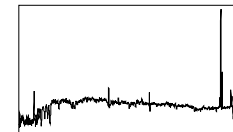
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|---------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|------------------------|
| 0038.COMP | 30 | 4:09 | 08:40:03.6 | +11:00:38 | 600 | 20 | 2.0 | #88 Mass Funct | 2 | |
| 0039.COMP | 30 | 4:14 | 10:22:34.9 | +79:49:15 | 600 | 24 | 2.0 | #88 Mass Funct | 2 | |
| 0040.MF7005 | 900 | 4:15 | 10:22:34.9 | +79:49:15 | 600 | 24 | 2.0 | #88 Mass Funct | 2 | |
| 0041.MF7005 | 900 | 4:30 | 10:22:34.9 | +79:49:15 | 600 | 24 | 2.0 | #88 Mass Funct | 2 | |
| 0042.MF7005 | 900 | 4:45 | 10:22:34.9 | +79:49:15 | 600 | 24 | 2.0 | #88 Mass Funct | 2 | |
| 0043.COMP | 30 | 5:00 | 10:22:34.9 | +79:49:15 | 600 | 24 | 2.0 | #88 Mass Funct | 2 | |
| 0044.COMP | 30 | 5:09 | 11:37:54.7 | +47:27:58 | 600 | 60 | 2.0 | #88 Mass Funct | 2 | |
| 0045.MF7078 | 900 | 5:10 | 11:37:54.7 | +47:27:58 | 600 | 60 | 2.0 | #88 Mass Funct | 2 | |
| 0046.MF7078 | 900 | 5:25 | 11:37:54.7 | +47:27:58 | 600 | 60 | 2.0 | #88 Mass Funct | 2 | |
| 0047.MF7078 | 900 | 5:40 | 11:37:54.7 | +47:27:58 | 600 | 60 | 2.0 | #88 Mass Funct | 2 | |
| 0048.COMP | 30 | 5:56 | 11:37:54.7 | +47:27:58 | 600 | 60 | 2.0 | #88 Mass Funct | 2 | |
| 0049.HD100006 | 34 | 6:00 | 11:30:29.0 | 18:24:35 | 600 | 90 | 2.0 | #57 Radial Vel | 2 | bad file - ccd rotated |
| 0050.COMP | 30 | 6:01 | 11:30:29.0 | 18:24:35 | 600 | 90 | 2.0 | #57 Radial Vel | 2 | bad file - ccd rotated |
| 0051.MF4041 | 450 | 6:06 | 11:56:07.7 | +55:23:28 | 600 | 65 | 2.0 | #88 Mass Funct | 2 | bad file - ccd rotated |
| 0052.MF4041 | 720 | 6:14 | 11:56:07.7 | +55:23:28 | 600 | 65 | 2.0 | #88 Mass Funct | 2 | bad file - ccd rotated |
| 0053.MF4041 | 720 | 6:26 | 11:56:07.7 | +55:23:28 | 600 | 65 | 2.0 | #88 Mass Funct | 2 | bad file - ccd rotated |
| 0054.COMP | 30 | 6:38 | 11:56:07.7 | +55:23:28 | 600 | 65 | 2.0 | #88 Mass Funct | 2 | bad file - ccd rotated |
| 0055.COMP | 30 | 6:40 | 09:52:04.0 | +40:51:29 | 600 | 65 | 2.0 | #88 Mass Funct | 2 | bad file - ccd rotated |
| 0056.MF7131 | 600 | 6:42 | 09:52:04.0 | +40:51:29 | 600 | 9 | 2.0 | #88 Mass Funct | 2 | bad file - ccd rotated |
| 0057.MF7131 | 600 | 6:52 | 09:52:04.0 | +40:51:29 | 600 | 9 | 2.0 | #88 Mass Funct | 2 | bad file - ccd rotated |

UT Date 2002-03-14 Observers M CalkinsColl. Focus 960 Grating/Grism 600

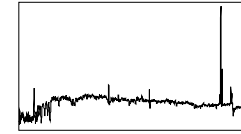
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|---------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|-------------------------------|
| 0058.MF7131 | 600 | 7:02 | 09:52:04.0 | +40:51:29 | 600 | 9 | 2.0 | #88 Mass Funct | 2 | bad file - ccd rotated |
| 0059.COMP | 30 | 7:12 | 09:52:04.0 | +40:51:29 | 600 | 9 | 2.0 | #88 Mass Funct | 2 | bad file - ccd rotated |
| 0060.HD100006 | 37 | 7:31 | 11:30:29.0 | 18:24:35 | 600 | 9 | 2.0 | #57 Radial Vel | 2 | corrected problem, redo above |
| 0061.COMP | 30 | 7:32 | 11:30:29.0 | 18:24:35 | 600 | 9 | 2.0 | #57 Radial Vel | 2 | |
| 0062.MF4041 | 450 | 7:39 | 11:56:07.7 | +55:23:28 | 600 | 9 | 2.0 | #88 Mass Funct | 2 | |
| 0063.MF4041 | 450 | 7:46 | 11:56:07.7 | +55:23:28 | 600 | 9 | 2.0 | #88 Mass Funct | 2 | |
| 0064.COMP | 30 | 7:55 | 11:56:07.7 | +55:23:28 | 600 | 9 | 2.0 | #88 Mass Funct | 2 | |
| 0065.COMP | 30 | 7:58 | 09:52:04.0 | +40:51:29 | 600 | 19 | 2.0 | #88 Mass Funct | 2 | |
| 0066.MF7131 | 600 | 7:59 | 09:52:04.0 | +40:51:29 | 600 | 19 | 2.0 | #88 Mass Funct | 2 | |
| 0067.MF7131 | 600 | 8:09 | 09:52:04.0 | +40:51:29 | 600 | 19 | 2.0 | #88 Mass Funct | 2 | |
| 0068.MF7131 | 600 | 8:20 | 09:52:04.0 | +40:51:29 | 600 | 19 | 2.0 | #88 Mass Funct | 2 | |
| 0069.COMP | 30 | 8:30 | 09:52:04.0 | +40:51:29 | 600 | 19 | 2.0 | #88 Mass Funct | 2 | |
| 0070.NGC4374 | 180 | 8:33 | 12:22:31.6 | 13:09:51 | 600 | -40 | 2.0 | #88f Mass Func | 2 | |
| 0071.NGC4374 | 180 | 8:36 | 12:22:31.6 | 13:09:51 | 600 | -40 | 2.0 | #88f Mass Func | 2 | |
| 0072.NGC4374 | 180 | 8:40 | 12:22:31.6 | 13:09:51 | 600 | -40 | 2.0 | #88f Mass Func | 2 | |
| 0073.COMP | 30 | 8:43 | 12:22:31.6 | 13:09:51 | 600 | -40 | 2.0 | #88f Mass Func | 2 | |
| 0074.COMP | 30 | 8:46 | 13:44:04.7 | +03:54:20 | 600 | 100 | 2.0 | #88 Mass Funct | 2 | |
| 0075.MF7084 | 600 | 8:47 | 13:44:04.7 | +03:54:20 | 600 | 100 | 2.0 | #88 Mass Funct | 2 | |
| 0076.MF7084 | 600 | 8:58 | 13:44:04.7 | +03:54:20 | 600 | 100 | 2.0 | #88 Mass Funct | 2 | |
| 0077.MF7084 | 600 | 9:08 | 13:44:04.7 | +03:54:20 | 600 | 100 | 2.0 | #88 Mass Funct | 2 | |

UT Date 2002-03-14 Observers M CalkinsColl. Focus 960 Grating/Grism 600

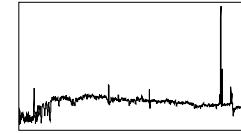
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|-------------------------------|
| 0078.COMP | 30 | 9:18 | 13:44:04.7 | +03:54:20 | 600 | 100 | 2.0 | #88 Mass Funct | 2 | |
| 0079.COMP | 30 | 9:22 | 12:28:41.2 | +26:47:53 | 600 | 100 | 2.0 | #88 Mass Funct | 2 | |
| 0080.MF0033 | 900 | 9:23 | 12:28:41.2 | +26:47:53 | 600 | -25 | 2.0 | #88 Mass Funct | 2 | |
| 0081.MF0033 | 900 | 9:39 | 12:28:41.2 | +26:47:53 | 600 | -25 | 2.0 | #88 Mass Funct | 2 | |
| 0082.MF0033 | 900 | 9:54 | 12:28:41.2 | +26:47:53 | 600 | -25 | 2.0 | #88 Mass Funct | 2 | |
| 0083.COMP | 30 | 10:09 | 12:28:41.2 | +26:47:53 | 600 | -25 | 2.0 | #88 Mass Funct | 2 | |
| 0084.MF4056 | 450 | 10:14 | 12:27:48.1 | +50:23:16 | 600 | 10 | 2.0 | #88 Mass Funct | 2 | |
| 0085.MF4056 | 450 | 10:22 | 12:27:48.1 | +50:23:16 | 600 | 10 | 2.0 | #88 Mass Funct | 2 | |
| 0086.COMP | 30 | 10:30 | 12:27:48.1 | +50:23:16 | 600 | 10 | 2.0 | #88 Mass Funct | 2 | |
| 0087.MF7101 | 450 | 10:34 | 13:35:24.5 | +01:24:38 | 600 | -45 | 2.0 | #88 Mass Funct | 2 | |
| 0088.MF7101 | 450 | 10:42 | 13:35:24.5 | +01:24:38 | 600 | -45 | 2.0 | #88 Mass Funct | 2 | |
| 0089.COMP | 30 | 10:50 | 13:35:24.5 | +01:24:38 | 600 | -45 | 2.0 | #88 Mass Funct | 2 | |
| 0090.MF0037 | 450 | 10:53 | 13:06:03.5 | +35:58:49 | 600 | 0 | 2.0 | #88 Mass Funct | 2 | |
| 0091.MF0037 | 450 | 11:01 | 13:06:03.5 | +35:58:49 | 600 | 0 | 2.0 | #88 Mass Funct | 2 | humidity increasing |
| 0092.COMP | 30 | 11:09 | 13:06:03.5 | +35:58:49 | 600 | 0 | 2.0 | #88 Mass Funct | 2 | |
| 0093.COMP | 30 | 11:12 | 13:56:19.1 | +28:32:11 | 600 | 0 | 2.0 | #88 Mass Funct | 2 | |
| 0094.MF7053 | 600 | 11:13 | 13:56:19.1 | +28:32:11 | 600 | 45 | 2.0 | #88 Mass Funct | 2 | |
| 0095.MF7053 | 600 | 11:23 | 13:56:19.1 | +28:32:11 | 600 | 45 | 2.0 | #88 Mass Funct | 2 | |
| 0096.MF7053 | 600 | 11:33 | 13:56:19.1 | +28:32:11 | 600 | 45 | 2.0 | #88 Mass Funct | 2 | air saturated |
| 0097.COMP | 30 | 11:44 | 13:56:19.1 | +28:32:11 | 600 | 45 | 2.0 | #88 Mass Funct | 2 | wait for humidity to decrease |

UT Date 2002-03-14 Observers M CalkinsColl. Focus 960 Grating/Grism 600

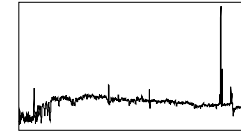
| <i>File</i> | <i>Exp Time</i> | <i>UT Start</i> | <i>RA</i> | <i>Dec</i> | <i>Gr.</i> | <i>P.A.</i> | <i>Slit</i> | <i>Program</i> | <i>Bin</i> | <i>Comments</i> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0098-0107.BIAS | 0 | 12:10 | 13:56:19.1 | +28:32:11 | 600 | 45 | 2.0 | #88 Mass Funct | 2 | |
| 0108-0117.FLAT | 35 | 12:18 | 13:56:19.1 | +28:32:11 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |
| 0118-0127.DARK | 900 | 14:36 | 13:56:19.1 | +28:32:11 | 600 | 90 | 2.0 | #88 Mass Funct | 2 | |

UT Date 2002-03-15 Observers M CalkinsColl. Focus 960 Grating/Grism 300

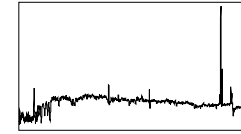
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-----------------|----------|----------|------------|----------|-----|------|------|----------------|-----|----------|
| 0001.DARK | 900 | 23:23 | 03:43:56.0 | 31:30:01 | 300 | 90 | 3.0 | none | 4 | |
| 0002.DARK | 900 | 23:38 | 03:59:07.0 | 31:30:03 | 300 | 90 | 3.0 | none | 4 | |
| 0003.DARK | 900 | 23:53 | 04:14:18.0 | 31:30:05 | 300 | 90 | 3.0 | none | 4 | |
| 0004.DARK | 900 | 0:08 | 04:29:25.0 | 31:30:07 | 300 | 90 | 3.0 | none | 4 | |
| 0005.DARK | 900 | 0:23 | 04:44:36.0 | 31:30:09 | 300 | 90 | 3.0 | none | 4 | |
| 0006.DARK | 900 | 0:39 | 04:59:43.0 | 31:30:11 | 300 | 90 | 3.0 | none | 4 | |
| 0007.DARK | 900 | 0:54 | 05:14:54.0 | 31:30:14 | 300 | 90 | 3.0 | none | 4 | |
| 0008.DARK | 900 | 1:09 | 05:30:02.0 | 31:30:16 | 300 | 90 | 3.0 | none | 4 | |
| 0009.DARK | 900 | 1:24 | 05:45:13.0 | 31:30:19 | 300 | 90 | 3.0 | none | 4 | |
| 0010.DARK | 900 | 1:39 | 06:00:23.0 | 31:30:21 | 300 | 90 | 3.0 | none | 4 | |
| 0011-0020.BIAS | 0 | 1:55 | 06:01:42.0 | 31:30:21 | 300 | 90 | 3.0 | none | 4 | |
| 0021.FLAT | 6 | 1:56 | 06:02:26.0 | 31:30:21 | 300 | 90 | 3.0 | none | 4 | |
| 0022-0030.FLAT | 6 | 1:58 | 06:04:23.0 | 31:30:22 | 300 | 90 | 3.0 | none | 4 | |
| 0031-0040.BIAS | 0 | 2:01 | 06:07:20.0 | 31:30:22 | 300 | 90 | 3.0 | none | 2 | |
| 0041-0050.FLAT | 12 | 2:05 | 06:11:58.0 | 31:30:23 | 300 | 90 | 3.0 | none | 2 | |
| 0051.Hiltner600 | 50 | 2:15 | 06:42:37.2 | 02:11:25 | 300 | 90 | 3.0 | #56 Spectropho | 4 | |
| 0052.Hiltner600 | 50 | 2:16 | 06:42:37.2 | 02:11:25 | 300 | 90 | 3.0 | #56 Spectropho | 4 | |
| 0053.COMP | 5 | 2:18 | 06:42:37.2 | 02:11:25 | 300 | 90 | 3.0 | #56 Spectropho | 4 | |
| 0054.Hiltner600 | 50 | 2:20 | 06:42:37.2 | 02:11:25 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0055.Hiltner600 | 50 | 2:21 | 06:42:37.2 | 02:11:25 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |

UT Date 2002-03-15 Observers M CalkinsColl. Focus 960 Grating/Grism 300

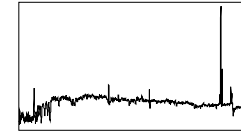
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0056.COMP | 12 | 2:22 | 06:42:37.2 | 02:11:25 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0057.Hiltner600 | 50 | 2:24 | 06:42:37.2 | 02:11:25 | 300 | -7 | 3.0 | #56 Spectropho | 2 | |
| 0058.Hiltner600 | 50 | 2:26 | 06:42:37.2 | 02:11:25 | 300 | -7 | 3.0 | #56 Spectropho | 2 | |
| 0059.COMP | 12 | 2:27 | 06:42:37.2 | 02:11:25 | 300 | -7 | 3.0 | #56 Spectropho | 2 | |
| 0060.HD52971 | 2 | 2:33 | 06:57:51 | +27:13:42 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0061.COMP | 5 | 2:33 | 06:57:51 | +27:13:42 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0062.HD52971 | 2 | 2:34 | 06:57:51 | +27:13:42 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0063.COMP | 12 | 2:34 | 06:57:51 | +27:13:42 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0064.BGGem | 600 | 2:41 | 6:03:31 | 27:41:50 | 300 | 90 | 3.0 | #100 BGGem | 2 | |
| 0065.COMP | 12 | 2:52 | 6:03:31 | 27:41:50 | 300 | 90 | 3.0 | #100 BGGem | 2 | |
| 0066.BGGem | 1200 | 2:52 | 6:03:31 | 27:41:50 | 300 | 90 | 3.0 | #100 BGGem | 2 | |
| 0067.COMP | 12 | 3:13 | 6:03:31 | 27:41:50 | 300 | 90 | 3.0 | #100 BGGem | 2 | |
| 0068.vso-23144 | 600 | 3:16 | 05:03:13.8 | 00:43:15 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0069.COMP | 12 | 3:27 | 05:03:13.8 | 00:43:15 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0070.vso-25916 | 1020 | 3:29 | 05:06:49.1 | 00:34:33 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0071.COMP | 12 | 3:47 | 05:06:49.1 | 00:34:33 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0072.vso-29491 | 1020 | 3:49 | 05:11:00.0 | 00:27:18 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0073.COMP | 12 | 4:06 | 05:11:00.0 | 00:27:18 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0074.vso-31911 | 1020 | 4:09 | 05:13:41.3 | 00:39:30 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0075.COMP | 12 | 4:26 | 05:13:41.3 | 00:39:30 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |

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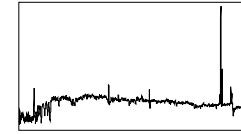
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|-------------------------|
| 0076.vso-32585 | 960 | 4:28 | 05:14:22.0 | 00:40:18 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0077.COMP | 12 | 4:45 | 05:14:22.0 | 00:40:18 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0078.sn2002bf | 1020 | 4:52 | 10:15:42.3 | +55:40:06 | 300 | 35 | 3.0 | #2 SN Observat | 2 | |
| 0079.sn2002bf | 1020 | 5:09 | 10:15:42.3 | +55:40:06 | 300 | 35 | 3.0 | #2 SN Observat | 2 | |
| 0080.COMP | 12 | 5:26 | 10:15:42.3 | +55:40:06 | 300 | 35 | 3.0 | #2 SN Observat | 2 | |
| 0081.sn2002bo | 1200 | 5:40 | 10:18:06.5 | +21:49:41 | 300 | -14 | 3.0 | #2 SN Observat | 2 | |
| 0082.COMP | 12 | 6:00 | 10:18:06.5 | +21:49:41 | 300 | -14 | 3.0 | #2 SN Observat | 2 | |
| 0083.sn2002XX | 1200 | 6:07 | 10:34:08.9 | +19:42:20 | 300 | -21 | 3.0 | #2 SN Observat | 2 | |
| 0084.COMP | 12 | 6:28 | 10:34:08.9 | +19:42:20 | 300 | -21 | 3.0 | #2 SN Observat | 2 | |
| 0085.FLAT | 40 | 6:34 | 10:34:08.9 | +19:42:20 | 600 | 90 | 2.0 | #122 Halo Star | 4 | 600L, 2 arsec, tilt=430 |
| 0086-0094.FLAT | 40 | 6:41 | 10:34:08.9 | +19:42:20 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0095.Feige34 | 120 | 6:46 | 10:36:41.2 | 43:21:50 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0096.COMP | 10 | 6:48 | 10:36:41.2 | 43:21:50 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0097.hs815 | 1200 | 6:50 | 11:31:06.5 | 28:55:26 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0098.COMP | 10 | 7:11 | 11:31:06.5 | 28:55:26 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0099.hs819 | 1080 | 7:12 | 11:36:37.9 | 28:48:25 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0100.COMP | 10 | 7:31 | 11:36:37.9 | 28:48:25 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0101.hs821 | 1200 | 7:33 | 11:38:39.2 | 29:21:56 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0102.COMP | 10 | 7:53 | 11:38:39.2 | 29:21:56 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0103.hs822 | 1200 | 7:56 | 11:43:15.0 | 28:52:52 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |

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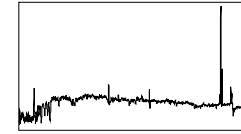
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|------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|------------------------------|
| 0104.COMP | 10 | 8:16 | 11:43:15.0 | 28:52:52 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0105.hs825 | 1200 | 8:18 | 11:46:15.9 | 29:36:24 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0106.COMP | 10 | 8:39 | 11:46:15.9 | 29:36:24 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0107.hs826 | 1200 | 8:43 | 11:47:59.4 | 29:36:43 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0108.COMP | 10 | 9:03 | 11:47:59.4 | 29:36:43 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0109.hs845 | 1200 | 9:05 | 12:10:01.0 | 30:17:34 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0110.COMP | 10 | 9:25 | 12:10:01.0 | 30:17:34 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0111.hs848 | 1200 | 9:27 | 12:13:04.3 | 30:16:37 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0112.COMP | 10 | 9:47 | 12:13:04.3 | 30:16:37 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0113.hs849 | 1200 | 9:48 | 12:13:45.4 | 30:03:01 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0114.COMP | 10 | 10:09 | 12:13:45.4 | 30:03:01 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0115.hs856 | 1200 | 10:10 | 12:26:10.2 | 30:07:12 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0116.COMP | 10 | 10:31 | 12:26:10.2 | 30:07:12 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0117.hs860 | 1200 | 10:33 | 12:33:24.5 | 29:12:53 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0118.COMP | 10 | 10:54 | 12:33:24.5 | 29:12:53 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0119.MRK421 | 300 | 11:16 | 11:04:27.4 | +38:12:32 | 300 | 90 | 3.0 | #133 MRK421 | 2 | normal setup |
| 0120.MRK421 | 300 | 11:21 | 11:04:27.4 | +38:12:32 | 300 | 90 | 3.0 | #133 MRK421 | 2 | |
| 0121.MRK421 | 240 | 11:27 | 11:04:27.4 | +38:12:32 | 300 | 90 | 3.0 | #133 MRK421 | 2 | shorten to avoid tele limits |
| 0122.COMP | 12 | 11:31 | 11:04:27.4 | +38:12:32 | 300 | 90 | 3.0 | #133 MRK421 | 2 | |
| 0123.FSVSJ162548 | 1200 | 11:38 | 16:25:48.1 | 26:44:33 | 300 | 95 | 3.0 | #131 FSVS | 2 | |

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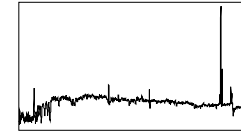
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|------------------|----------|----------|------------|----------|-----|------|------|----------------|-----|----------|
| 0124.FSVSJ162548 | 1200 | 11:58 | 16:25:48.1 | 26:44:33 | 300 | 95 | 3.0 | #131 FSVS | 2 | |
| 0125.COMP | 12 | 12:19 | 16:25:48.1 | 26:44:33 | 300 | 95 | 3.0 | #131 FSVS | 2 | |
| 0126.FSVSJ162710 | 1200 | 12:22 | 16:27:10.0 | 26:26:56 | 300 | 80 | 3.0 | #131 FSVS | 2 | |
| 0127.COMP | 12 | 12:42 | 16:27:10.0 | 26:26:56 | 300 | 80 | 3.0 | #131 FSVS | 2 | |
| 0128.BDp332642 | 60 | 12:48 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0129.COMP | 12 | 12:49 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0130.BDp332642 | 60 | 12:50 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #56 Spectropho | 4 | |
| 0131.COMP | 5 | 12:52 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #56 Spectropho | 4 | |
| 0132-0136.sky | 2 | 13:12 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0137.COMP | 5 | 13:12 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0138-0147.BIAS | 0 | 13:14 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0148-0157.FLAT | 6 | 13:17 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0158-0167.BIAS | 0 | 13:19 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0168-0177.FLAT | 12 | 13:24 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0178-0187.DARK | 900 | 15:43 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |

UT Date 2002-03-16 Observers M CalkinsColl. Focus 960 Grating/Grism 300

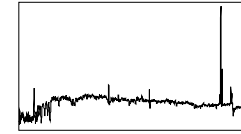
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0001-0010.DARK | 900 | 0:35 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0011-0020.BIAS | 0 | 0:57 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0021-0030.FLAT | 6 | 1:00 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0031-0040.BIAS | 0 | 1:03 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0041-0050.FLAT | 12 | 1:24 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0051-0055.sky | 2 | 1:55 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0056.COMP | 5 | 1:55 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0057.Hiltner600 | 50 | 2:16 | 06:42:37.2 | 02:11:25 | 300 | 90 | 3.0 | #56 Spectropho | 4 | |
| 0058.Hiltner600 | 50 | 2:16 | 06:42:37.2 | 02:11:25 | 300 | 90 | 3.0 | #56 Spectropho | 4 | |
| 0059.COMP | 5 | 2:18 | 06:42:37.2 | 02:11:25 | 300 | 90 | 3.0 | #56 Spectropho | 4 | |
| 0060.Hiltner600 | 50 | 2:18 | 06:42:37.2 | 02:11:25 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0061.Hiltner600 | 50 | 2:19 | 06:42:37.2 | 02:11:25 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0062.COMP | 12 | 2:21 | 06:42:37.2 | 02:11:25 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0063.Akn120 | 180 | 2:23 | 05:13:38.0 | -00:12:15 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | row=79 |
| 0064.COMP | 12 | 2:26 | 05:13:38.0 | -00:12:15 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0065.vso-40136 | 600 | 2:28 | 05:22:33.3 | 00:30:41 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0066.COMP | 12 | 2:39 | 05:22:33.3 | 00:30:41 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0067.vso-40170 | 660 | 2:42 | 05:22:34.6 | 00:50:26 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0068.COMP | 12 | 2:54 | 05:22:34.6 | 00:50:26 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0069.vso-42205 | 780 | 2:55 | 05:24:26.8 | 00:29:21 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |

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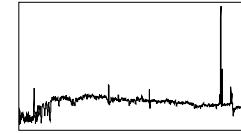
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|----------------|----------|----------|------------|----------|------|------|------|----------------|-----|--------------------------------|
| 0070.COMP | 12 | 3:09 | 05:24:26.8 | 00:29:21 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0071.vso-46758 | 720 | 3:11 | 05:28:31.5 | 00:48:19 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0072.COMP | 12 | 3:23 | 05:28:31.5 | 00:48:19 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0073.vso-47079 | 660 | 3:25 | 05:28:47.1 | 00:45:31 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0074.COMP | 12 | 3:36 | 05:28:47.1 | 00:45:31 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0075.vso-47524 | 1080 | 3:37 | 05:29:11.3 | 00:34:02 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0076.COMP | 12 | 3:56 | 05:29:11.3 | 00:34:02 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0077.vso-48300 | 1020 | 3:57 | 05:29:52.7 | 00:46:45 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0078.COMP | 12 | 4:15 | 05:29:52.7 | 00:46:45 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0079.vso-48389 | 1200 | 4:17 | 05:29:57.4 | 00:39:23 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0080.COMP | 12 | 4:37 | 05:29:57.4 | 00:39:23 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0081.FLAT | 60 | 4:47 | 05:29:57.4 | 00:39:23 | 1200 | 90 | 2.0 | #99 Willies M6 | 2 | 1200L, 2 arcsec, tilt=534 |
| 0082-0090.FLAT | 60 | 4:58 | 05:29:57.4 | 00:39:23 | 1200 | 90 | 2.0 | #99 Willies M6 | 2 | |
| 0091.67-972 | 1200 | 5:05 | 8:51:17.6 | 11:44:29 | 1200 | 90 | 2.0 | #99 Willies M6 | 2 | row=120 |
| 0092.COMP | 60 | 5:25 | 8:51:17.6 | 11:44:29 | 1200 | 90 | 2.0 | #99 Willies M6 | 2 | |
| 0093.COMP | 30 | 5:29 | 8:51:17.6 | 11:44:29 | 1200 | 90 | 2.0 | #99 Willies M6 | 2 | possibly better comp for above |
| 0094.FLAT | 45 | 5:35 | 8:51:17.6 | 11:44:29 | 600 | 90 | 2.0 | #10 M67 Stars | 2 | 600L, 2 arcsec, tilt=430 |
| 0095-0103.FLAT | 45 | 5:44 | 8:51:17.6 | 11:44:29 | 600 | 90 | 2.0 | #10 M67 Stars | 2 | |
| 0104.Feige34 | 150 | 5:54 | 10:36:41.2 | 43:21:50 | 600 | 35 | 2.0 | #56 Spectropho | 2 | |
| 0105.COMP | 30 | 5:57 | 10:36:41.2 | 43:21:50 | 600 | 35 | 2.0 | #56 Spectropho | 2 | |

UT Date 2002-03-16 Observers M CalkinsColl. Focus 960 Grating/Grism 300

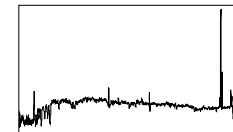
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|---------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0106.HD102212 | 1 | 6:01 | 11:43:17.3 | 06:48:34 | 600 | 35 | 2.0 | #10 M67 stars | 2 | |
| 0107.COMP | 30 | 6:02 | 11:43:17.3 | 06:48:34 | 600 | 35 | 2.0 | #10 M67 stars | 2 | |
| 0108.m67_6408 | 900 | 6:06 | 8:52:11.3 | 11:45:37 | 600 | 40 | 2.0 | #10 M67 stars | 2 | |
| 0109.COMP | 30 | 6:22 | 8:52:11.3 | 11:45:37 | 600 | 40 | 2.0 | #10 M67 stars | 2 | |
| 0110.m67_5969 | 900 | 6:24 | 8:51:34.2 | 11:49:43 | 600 | 45 | 2.0 | #10 M67 stars | 2 | |
| 0111.COMP | 30 | 6:39 | 8:51:34.2 | 11:49:43 | 600 | 45 | 2.0 | #10 M67 stars | 2 | |
| 0112.m67_6034 | 900 | 6:42 | 8:51:37.9 | 11:58:49 | 600 | 49 | 2.0 | #10 M67 stars | 2 | |
| 0113.COMP | 30 | 6:57 | 8:51:37.9 | 11:58:49 | 600 | 49 | 2.0 | #10 M67 stars | 2 | |
| 0114.m67_6259 | 900 | 6:59 | 8:51:56.1 | 11:50:14 | 600 | 52 | 2.0 | #10 M67 stars | 2 | |
| 0115.COMP | 30 | 7:15 | 8:51:56.1 | 11:50:14 | 600 | 52 | 2.0 | #10 M67 stars | 2 | |
| 0116.sn2002bf | 1200 | 7:24 | 10:15:42.3 | +55:40:06 | 300 | -37 | 3.0 | #2 SN Observat | 2 | |
| 0117.COMP | 12 | 7:45 | 10:15:42.3 | +55:40:06 | 300 | 89 | 3.0 | #2 SN Observat | 2 | |
| 0118.sn2002bo | 1200 | 7:52 | 10:18:06.5 | +21:49:41 | 300 | 60 | 3.0 | #2 SN Observat | 2 | |
| 0119.COMP | 12 | 8:12 | 10:18:06.5 | +21:49:41 | 300 | 60 | 3.0 | #2 SN Observat | 2 | |
| 0120.Feige34 | 90 | 8:16 | 10:36:41.2 | 43:21:50 | 300 | 110 | 3.0 | #56 Spectropho | 2 | |
| 0121.COMP | 12 | 8:18 | 10:36:41.2 | 43:21:50 | 300 | 110 | 3.0 | #56 Spectropho | 2 | |
| 0122.MRK110 | 360 | 8:20 | 09:25:12.9 | +52:17:10 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0123.COMP | 12 | 8:27 | 09:25:12.9 | +52:17:10 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0124.N3227 | 90 | 8:28 | 10:23:30.6 | +19:51:54 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0125.N3227 | 90 | 8:30 | 10:23:30.6 | +19:51:54 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |

UT Date 2002-03-16 Observers M CalkinsColl. Focus 960 Grating/Grism 300

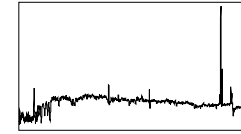
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|---------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|--------------------------|
| 0126.N3227 | 90 | 8:32 | 10:23:30.6 | +19:51:54 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0127.COMP | 12 | 8:34 | 10:23:30.6 | +19:51:54 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0128.MRK421 | 300 | 8:35 | 11:04:27.4 | +38:12:32 | 300 | 90 | 3.0 | #133 MRK421 | 2 | |
| 0129.MRK421 | 300 | 8:40 | 11:04:27.4 | +38:12:32 | 300 | 90 | 3.0 | #133 MRK421 | 2 | |
| 0130.MRK421 | 300 | 8:45 | 11:04:27.4 | +38:12:32 | 300 | 90 | 3.0 | #133 MRK421 | 2 | |
| 0131.COMP | 12 | 8:51 | 11:04:27.4 | +38:12:32 | 300 | 90 | 3.0 | #133 MRK421 | 2 | |
| 0132.N4051 | 120 | 8:52 | 12:03:09.7 | +44:31:53 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0133.N4051 | 120 | 8:54 | 12:03:09.7 | +44:31:53 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0134.COMP | 12 | 8:57 | 12:03:09.7 | +44:31:53 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0135.N4151 | 30 | 8:58 | 12:10:32.6 | +39:24:21 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0136.N4151 | 30 | 8:59 | 12:10:32.6 | +39:24:21 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0137.N4151 | 30 | 9:00 | 12:10:32.6 | +39:24:21 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0138.COMP | 12 | 9:01 | 12:10:32.6 | +39:24:21 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0139.N5548 | 90 | 9:02 | 14:17:59.6 | +25:08:12 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0140.N5548 | 90 | 9:04 | 14:17:59.6 | +25:08:12 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0141.N5548 | 90 | 9:05 | 14:17:59.6 | +25:08:12 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0142.COMP | 12 | 9:07 | 14:17:59.6 | +25:08:12 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0143.sn2002bm | 1200 | 9:12 | 12:30:16.9 | -08:23:34 | 300 | 16 | 3.0 | #2 SN Observat | 2 | |
| 0144.COMP | 12 | 9:32 | 12:30:16.9 | -08:23:34 | 300 | 16 | 3.0 | #2 SN Observat | 2 | |
| 0145.FLAT | 40 | 9:38 | 12:30:16.9 | -08:23:34 | 600 | 90 | 2.0 | #122 Halo Star | 4 | 600L, 2 arcsec, tilt=430 |

UT Date 2002-03-16 Observers M CalkinsColl. Focus 960 Grating/Grism 300

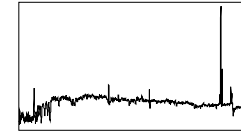
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|--------------|
| 0146-0154.FLAT | 40 | 9:45 | 12:30:16.9 | -08:23:34 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0155.Feige34 | 120 | 9:48 | 10:36:41.2 | 43:21:50 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0156.COMP | 10 | 9:51 | 10:36:41.2 | 43:21:50 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0157.hs844 | 1200 | 9:54 | 12:07:53.5 | 29:40:35 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0158.COMP | 10 | 10:14 | 12:07:53.5 | 29:40:35 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0159.hs846 | 1200 | 10:19 | 12:11:20.9 | 29:19:28 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0160.COMP | 10 | 10:41 | 12:11:20.9 | 29:19:28 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0161.hs850 | 900 | 10:42 | 12:15:06.3 | 28:56:12 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0162.hs850 | 900 | 10:57 | 12:15:06.3 | 28:56:12 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0163.COMP | 10 | 11:13 | 12:15:06.3 | 28:56:12 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0164.hs851 | 1020 | 11:14 | 12:15:39.2 | 29:30:43 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0165.hs851 | 1020 | 11:31 | 12:15:39.2 | 29:30:43 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0166.COMP | 10 | 11:49 | 12:15:39.2 | 29:30:43 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0167.FSVSJ162418 | 1200 | 11:57 | 16:24:18.6 | 26:58:16 | 300 | 90 | 3.0 | #131 FSVS | 2 | normal setup |
| 0168.COMP | 12 | 12:17 | 16:24:18.6 | 26:58:16 | 300 | 90 | 3.0 | #131 FSVS | 2 | |
| 0169.FSVSJ162409 | 1020 | 12:18 | 16:24:09.1 | 27:22:06 | 300 | 90 | 3.0 | #131 FSVS | 2 | |
| 0170.COMP | 12 | 12:36 | 16:24:09.1 | 27:22:06 | 300 | 90 | 3.0 | #131 FSVS | 2 | |
| 0171.BDp332642 | 90 | 12:45 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0172.COMP | 12 | 12:47 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0173.N5866 | 180 | 12:49 | 15:05:07.2 | +55:57:18 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |

UT Date 2002-03-16 Observers M CalkinsColl. Focus 960 Grating/Grism 300

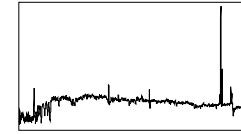
| <i>File</i> | <i>Exp Time</i> | <i>UT Start</i> | <i>RA</i> | <i>Dec</i> | <i>Gr.</i> | <i>P.A.</i> | <i>Slit</i> | <i>Program</i> | <i>Bin</i> | <i>Comments</i> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0174.COMP | 12 | 12:52 | 15:05:07.2 | +55:57:18 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0175-0184.BIAS | 0 | 12:56 | 15:05:07.2 | +55:57:18 | 300 | 90 | 3.0 | #131 FSVS | 4 | |
| 0185-0194.FLAT | 6 | 12:59 | 15:05:07.2 | +55:57:18 | 300 | 90 | 3.0 | #131 FSVS | 4 | |
| 0195-0204.BIAS | 0 | 13:01 | 15:05:07.2 | +55:57:18 | 300 | 90 | 3.0 | #131 FSVS | 2 | |
| 0205-0214.FLAT | 12 | 13:05 | 15:05:07.2 | +55:57:18 | 300 | 90 | 3.0 | #131 FSVS | 2 | |
| 0215-0224.DARK | 900 | 15:23 | 15:05:07.2 | +55:57:18 | 300 | 90 | 3.0 | #131 FSVS | 2 | |

UT Date 2002-03-17 Observers M CalkinsColl. Focus 960 Grating/Grism 300

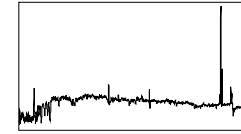
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|-------------------|
| 0001-0010.DARK | 900 | 1:00 | 15:05:07.2 | +55:57:18 | 300 | 90 | 3.0 | #131 FSVS | 4 | |
| 0011-0020.BIAS | 0 | 1:24 | 15:05:07.2 | +55:57:18 | 300 | 90 | 3.0 | #131 FSVS | 4 | |
| 0021-0030.FLAT | 6 | 1:28 | 15:05:07.2 | +55:57:18 | 300 | 90 | 3.0 | #131 FSVS | 4 | |
| 0031-0040.BIAS | 0 | 1:30 | 15:05:07.2 | +55:57:18 | 300 | 90 | 3.0 | #131 FSVS | 2 | |
| 0041-0050.FLAT | 12 | 1:34 | 15:05:07.2 | +55:57:18 | 300 | 90 | 3.0 | #131 FSVS | 2 | |
| 0051-0055.sky | 2 | 1:44 | 15:05:07.2 | +55:57:18 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0056.COMP | 12 | 1:44 | 15:05:07.2 | +55:57:18 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0057.Hiltner600 | 50 | 2:21 | 06:42:37.2 | 02:11:25 | 300 | 90 | 3.0 | #56 Spectropho | 4 | Lot |
| 0058.Hiltner600 | 50 | 2:22 | 06:42:37.2 | 02:11:25 | 300 | 90 | 3.0 | #56 Spectropho | 4 | But great seeing! |
| 0059.COMP | 5 | 2:23 | 06:42:37.2 | 02:11:25 | 300 | 90 | 3.0 | #56 Spectropho | 4 | |
| 0060.Hiltner600 | 50 | 2:24 | 06:42:37.2 | 02:11:25 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0061.Hiltner600 | 50 | 2:25 | 06:42:37.2 | 02:11:25 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0062.COMP | 12 | 2:27 | 06:42:37.2 | 02:11:25 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0063.Hiltner600 | 50 | 2:29 | 06:42:37.2 | 02:11:25 | 300 | -2 | 3.0 | #56 Spectropho | 2 | |
| 0064.Hiltner600 | 50 | 2:30 | 06:42:37.2 | 02:11:25 | 300 | -2 | 3.0 | #56 Spectropho | 2 | |
| 0065.COMP | 12 | 2:31 | 06:42:37.2 | 02:11:25 | 300 | -2 | 3.0 | #56 Spectropho | 2 | |
| 0066.BGGem | 660 | 2:33 | 6:03:31 | 27:41:50 | 300 | 90 | 3.0 | #100 BGGem | 2 | |
| 0067.COMP | 12 | 2:45 | 6:03:31 | 27:41:50 | 300 | 90 | 3.0 | #100 BGGem | 2 | |
| 0068.BGGem | 1200 | 2:46 | 6:03:31 | 27:41:50 | 300 | 90 | 3.0 | #100 BGGem | 2 | |
| 0069.COMP | 12 | 3:06 | 6:03:31 | 27:41:50 | 300 | 90 | 3.0 | #100 BGGem | 2 | |

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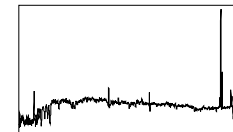
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|----------|------|------|------|----------------|-----|-----------------------------------|
| 0070.vso-62752 | 1020 | 3:08 | 05:42:39.8 | 00:52:18 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0071.COMP | 12 | 3:26 | 05:42:39.8 | 00:52:18 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0072.vso-64164 | 1200 | 3:27 | 05:43:49.7 | 00:35:36 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0073.COMP | 12 | 3:47 | 05:43:49.7 | 00:35:36 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0074.vso-64986 | 1200 | 3:49 | 05:44:26.5 | 00:45:14 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0075.COMP | 1200 | 4:09 | 05:44:26.5 | 00:45:14 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0076.vso-65472 | 1200 | 4:17 | 05:44:51.6 | 00:24:49 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0077.COMP | 12 | 4:38 | 05:44:51.6 | 00:24:49 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0078.vso-65540 | 1200 | 4:39 | 05:44:54.6 | 00:27:03 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0079.COMP | 12 | 4:59 | 05:44:54.6 | 00:27:03 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0080.FLAT | 60 | 5:06 | 8:51:17.6 | 11:44:29 | 1200 | 90 | 2.0 | #99 Willie s M | 2 | 1200L, 2 arcsec, tilt=534 |
| 0081-0089.FLAT | 60 | 5:17 | 8:51:17.6 | 11:44:29 | 1200 | 90 | 2.0 | #99 Willie s M | 2 | |
| 0090.67-972 | 1200 | 5:21 | 8:51:17.6 | 11:44:29 | 1200 | 90 | 2.0 | #99 Willie s M | 2 | row=98 |
| 0091.COMP | 25 | 5:42 | 8:51:17.6 | 11:44:29 | 1200 | 90 | 2.0 | #99 Willie s M | 2 | |
| 0092.FLAT | 45 | 5:47 | 8:51:17.6 | 11:44:29 | 600 | 90 | 2.0 | #10 M67 stars | 2 | 600L, 2 arcsec, tilt=430, binby 2 |
| 0093-0101.FLAT | 45 | 5:56 | 8:51:17.6 | 11:44:29 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0102.HD78712 | 2 | 6:01 | 09:10:38.7 | 30:57:47 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0103.COMP | 30 | 6:02 | 09:10:38.7 | 30:57:47 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0104.Feige34 | 150 | 6:05 | 10:36:41.2 | 43:21:50 | 600 | 90 | 2.0 | #56 Spectropho | 2 | |
| 0105.COMP | 30 | 6:08 | 10:36:41.2 | 43:21:50 | 600 | 90 | 2.0 | #56 Spectropho | 2 | |

UT Date 2002-03-17 Observers M CalkinsColl. Focus 960 Grating/Grism 300

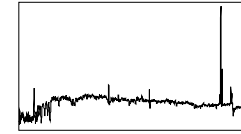
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|-----------------------------------|
| 0106.m67_5228 | 1080 | 6:13 | 8:50:49.9 | 11:49:12 | 600 | 44 | 2.0 | #10 M67 stars | 2 | |
| 0107.COMP | 30 | 6:31 | 8:50:49.9 | 11:49:12 | 600 | 44 | 2.0 | #10 M67 stars | 2 | |
| 0108.m67_5855 | 1020 | 6:34 | 8:51:29.3 | 11:45:27 | 600 | 44 | 2.0 | #10 M67 stars | 2 | |
| 0109.COMP | 30 | 6:51 | 8:51:29.3 | 11:45:27 | 600 | 44 | 2.0 | #10 M67 stars | 2 | row=78 |
| 0110.m67_6114 | 1020 | 6:53 | 8:51:44.7 | 11:46:45 | 600 | 52 | 2.0 | #10 M67 stars | 2 | |
| 0111.COMP | 30 | 7:11 | 8:51:44.7 | 11:46:45 | 600 | 52 | 2.0 | #10 M67 stars | 2 | |
| 0112.m67_5336 | 1020 | 7:13 | 8:50:59.7 | 11:39:22 | 600 | 54 | 2.0 | #10 M67 stars | 2 | |
| 0113.COMP | 30 | 7:31 | 8:50:59.7 | 11:39:22 | 600 | 54 | 2.0 | #10 M67 stars | 2 | |
| 0114.sn2002bf | 1200 | 7:38 | 10:15:42.3 | +55:40:06 | 300 | -45 | 3.0 | #2 SN Observat | 2 | normal setup |
| 0115.COMP | 12 | 7:58 | 10:15:42.3 | +55:40:06 | 300 | -45 | 3.0 | #2 SN Observat | 2 | |
| 0116.sn2002bo | 1200 | 8:02 | 10:18:06.5 | +21:49:41 | 300 | 63 | 3.0 | #2 SN Observat | 2 | |
| 0117.COMP | 12 | 8:22 | 10:18:06.5 | +21:49:41 | 300 | 63 | 3.0 | #2 SN Observat | 2 | |
| 0118.Feige34 | 90 | 8:25 | 10:36:41.2 | 43:21:50 | 300 | 107 | 3.0 | #56 Spectropho | 2 | |
| 0119.COMP | 12 | 8:27 | 10:36:41.2 | 43:21:50 | 300 | 107 | 3.0 | #56 Spectropho | 2 | |
| 0120.sn2002ar | 1200 | 8:33 | 11:37:43.9 | +22:00:34 | 300 | 53 | 3.0 | #2 SN Observat | 2 | |
| 0121.COMP | 12 | 8:53 | 11:37:43.9 | +22:00:34 | 300 | 53 | 3.0 | #2 SN Observat | 2 | |
| 0122.FLAT | 40 | 9:00 | 11:37:43.9 | +22:00:34 | 600 | 90 | 2.0 | #122 Halo Star | 4 | 600L, 2 arcsec, tilt=430, binby 4 |
| 0123-0131.FLAT | 40 | 9:07 | 11:37:43.9 | +22:00:34 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0132.Feige34 | 120 | 9:10 | 10:36:41.2 | 43:21:50 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0133.COMP | 10 | 9:13 | 10:36:41.2 | 43:21:50 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |

UT Date 2002-03-17 Observers M CalkinsColl. Focus 960 Grating/Grism 300

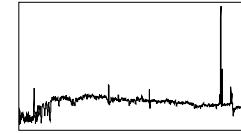
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|------------------|----------|----------|------------|----------|-----|------|------|----------------|-----|--------------|
| 0134.hs852 | 1200 | 9:14 | 12:20:10.1 | 29:22:37 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0135.COMP | 10 | 9:34 | 12:20:10.1 | 29:22:37 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0136.hs853 | 900 | 9:35 | 12:20:48.6 | 29:06:07 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0137.hs853 | 900 | 9:51 | 12:20:48.6 | 29:06:07 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0138.COMP | 10 | 10:06 | 12:20:48.6 | 29:06:07 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0139.hs858 | 1200 | 10:07 | 12:28:25.7 | 29:14:26 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0140.COMP | 10 | 10:27 | 12:28:25.7 | 29:14:26 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0141.hs864 | 1200 | 10:28 | 12:37:27.9 | 30:27:36 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0142.COMP | 10 | 10:49 | 12:37:27.9 | 30:27:36 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0143.hs873 | 1200 | 10:50 | 12:51:43.7 | 30:19:31 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0144.COMP | 10 | 11:10 | 12:51:43.7 | 30:19:31 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0145.FSVSJ162029 | 1200 | 11:21 | 16:20:29.8 | 27:03:16 | 300 | 90 | 3.0 | #131 FSVS | 4 | normal setup |
| 0146.COMP | 5 | 11:41 | 16:20:29.8 | 27:03:16 | 300 | 90 | 3.0 | #131 FSVS | 4 | |
| 0147.FSVSJ162038 | 1020 | 11:43 | 16:20:38.9 | 26:57:51 | 300 | 79 | 3.0 | #131 FSVS | 2 | |
| 0148.COMP | 12 | 12:00 | 16:20:38.9 | 26:57:51 | 300 | 79 | 3.0 | #131 FSVS | 2 | |
| 0149.FSVSJ162104 | 1200 | 12:02 | 16:21:04.7 | 27:05:46 | 300 | 79 | 3.0 | #131 FSVS | 2 | |
| 0150.COMP | 12 | 12:22 | 16:21:04.7 | 27:05:46 | 300 | 79 | 3.0 | #131 FSVS | 2 | |
| 0151.FSVSJ162501 | 1200 | 12:24 | 16:25:01.7 | 26:53:33 | 300 | 79 | 3.0 | #131 FSVS | 2 | |
| 0152.COMP | 12 | 12:44 | 16:25:01.7 | 26:53:33 | 300 | 79 | 3.0 | #131 FSVS | 2 | |
| 0153.BDp332642 | 90 | 12:46 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |

UT Date 2002-03-17 Observers M CalkinsColl. Focus 960 Grating/Grism 300

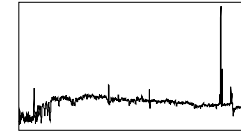
| <i>File</i> | <i>Exp Time</i> | <i>UT Start</i> | <i>RA</i> | <i>Dec</i> | <i>Gr.</i> | <i>P.A.</i> | <i>Slit</i> | <i>Program</i> | <i>Bin</i> | <i>Comments</i> |
|----------------|-----------------|-----------------|-----------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0154.COMP | 12 | 12:48 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0155-0164.BIAS | 0 | 12:51 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #56 Spectropho | 4 | |
| 0165-0174.FLAT | 6 | 12:54 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #56 Spectropho | 4 | |
| 0175-0184.BIAS | 0 | 12:57 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0185-0194.FLAT | 12 | 13:01 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0195-0204.DARK | 900 | 15:22 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |

UT Date 2002-03-18 Observers P BerlindColl. Focus 960 Grating/Grism 300

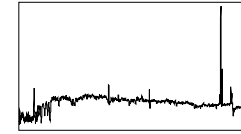
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|-------------------|
| 0001-0010.BIAS | 0 | 1:15 | 05:33:10.0 | 31:30:17 | 300 | 90 | 3.0 | #56 Spectropho | 4 | |
| 0011-0020.FLAT | 8 | 1:18 | 05:36:33.0 | 31:30:17 | 300 | 90 | 3.0 | #56 Spectropho | 4 | |
| 0021-0022.BIAS | 0 | 1:20 | 05:37:39.0 | 31:30:17 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0023-0030.BIAS | 0 | 1:21 | 05:39:23.0 | 31:30:18 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0031-0038.FLAT | 16 | 1:25 | 05:43:39.0 | 31:30:18 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0039-0040.FLAT | 16 | 1:26 | 05:44:39.0 | 31:30:19 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0041.sky | 3 | 1:47 | 06:04:55.0 | 31:30:22 | 300 | 90 | 3.0 | #57 Velocity S | 4 | clouds to s and w |
| 0042-0045.sky | 3 | 1:47 | 06:05:38.0 | 31:30:22 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0046.COMP | 5 | 1:48 | 06:06:17.0 | 31:30:22 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0047.HD52971 | 5 | 2:11 | 06:57:51 | +27:13:42 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0048.HD52971 | 5 | 2:11 | 06:57:51 | +27:13:42 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0049.HD52971 | 5 | 2:11 | 06:57:51 | +27:13:42 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0050.COMP | 5 | 2:11 | 06:57:51 | +27:13:42 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0051.Hiltner600 | 60 | 2:14 | 06:42:37.2 | 02:11:25 | 300 | 0 | 3.0 | #56 Spectropho | 4 | |
| 0052.Hiltner600 | 60 | 2:15 | 06:42:37.2 | 02:11:25 | 300 | 0 | 3.0 | #56 Spectropho | 4 | |
| 0053.Hiltner600 | 60 | 2:16 | 06:42:37.2 | 02:11:25 | 300 | 0 | 3.0 | #56 Spectropho | 4 | |
| 0054.COMP | 5 | 2:18 | 06:42:37.2 | 02:11:25 | 300 | 0 | 3.0 | #56 Spectropho | 4 | |
| 0055.Akn120 | 180 | 2:20 | 05:13:38.0 | -00:12:15 | 300 | 24 | 3.0 | #6 AGN Monitor | 4 | |
| 0056.Akn120 | 180 | 2:24 | 05:13:38.0 | -00:12:15 | 300 | 31 | 3.0 | #6 AGN Monitor | 4 | |
| 0057.COMP | 5 | 2:28 | 05:13:38.0 | -00:12:15 | 300 | 31 | 3.0 | #6 AGN Monitor | 4 | |

UT Date 2002-03-18 Observers P BerlindColl. Focus 960 Grating/Grism 300

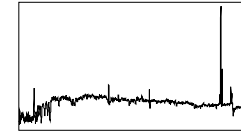
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|------------------|----------|----------|------------|----------|-----|------|------|---------------|-----|-----------|
| 0058.vso-66354 | 720 | 2:29 | 05:45:42.5 | 00:50:28 | 300 | 31 | 3.0 | 112 Orion PMS | 4 | hi Susan! |
| 0059.COMP | 5 | 2:41 | 05:45:42.5 | 00:50:28 | 300 | 31 | 3.0 | 112 Orion PMS | 4 | |
| 0060.vso-66504 | 1200 | 2:42 | 05:45:57.4 | 00:20:22 | 300 | 31 | 3.0 | 112 Orion PMS | 4 | |
| 0061.COMP | 5 | 3:03 | 05:45:57.4 | 00:20:22 | 300 | 31 | 3.0 | 112 Orion PMS | 4 | |
| 0062.vso-67227 | 900 | 3:04 | 05:48:01.0 | 00:34:30 | 300 | 35 | 3.0 | 112 Orion PMS | 4 | |
| 0063.COMP | 5 | 3:19 | 05:48:01.0 | 00:34:30 | 300 | 35 | 3.0 | 112 Orion PMS | 4 | |
| 0064.vso-67889 | 1200 | 3:21 | 05:49:21.2 | 00:42:48 | 300 | 45 | 3.0 | 112 Orion PMS | 4 | |
| 0065.COMP | 5 | 3:41 | 05:49:21.2 | 00:42:48 | 300 | 45 | 3.0 | 112 Orion PMS | 4 | |
| 0066.vso-68065 | 730 | 3:42 | 05:49:32.7 | 00:42:45 | 300 | 45 | 3.0 | 112 Orion PMS | 4 | |
| 0067.COMP | 5 | 3:55 | 05:49:32.7 | 00:42:45 | 300 | 45 | 3.0 | 112 Orion PMS | 4 | |
| 0068.vso-69694 | 720 | 3:55 | 05:51:35.3 | 00:31:05 | 300 | 45 | 3.0 | 112 Orion PMS | 4 | |
| 0069.COMP | 5 | 4:08 | 05:51:35.3 | 00:31:05 | 300 | 45 | 3.0 | 112 Orion PMS | 4 | |
| 0070.vso-69737 | 900 | 4:08 | 05:51:38.4 | 00:24:51 | 300 | 45 | 3.0 | 112 Orion PMS | 4 | |
| 0071.COMP | 5 | 4:24 | 05:51:38.4 | 00:24:51 | 300 | 45 | 3.0 | 112 Orion PMS | 4 | |
| 0072.FSVSJ100028 | 1200 | 4:28 | 10:00:28.4 | 22:44:58 | 300 | 90 | 3.0 | #131 FSVS | 4 | |
| 0073.COMP | 5 | 4:49 | 10:00:28.4 | 22:44:58 | 300 | 90 | 3.0 | #131 FSVS | 4 | |
| 0074.FSVSJ100050 | 1200 | 4:51 | 10:00:50.3 | 20:24:42 | 300 | 90 | 3.0 | #131 FSVS | 4 | |
| 0075.COMP | 5 | 5:12 | 10:00:50.3 | 20:24:42 | 300 | 90 | 3.0 | #131 FSVS | 4 | |
| 0076.FSVSJ100056 | 1200 | 5:14 | 10:00:56.6 | 20:28:58 | 300 | 90 | 3.0 | #131 FSVS | 4 | |
| 0077.COMP | 5 | 5:34 | 10:00:56.6 | 20:28:58 | 300 | 90 | 3.0 | #131 FSVS | 4 | |

UT Date 2002-03-18 Observers P BerlindColl. Focus 960 Grating/Grism 300

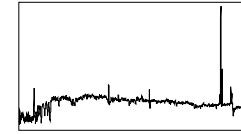
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0078.sn2002bf | 1200 | 5:38 | 10:15:42.3 | +55:40:06 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0079.COMP | 10 | 6:01 | 10:15:42.3 | +55:40:06 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0080.sn2002bo | 1200 | 6:05 | 10:18:06.5 | +21:49:41 | 300 | 15 | 3.0 | #2 SN Observat | 2 | |
| 0081.COMP | 10 | 6:25 | 10:18:06.5 | +21:49:41 | 300 | 15 | 3.0 | #2 SN Observat | 2 | |
| 0082.Feige34 | 150 | 6:29 | 10:36:41.2 | 43:21:50 | 300 | 0 | 3.0 | #56 Spectropho | 2 | |
| 0083.Feige34 | 150 | 6:32 | 10:36:41.2 | 43:21:50 | 300 | 0 | 3.0 | #56 Spectropho | 2 | |
| 0084.COMP | 10 | 6:35 | 10:36:41.2 | 43:21:50 | 300 | 0 | 3.0 | #56 Spectropho | 2 | |
| 0085.MRK421 | 300 | 6:38 | 11:04:27.4 | +38:12:32 | 300 | 0 | 3.0 | #133 MRK421 | 2 | |
| 0086.MRK421 | 300 | 6:43 | 11:04:27.4 | +38:12:32 | 300 | 0 | 3.0 | #133 MRK421 | 2 | |
| 0087.MRK421 | 300 | 6:49 | 11:04:27.4 | +38:12:32 | 300 | 0 | 3.0 | #133 MRK421 | 2 | |
| 0088.COMP | 10 | 6:54 | 11:04:27.4 | +38:12:32 | 300 | 0 | 3.0 | #133 MRK421 | 2 | |
| 0089.FSVSJ100045 | 1200 | 6:58 | 10:00:45.0 | 19:47:35 | 300 | 90 | 3.0 | #131 FSVS | 4 | |
| 0090.COMP | 5 | 7:18 | 10:00:45.0 | 19:47:35 | 300 | 90 | 3.0 | #131 FSVS | 4 | |
| 0091.FSVSJ100034 | 1200 | 7:20 | 10:00:34.2 | 19:49:46 | 300 | 90 | 3.0 | #131 FSVS | 4 | |
| 0092.COMP | 5 | 7:40 | 10:00:34.2 | 19:49:46 | 300 | 90 | 3.0 | #131 FSVS | 4 | |
| 0093.FSVSJ100034 | 1200 | 7:41 | 10:00:34.2 | 19:49:46 | 300 | 90 | 3.0 | #131 FSVS | 4 | |
| 0094.COMP | 5 | 8:01 | 10:00:34.2 | 19:49:46 | 300 | 90 | 3.0 | #131 FSVS | 4 | |
| 0095-0104.BIAS | 0 | 8:04 | 12:30:00 | 32:00:00 | 300 | 90 | 3.0 | #131 FSVS | 4 | |
| 0105-0114.FLAT | 8 | 8:06 | 12:30:00 | 32:00:00 | 300 | 90 | 3.0 | #131 FSVS | 4 | |
| 0115-0124.BIAS | 0 | 8:09 | 12:30:00 | 32:00:00 | 300 | 90 | 3.0 | #131 FSVS | 2 | |

UT Date 2002-03-18 Observers P BerlindColl. Focus 960 Grating/Grism 300

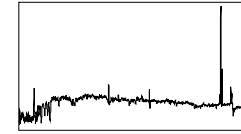
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|----------|-----|------|------|----------------|-----|----------------------|
| 0125-0134.FLAT | 16 | 8:13 | 12:30:00 | 32:00:00 | 300 | 90 | 3.0 | #131 FSVS | 2 | |
| 0135.Feige34 | 120 | 8:20 | 10:36:41.2 | 43:21:50 | 600 | 90 | 2.0 | #122 Halo Star | 4 | 600-line; 2-sec slit |
| 0136.Feige34 | 120 | 8:22 | 10:36:41.2 | 43:21:50 | 600 | 100 | 2.0 | #122 Halo Star | 4 | |
| 0137.Feige34 | 120 | 8:24 | 10:36:41.2 | 43:21:50 | 600 | 100 | 2.0 | #122 Halo Star | 4 | |
| 0138.COMP | 10 | 8:26 | 10:36:41.2 | 43:21:50 | 600 | 100 | 2.0 | #122 Halo Star | 4 | |
| 0139.hs854 | 1200 | 8:28 | 12:21:30.9 | 28:53:41 | 600 | 100 | 2.0 | #122 Halo Star | 4 | |
| 0140.COMP | 10 | 8:49 | 12:21:30.9 | 28:53:41 | 600 | 100 | 2.0 | #122 Halo Star | 4 | |
| 0141.hs855 | 1200 | 8:49 | 12:24:47.8 | 29:01:27 | 600 | 100 | 2.0 | #122 Halo Star | 4 | |
| 0142.COMP | 10 | 9:10 | 12:24:47.8 | 29:01:27 | 600 | 100 | 2.0 | #122 Halo Star | 4 | |
| 0143.hs857 | 1200 | 9:10 | 12:26:14.0 | 29:10:17 | 600 | 100 | 2.0 | #122 Halo Star | 4 | |
| 0144.COMP | 10 | 9:31 | 12:26:14.0 | 29:10:17 | 600 | 100 | 2.0 | #122 Halo Star | 4 | |
| 0145.hs862 | 1200 | 9:32 | 12:35:17.1 | 29:02:08 | 600 | 100 | 2.0 | #122 Halo Star | 4 | |
| 0146.COMP | 10 | 9:52 | 12:35:17.1 | 29:02:08 | 600 | 100 | 2.0 | #122 Halo Star | 4 | |
| 0147.hs863 | 1200 | 9:53 | 12:35:24.3 | 29:08:10 | 600 | 100 | 2.0 | #122 Halo Star | 4 | |
| 0148.COMP | 5 | 10:14 | 12:35:24.3 | 29:08:10 | 600 | 100 | 2.0 | #122 Halo Star | 4 | |
| 0149.hs865 | 1200 | 10:14 | 12:39:54.9 | 29:01:42 | 600 | 100 | 2.0 | #122 Halo Star | 4 | |
| 0150.COMP | 10 | 10:35 | 12:39:54.9 | 29:01:42 | 600 | 100 | 2.0 | #122 Halo Star | 4 | |
| 0151.hs866 | 1200 | 10:36 | 12:42:21.4 | 29:28:08 | 600 | 100 | 2.0 | #122 Halo Star | 4 | |
| 0152.COMP | 10 | 10:57 | 12:42:21.4 | 29:28:08 | 600 | 100 | 2.0 | #122 Halo Star | 4 | |
| 0153.hs867 | 1200 | 10:58 | 12:43:17.8 | 29:41:14 | 600 | 100 | 2.0 | #122 Halo Star | 4 | |

UT Date 2002-03-18 Observers P BerlindColl. Focus 960 Grating/Grism 300

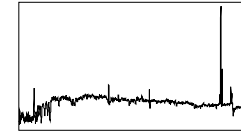
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|----------|-----|------|------|----------------|-----|------------------|
| 0154.COMP | 10 | 11:18 | 12:43:17.8 | 29:41:14 | 600 | 100 | 2.0 | #122 Halo Star | 4 | |
| 0155.hs868 | 1200 | 11:19 | 12:44:16.5 | 29:39:45 | 600 | 100 | 2.0 | #122 Halo Star | 4 | |
| 0156.COMP | 10 | 11:39 | 12:44:16.5 | 29:39:45 | 600 | 100 | 2.0 | #122 Halo Star | 4 | |
| 0157.BDp332642 | 120 | 11:40 | 15:50:03 | 33:05:49 | 600 | 100 | 2.0 | #122 Halo Star | 4 | |
| 0158.BDp332642 | 120 | 11:42 | 15:50:03 | 33:05:49 | 600 | 100 | 2.0 | #122 Halo Star | 4 | |
| 0159.COMP | 10 | 11:45 | 15:50:03 | 33:05:49 | 600 | 100 | 2.0 | #122 Halo Star | 4 | |
| 0160.hs897 | 1200 | 11:46 | 13:24:04.6 | 29:41:30 | 600 | 100 | 2.0 | #122 Halo Star | 4 | humidity way up |
| 0161.COMP | 10 | 12:06 | 13:24:04.6 | 29:41:30 | 600 | 100 | 2.0 | #122 Halo Star | 4 | clouds moving in |
| 0162-0181.FLAT | 40 | 12:23 | 13:24:04.6 | 29:41:30 | 600 | 100 | 2.0 | #122 Halo Star | 4 | |
| 0182-0191.BIAS | 0 | 12:25 | 13:24:04.6 | 29:41:30 | 600 | 100 | 2.0 | #122 Halo Star | 4 | |
| 0192-0201.DARK | 1200 | 15:28 | 13:24:04.6 | 29:41:30 | 600 | 100 | 2.0 | #122 Halo Star | 4 | |

UT Date 2002-03-19 Observers P BerlindColl. Focus 980 Grating/Grism 600

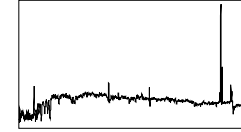
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|-------------------------|
| 0001-0010.DARK | 1200 | 1:37 | 13:24:04.6 | 29:41:30 | 600 | 100 | 2.0 | #122 Halo Star | 4 | |
| 0011-0020.BIAS | 0 | 1:59 | 13:24:04.6 | 29:41:30 | 600 | 100 | 2.0 | #122 Halo Star | 4 | |
| 0021.FLAT | 40 | 1:59 | 13:24:04.6 | 29:41:30 | 600 | 100 | 2.0 | #122 Halo Star | 4 | 600-line; 2-sec |
| 0022-0040.FLAT | 40 | 2:14 | 13:24:04.6 | 29:41:30 | 600 | 100 | 2.0 | #122 Halo Star | 4 | |
| 0041-0050.BIAS | 0 | 2:17 | 13:24:04.6 | 29:41:30 | 600 | 100 | 2.0 | #122 Halo Star | 2 | |
| 0051.FLAT | 40 | 2:17 | 13:24:04.6 | 29:41:30 | 600 | 100 | 2.0 | #122 Halo Star | 2 | snow, clouds, fog, wind |
| 0052-0060.FLAT | 40 | 2:25 | 13:24:04.6 | 29:41:30 | 600 | 100 | 2.0 | #122 Halo Star | 2 | |
| 0061-0070.FLAT | 80 | 2:42 | 13:24:04.6 | 29:41:30 | 600 | 100 | 2.0 | #122 Halo Star | 2 | |
| 0071.hs501 | 1200 | 2:54 | 8:34:32.4 | 28:05:00 | 600 | 100 | 2.0 | #122 Halo Star | 4 | |
| 0072.COMP | 10 | 3:15 | 8:34:32.4 | 28:05:00 | 600 | 100 | 2.0 | #122 Halo Star | 4 | |
| 0073.HD39853 | 3 | 3:17 | 05:54:43.6 | -11:46:26 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0074.HD39853 | 10 | 3:17 | 05:54:43.6 | -11:46:26 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0075.HD39853 | 10 | 3:18 | 05:54:43.6 | -11:46:26 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0076.COMP | 10 | 3:18 | 05:54:43.6 | -11:46:26 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0077.HD44033 | 10 | 3:20 | 06:20:4.2 | 14:39:4 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0078.HD44033 | 10 | 3:20 | 06:20:4.2 | 14:39:4 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0079.HD44033 | 10 | 3:21 | 06:20:4.2 | 14:39:4 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0080.COMP | 10 | 3:21 | 06:20:4.2 | 14:39:4 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0081.HD39587 | 10 | 3:24 | 05:54:23.5 | +20:16:38 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0082.HD39587 | 10 | 3:25 | 05:54:23.5 | +20:16:38 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |

UT Date 2002-03-19 Observers P BerlindColl. Focus 980 Grating/Grism 600

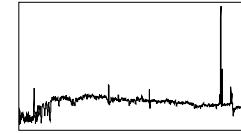
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|---------------|----------|----------|------------|-----------|-----|------|------|---------------|-----|----------|
| 0083.HD39587 | 10 | 3:25 | 05:54:23.5 | +20:16:38 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0084.COMP | 10 | 3:26 | 05:54:23.5 | +20:16:38 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0085.HD29645 | 10 | 3:27 | 04:41:49.2 | +38:16:53 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0086.HD29645 | 10 | 3:28 | 04:41:49.2 | +38:16:53 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0087.HD29645 | 10 | 3:28 | 04:41:49.2 | +38:16:53 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0088.COMP | 10 | 3:29 | 04:41:49.2 | +38:16:53 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0089.HD37216 | 20 | 3:29 | 05:39:52.3 | +52:53:51 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0090.HD37216 | 20 | 3:30 | 05:39:52.3 | +52:53:51 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0091.HD37216 | 20 | 3:31 | 05:39:52.3 | +52:53:51 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0092.COMP | 10 | 3:31 | 05:39:52.3 | +52:53:51 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0093.HD44537 | 10 | 3:32 | 06:24:53.9 | 49:17:17 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0094.HD44537 | 10 | 3:33 | 06:24:53.9 | 49:17:17 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0095.HD44537 | 10 | 3:33 | 06:24:53.9 | 49:17:17 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0096.COMP | 10 | 3:34 | 06:24:53.9 | 49:17:17 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0097.HD47914 | 10 | 3:36 | 06:43:05.0 | +44:31:28 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0098.HD47914 | 10 | 3:37 | 06:43:05.0 | +44:31:28 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0099.HD47914 | 10 | 3:37 | 06:43:05.0 | +44:31:28 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0100.COMP | 10 | 3:37 | 06:43:05.0 | +44:31:28 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0101.HD61606A | 20 | 3:39 | 07:39:59.3 | -03:35:51 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0102.HD61606A | 30 | 3:40 | 07:39:59.3 | -03:35:51 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |

UT Date 2002-03-19 Observers P BerlindColl. Focus 980 Grating/Grism 600

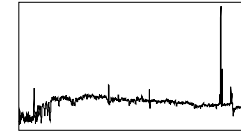
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|---------------|----------|----------|------------|-----------|-----|------|------|---------------|-----|----------|
| 0103.HD61606A | 30 | 3:40 | 07:39:59.3 | -03:35:51 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0104.COMP | 10 | 3:41 | 07:39:59.3 | -03:35:51 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0105.HD63302 | 10 | 3:42 | 07:47:38.5 | -15:59:27 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0106.HD63302 | 60 | 3:43 | 07:47:38.5 | -15:59:27 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0107.HD63302 | 90 | 3:44 | 07:47:38.5 | -15:59:27 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0108.COMP | 10 | 3:46 | 07:47:38.5 | -15:59:27 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0109.HD69582 | 90 | 3:49 | 08:17:29.6 | -03:06:27 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0110.HD69582 | 60 | 3:52 | 08:17:29.6 | -03:06:27 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0111.HD69582 | 60 | 3:53 | 08:17:29.6 | -03:06:27 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0112.COMP | 10 | 3:55 | 08:17:29.6 | -03:06:27 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0113.HD69830 | 30 | 3:57 | 08:18:23.9 | -12:37:55 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0114.HD69830 | 60 | 3:58 | 08:18:23.9 | -12:37:55 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0115.HD69830 | 60 | 3:59 | 08:18:23.9 | -12:37:55 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0116.COMP | 10 | 4:00 | 08:18:23.9 | -12:37:55 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0117.HD49178 | 30 | 4:02 | 06:48:53.8 | +37:30:18 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0118.HD49178 | 30 | 4:03 | 06:48:53.8 | +37:30:18 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0119.HD49178 | 30 | 4:04 | 06:48:53.8 | +37:30:18 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0120.COMP | 10 | 4:05 | 06:48:53.8 | +37:30:18 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0121.HD60522 | 10 | 4:06 | 07:35:55.4 | +26:53:45 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0122.HD60522 | 3 | 4:06 | 07:35:55.4 | +26:53:45 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |

UT Date 2002-03-19 Observers P BerlindColl. Focus 980 Grating/Grism 600

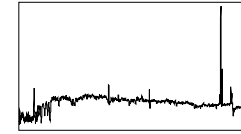
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|--------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0123.HD60522 | 3 | 4:07 | 07:35:55.4 | +26:53:45 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0124.COMP | 10 | 4:08 | 07:35:55.4 | +26:53:45 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0125.HD62721 | 3 | 4:09 | 07:46:07.5 | +18:30:36 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0126.HD62721 | 5 | 4:09 | 07:46:07.5 | +18:30:36 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0127.HD62721 | 5 | 4:10 | 07:46:07.5 | +18:30:36 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0128.COMP | 10 | 4:10 | 07:46:07.5 | +18:30:36 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0129.HD70272 | 5 | 4:11 | 08:22:50.1 | +43:11:17 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0130.HD70272 | 3 | 4:12 | 08:22:50.1 | +43:11:17 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0131.HD70272 | 3 | 4:12 | 08:22:50.1 | +43:11:17 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0132.HD70272 | 2 | 4:12 | 08:22:50.1 | +43:11:17 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0133.COMP | 10 | 4:13 | 08:22:50.1 | +43:11:17 | 600 | 100 | 2.0 | #10 M67 stars | 2 | |
| 0134.Feige34 | 150 | 4:14 | 10:36:41.2 | 43:21:50 | 600 | 95 | 2.0 | #122 Halo Star | 2 | |
| 0135.Feige34 | 150 | 4:17 | 10:36:41.2 | 43:21:50 | 600 | 95 | 2.0 | #122 Halo Star | 2 | |
| 0136.Feige34 | 300 | 4:20 | 10:36:41.2 | 43:21:50 | 600 | 95 | 2.0 | #122 Halo Star | 2 | |
| 0137.COMP | 10 | 4:25 | 10:36:41.2 | 43:21:50 | 600 | 95 | 2.0 | #122 Halo Star | 2 | |
| 0138.HD95128 | 3 | 5:24 | 10:59:29.3 | +40:25:45 | 600 | 95 | 2.0 | #10 M67 stars | 2 | |
| 0139.HD95128 | 6 | 5:25 | 10:59:29.3 | +40:25:45 | 600 | 95 | 2.0 | #10 M67 stars | 2 | |
| 0140.HD95128 | 6 | 5:25 | 10:59:29.3 | +40:25:45 | 600 | 95 | 2.0 | #10 M67 stars | 2 | |
| 0141.COMP | 10 | 5:26 | 10:59:29.3 | +40:25:45 | 600 | 95 | 2.0 | #10 M67 stars | 2 | |
| 0142.HD94705 | 4 | 5:29 | 10:56:01.5 | +06:11:07 | 600 | 95 | 2.0 | #10 M67 stars | 2 | |

UT Date 2002-03-19 Observers P BerlindColl. Focus 980 Grating/Grism 600

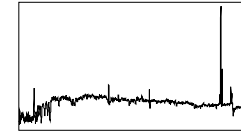
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|---------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|-----------------|
| 0143.HD94705 | 4 | 5:29 | 10:56:01.5 | +06:11:07 | 600 | 95 | 2.0 | #10 M67 stars | 2 | |
| 0144.HD94705 | 10 | 5:30 | 10:56:01.5 | +06:11:07 | 600 | 95 | 2.0 | #10 M67 stars | 2 | |
| 0145.COMP | 10 | 5:30 | 10:56:01.5 | +06:11:07 | 600 | 95 | 2.0 | #10 M67 stars | 2 | |
| 0146.hs807 | 1200 | 5:33 | 11:18:22.9 | 30:29:42 | 600 | 95 | 2.0 | #122 Halo Star | 4 | |
| 0147.COMP | 10 | 5:53 | 11:18:22.9 | 30:29:42 | 600 | 95 | 2.0 | #122 Halo Star | 4 | |
| 0148.hs870 | 1200 | 5:54 | 12:44:18.5 | 29:26:19 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0149.COMP | 10 | 6:15 | 12:44:18.5 | 29:26:19 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0150.hs869 | 1200 | 6:16 | 12:44:16.8 | 29:15:42 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0151.COMP | 10 | 6:36 | 12:44:16.8 | 29:15:42 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0152.hs871 | 1200 | 6:37 | 12:46:29.5 | 29:04:58 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0153.COMP | 10 | 6:57 | 12:46:29.5 | 29:04:58 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0154.hs872 | 1200 | 6:58 | 12:50:27.6 | 28:53:24 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0155.COMP | 10 | 7:19 | 12:50:27.6 | 28:53:24 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0156.BIAS | 0 | 7:21 | 12:50:27.6 | 28:53:24 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0157.Feige34 | 150 | 7:28 | 10:36:41.2 | 43:21:50 | 300 | 100 | 3.0 | #56 Spectropho | 2 | 300-line; 3-sec |
| 0158.Feige34 | 150 | 7:31 | 10:36:41.2 | 43:21:50 | 300 | 100 | 3.0 | #56 Spectropho | 2 | |
| 0159.COMP | 10 | 7:34 | 10:36:41.2 | 43:21:50 | 300 | 100 | 3.0 | #56 Spectropho | 2 | |
| 0160.sn2002bf | 1045 | 7:36 | 10:15:42.3 | +55:40:06 | 300 | 100 | 3.0 | #2 SN Observat | 2 | |
| 0161.COMP | 10 | 7:54 | 10:15:42.3 | +55:40:06 | 300 | 100 | 3.0 | #2 SN Observat | 2 | |
| 0162.sn2002bo | 1200 | 7:57 | 10:18:06.5 | +21:49:41 | 300 | 67 | 3.0 | #2 SN Observat | 2 | |

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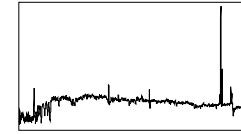
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|-----------------|
| 0163.COMP | 10 | 8:18 | 10:18:06.5 | +21:49:41 | 300 | 67 | 3.0 | #2 SN Observat | 2 | |
| 0164-0173.FLAT | 16 | 8:29 | 13:00:00 | 32:00:00 | 300 | 67 | 3.0 | #2 SN Observat | 2 | |
| 0174.BIAS | 0 | 8:32 | 13:00:00 | 32:00:00 | 300 | 67 | 3.0 | #2 SN Observat | 2 | |
| 0175.hs874 | 1200 | 8:34 | 12:55:50.6 | 29:09:55 | 600 | 90 | 2.0 | #122 Halo Star | 4 | 600-line; 2-sec |
| 0176.COMP | 10 | 8:54 | 12:55:50.6 | 29:09:55 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0177.hs875 | 1200 | 8:55 | 12:56:32.5 | 29:39:05 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0178.COMP | 10 | 9:16 | 12:56:32.5 | 29:39:05 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0179.hs876 | 1200 | 9:17 | 12:58:24.0 | 29:10:43 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0180.COMP | 10 | 9:37 | 12:58:24.0 | 29:10:43 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0181.hs877 | 1200 | 9:38 | 12:59:16.5 | 28:57:09 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0182.COMP | 10 | 9:58 | 12:59:16.5 | 28:57:09 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0183.hs879 | 1200 | 9:59 | 13:00:00.6 | 29:19:38 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0184.COMP | 10 | 10:19 | 13:00:00.6 | 29:19:38 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0185.hs880 | 960 | 10:20 | 13:00:41.2 | 28:52:37 | 600 | 90 | 2.0 | #122 Halo Star | 4 | stopped by fog |
| 0186.COMP | 10 | 10:36 | 13:00:41.2 | 28:52:37 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0187.BDp332642 | 120 | 10:40 | 15:50:03 | 33:05:49 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0188.COMP | 10 | 10:42 | 15:50:03 | 33:05:49 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0189-0198.FLAT | 40 | 10:52 | 15:50:03 | 33:05:49 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0199-0208.BIAS | 0 | 10:55 | 15:50:03 | 33:05:49 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0209-0218.DARK | 1200 | 14:20 | 15:50:03 | 33:05:49 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |

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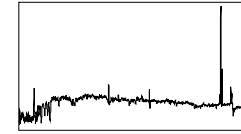
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0001.COMP | 5 | 22:16 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #122 Halo Star | 2 | |
| 0002.DARK | 900 | 22:18 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #122 Halo Star | 4 | clear |
| 0003-0010.DARK | 900 | 0:19 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #122 Halo Star | 4 | |
| 0011.BIAS | 0 | 0:58 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #122 Halo Star | 4 | cold |
| 0012-0020.BIAS | 0 | 0:59 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #122 Halo Star | 4 | |
| 0021.FLAT | 8 | 1:00 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #122 Halo Star | 4 | windy |
| 0022-0030.FLAT | 8 | 1:02 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #122 Halo Star | 4 | |
| 0031-0040.BIAS | 0 | 1:05 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #122 Halo Star | 2 | |
| 0041-0050.FLAT | 16 | 1:10 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #122 Halo Star | 2 | |
| 0051-0055.sky | 3 | 1:50 | 6:05:00 | 32:00:00 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0056.COMP | 5 | 1:50 | 6:05:00 | 32:00:00 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0057.Hiltner600 | 60 | 2:27 | 06:42:37.2 | 02:11:25 | 300 | 4 | 3.0 | #56 Spectropho | 4 | |
| 0058.Hiltner600 | 60 | 2:29 | 06:42:37.2 | 02:11:25 | 300 | 4 | 3.0 | #56 Spectropho | 4 | |
| 0059.COMP | 5 | 2:30 | 06:42:37.2 | 02:11:25 | 300 | 4 | 3.0 | #56 Spectropho | 4 | |
| 0060.NGC1700 | 180 | 2:31 | 04:56:58.1 | -04:52:22 | 300 | 4 | 3.0 | #57 Velocity S | 4 | |
| 0061.COMP | 5 | 2:35 | 04:56:58.1 | -04:52:22 | 300 | 4 | 3.0 | #57 Velocity S | 4 | |
| 0062.vso-71904 | 600 | 2:36 | 05:53:42.3 | 00:24:46 | 300 | 30 | 3.0 | 112 Orion PMS | 4 | |
| 0063.COMP | 5 | 2:46 | 05:53:42.3 | 00:24:46 | 300 | 30 | 3.0 | 112 Orion PMS | 4 | |
| 0064.vso-71483 | 720 | 2:48 | 05:53:19.2 | 00:24:45 | 300 | 30 | 3.0 | 112 Orion PMS | 4 | |
| 0065.COMP | 5 | 3:00 | 05:53:19.2 | 00:24:45 | 300 | 30 | 3.0 | 112 Orion PMS | 4 | |

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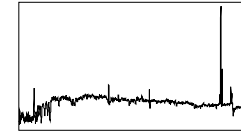
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0066.vso-71585 | 900 | 3:01 | 05:53:25.6 | 00:24:01 | 300 | 30 | 3.0 | 112 Orion PMS | 2 | |
| 0067.COMP | 10 | 3:16 | 05:53:25.6 | 00:24:01 | 300 | 30 | 3.0 | 112 Orion PMS | 2 | |
| 0068.vso-71782 | 900 | 3:18 | 05:53:35.6 | 00:29:47 | 300 | 45 | 3.0 | 112 Orion PMS | 4 | |
| 0069.COMP | 5 | 3:34 | 05:53:35.6 | 00:29:47 | 300 | 45 | 3.0 | 112 Orion PMS | 4 | |
| 0070.vso-71996 | 900 | 3:35 | 05:53:47.2 | 00:33:11 | 300 | 45 | 3.0 | 112 Orion PMS | 4 | |
| 0071.COMP | 5 | 3:50 | 05:53:47.2 | 00:33:11 | 300 | 45 | 3.0 | 112 Orion PMS | 4 | |
| 0072.vso-72477 | 900 | 3:51 | 05:54:12.8 | 00:24:50 | 300 | 45 | 3.0 | 112 Orion PMS | 4 | |
| 0073.COMP | 5 | 4:06 | 05:54:12.8 | 00:24:50 | 300 | 45 | 3.0 | 112 Orion PMS | 4 | |
| 0074.BGGem | 1200 | 4:09 | 6:03:31 | 27:41:50 | 300 | 90 | 3.0 | #100 BGGem | 2 | |
| 0075.BGGem | 300 | 4:29 | 6:03:31 | 27:41:50 | 300 | 90 | 3.0 | #100 BGGem | 2 | |
| 0076.COMP | 10 | 4:35 | 6:03:31 | 27:41:50 | 300 | 90 | 3.0 | #100 BGGem | 2 | |
| 0077.MRK110 | 600 | 4:40 | 09:25:12.9 | +52:17:10 | 300 | 0 | 3.0 | #6 AGN Monitor | 2 | |
| 0078.COMP | 10 | 4:51 | 09:25:12.9 | +52:17:10 | 300 | 0 | 3.0 | #6 AGN Monitor | 2 | |
| 0079.Feige34 | 120 | 4:56 | 10:36:41.2 | 43:21:50 | 300 | 55 | 3.0 | #56 Spectropho | 2 | |
| 0080.Feige34 | 120 | 4:59 | 10:36:41.2 | 43:21:50 | 300 | 55 | 3.0 | #56 Spectropho | 2 | |
| 0081.COMP | 10 | 5:01 | 10:36:41.2 | 43:21:50 | 300 | 55 | 3.0 | #56 Spectropho | 2 | |
| 0082.sn2002bf | 1200 | 5:06 | 10:15:42.3 | +55:40:06 | 300 | 50 | 3.0 | #2 SN Observat | 2 | |
| 0083.COMP | 10 | 5:26 | 10:15:42.3 | +55:40:06 | 300 | 50 | 3.0 | #2 SN Observat | 2 | |
| 0084.MRK421 | 300 | 5:28 | 11:04:27.4 | +38:12:32 | 300 | 65 | 3.0 | #133 MRK421 | 4 | |
| 0085.MRK421 | 300 | 5:33 | 11:04:27.4 | +38:12:32 | 300 | 65 | 3.0 | #133 MRK421 | 4 | |

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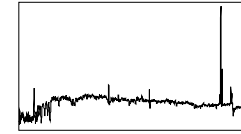
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0086.MRK421 | 300 | 5:38 | 11:04:27.4 | +38:12:32 | 300 | 65 | 3.0 | #133 MRK421 | 4 | |
| 0087.COMP | 5 | 5:43 | 11:04:27.4 | +38:12:32 | 300 | 65 | 3.0 | #133 MRK421 | 4 | |
| 0088.N3227 | 120 | 5:45 | 10:23:30.6 | +19:51:54 | 300 | -10 | 3.0 | #6 AGN Monitor | 4 | |
| 0089.N3227 | 120 | 5:47 | 10:23:30.6 | +19:51:54 | 300 | -10 | 3.0 | #6 AGN Monitor | 4 | |
| 0090.N3227 | 120 | 5:49 | 10:23:30.6 | +19:51:54 | 300 | -10 | 3.0 | #6 AGN Monitor | 4 | |
| 0091.COMP | 5 | 5:52 | 10:23:30.6 | +19:51:54 | 300 | -10 | 3.0 | #6 AGN Monitor | 4 | |
| 0092.sn2002bo | 1200 | 5:53 | 10:18:06.5 | +21:49:41 | 300 | 4 | 3.0 | #2 SN Observat | 2 | |
| 0093.COMP | 10 | 6:13 | 10:18:06.5 | +21:49:41 | 300 | 4 | 3.0 | #2 SN Observat | 2 | |
| 0094.N4051 | 150 | 6:15 | 12:03:09.7 | +44:31:53 | 300 | 60 | 3.0 | #6 AGN Monitor | 4 | |
| 0095.N4051 | 150 | 6:18 | 12:03:09.7 | +44:31:53 | 300 | 60 | 3.0 | #6 AGN Monitor | 4 | |
| 0096.COMP | 5 | 6:21 | 12:03:09.7 | +44:31:53 | 300 | 60 | 3.0 | #6 AGN Monitor | 4 | |
| 0097.N4151 | 30 | 6:22 | 12:10:32.6 | +39:24:21 | 300 | 60 | 3.0 | #6 AGN Monitor | 4 | |
| 0098.N4151 | 30 | 6:22 | 12:10:32.6 | +39:24:21 | 300 | 60 | 3.0 | #6 AGN Monitor | 4 | |
| 0099.N4151 | 30 | 6:23 | 12:10:32.6 | +39:24:21 | 300 | 60 | 3.0 | #6 AGN Monitor | 4 | |
| 0100.COMP | 5 | 6:24 | 12:10:32.6 | +39:24:21 | 300 | 60 | 3.0 | #6 AGN Monitor | 4 | |
| 0101.sn2002ar | 1200 | 6:31 | 11:37:43.9 | +22:00:34 | 300 | -15 | 3.0 | #2 SN Observat | 2 | |
| 0102.COMP | 10 | 6:51 | 11:37:43.9 | +22:00:34 | 300 | -15 | 3.0 | #2 SN Observat | 2 | |
| 0103-0107.FLAT | 16 | 6:54 | 11:30:00 | 32:00:00 | 300 | -15 | 3.0 | #2 SN Observat | 2 | |
| 0108-0112.FLAT | 8 | 6:57 | 11:30:00 | 32:00:00 | 300 | -15 | 3.0 | #2 SN Observat | 4 | |
| 0113.BIAS | 0 | 6:57 | 11:30:00 | 32:00:00 | 300 | -15 | 3.0 | #2 SN Observat | 4 | |

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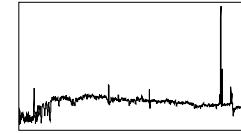
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|---------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|-----------------|
| 0114.COMP | 10 | 7:01 | 11:30:00 | 32:00:00 | 600 | 90 | 2.0 | #2 SN Observat | 4 | 600-line; 2-sec |
| 0115.Feige34 | 150 | 7:06 | 10:36:41.2 | 43:21:50 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0116.Feige34 | 150 | 7:09 | 10:36:41.2 | 43:21:50 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0117.COMP | 10 | 7:12 | 10:36:41.2 | 43:21:50 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0118.HD101501 | 3 | 7:13 | 11:38:25.2 | +34:29:02 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0119.HD101501 | 2 | 7:14 | 11:38:25.2 | +34:29:02 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0120.HD101501 | 2 | 7:14 | 11:38:25.2 | +34:29:02 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0121.COMP | 10 | 7:14 | 11:38:25.2 | +34:29:02 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0122.HD99167 | 2 | 7:16 | 11:22:4.9 | -10:35:5 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0123.HD99167 | 2 | 7:17 | 11:22:4.9 | -10:35:5 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0124.HD99167 | 6 | 7:17 | 11:22:4.9 | -10:35:5 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0125.COMP | 10 | 7:17 | 11:22:4.9 | -10:35:5 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0126.HD99998 | 2 | 7:18 | 11:27:45.5 | -02:43:38 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0127.HD99998 | 2 | 7:19 | 11:27:45.5 | -02:43:38 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0128.HD99998 | 6 | 7:19 | 11:27:45.5 | -02:43:38 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0129.COMP | 10 | 7:20 | 11:27:45.5 | -02:43:38 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0130.HD106156 | 10 | 7:21 | 12:12:57.5 | +10:02:15 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0131.HD106156 | 10 | 7:21 | 12:12:57.5 | +10:02:15 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0132.HD106156 | 10 | 7:22 | 12:12:57.5 | +10:02:15 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0133.COMP | 10 | 7:22 | 12:12:57.5 | +10:02:15 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |

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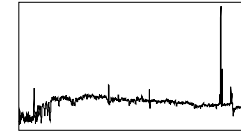
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|---------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0134.HD110281 | 20 | 7:25 | 12:41:03.6 | -00:37:13 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0135.HD110281 | 60 | 7:26 | 12:41:03.6 | -00:37:13 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0136.COMP | 10 | 7:27 | 12:41:03.6 | -00:37:13 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0137.HD114961 | 6 | 7:28 | 13:11:29.7 | -02:32:32 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0138.HD114961 | 6 | 7:29 | 13:11:29.7 | -02:32:32 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0139.HD114961 | 10 | 7:29 | 13:11:29.7 | -02:32:32 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0140.COMP | 10 | 7:30 | 13:11:29.7 | -02:32:32 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0141.HD111951 | 10 | 7:31 | 12:47:49.2 | 23:08:10 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0142.HD111951 | 10 | 7:31 | 12:47:49.2 | 23:08:10 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0143.HD111951 | 10 | 7:32 | 12:47:49.2 | 23:08:10 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0144.COMP | 10 | 7:32 | 12:47:49.2 | 23:08:10 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0145.hs881 | 1200 | 7:35 | 13:02:16.7 | 28:58:54 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0146.COMP | 10 | 7:55 | 13:02:16.7 | 28:58:54 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0147.hs882 | 1200 | 7:56 | 13:02:50.8 | 29:14:09 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0148.COMP | 10 | 8:17 | 13:02:50.8 | 29:14:09 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0149.hs883 | 1200 | 8:17 | 13:03:32.0 | 29:05:58 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0150.COMP | 10 | 8:38 | 13:03:32.0 | 29:05:58 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0151.hs884 | 1200 | 8:39 | 13:03:36.1 | 29:18:06 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0152.COMP | 10 | 8:59 | 13:03:36.1 | 29:18:06 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0153.hs886 | 1200 | 9:00 | 13:07:59.3 | 29:10:51 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |

UT Date 2002-03-20 Observers P BerlindColl. Focus 960 Grating/Grism 300

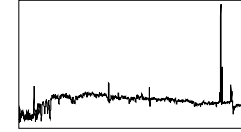
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|---------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0154.COMP | 10 | 9:21 | 13:07:59.3 | 29:10:51 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0155.hs887 | 1200 | 9:22 | 13:10:13.3 | 29:43:58 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0156.COMP | 10 | 9:42 | 13:10:13.3 | 29:43:58 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0157.hs888 | 1200 | 9:43 | 13:14:55.1 | 28:53:30 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0158.COMP | 10 | 10:04 | 13:14:55.1 | 28:53:30 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0159.hs889 | 1200 | 10:04 | 13:15:38.9 | 29:04:05 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0160.COMP | 10 | 10:25 | 13:15:38.9 | 29:04:05 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0161.hs890 | 1200 | 10:26 | 13:15:44.5 | 29:24:47 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0162.COMP | 10 | 10:46 | 13:15:44.5 | 29:24:47 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0163.HD120933 | 3 | 10:47 | 13:49:35.1 | 34:41:28 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0164.HD120933 | 3 | 10:47 | 13:49:35.1 | 34:41:28 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0165.HD120933 | 6 | 10:48 | 13:49:35.1 | 34:41:28 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0166.COMP | 10 | 10:48 | 13:49:35.1 | 34:41:28 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0167.HD123657 | 3 | 10:49 | 14:05:55.8 | 44:05:29 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0168.HD123657 | 3 | 10:50 | 14:05:55.8 | 44:05:29 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0169.HD123657 | 6 | 10:50 | 14:05:55.8 | 44:05:29 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0170.COMP | 10 | 10:50 | 14:05:55.8 | 44:05:29 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0171.HD126511 | 6 | 10:51 | 14:24:48.9 | +41:16:30 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0172.HD126511 | 15 | 10:52 | 14:24:48.9 | +41:16:30 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0173.HD126511 | 15 | 10:53 | 14:24:48.9 | +41:16:30 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |

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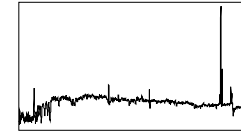
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|---------------|----------|----------|------------|-----------|-----|------|------|---------------|-----|----------|
| 0174.COMP | 10 | 10:53 | 14:24:48.9 | +41:16:30 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0175.HD126327 | 15 | 10:54 | 14:21:56.6 | 25:55:48 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0176.HD126327 | 20 | 10:55 | 14:21:56.6 | 25:55:48 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0177.HD126327 | 30 | 10:56 | 14:21:56.6 | 25:55:48 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0178.COMP | 10 | 10:57 | 14:21:56.6 | 25:55:48 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0179.HD128987 | 10 | 10:58 | 14:40:31.1 | -16:12:33 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0180.HD128987 | 20 | 10:58 | 14:40:31.1 | -16:12:33 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0181.HD128987 | 20 | 10:59 | 14:40:31.1 | -16:12:33 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0182.COMP | 10 | 11:00 | 14:40:31.1 | -16:12:33 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0183.HD136834 | 20 | 11:01 | 15:22:42.5 | +01:25:07 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0184.HD136834 | 30 | 11:01 | 15:22:42.5 | +01:25:07 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0185.HD136834 | 30 | 11:02 | 15:22:42.5 | +01:25:07 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0186.COMP | 10 | 11:03 | 15:22:42.5 | +01:25:07 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0187.HD149661 | 10 | 11:04 | 16:36:19.8 | -02:19:13 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0188.HD149661 | 6 | 11:05 | 16:36:19.8 | -02:19:13 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0189.HD149661 | 6 | 11:05 | 16:36:19.8 | -02:19:13 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0190.COMP | 10 | 11:06 | 16:36:19.8 | -02:19:13 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0191.HD149161 | 4 | 11:07 | 16:30:15.7 | 11:35:38 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0192.HD149161 | 4 | 11:07 | 16:30:15.7 | 11:35:38 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0193.HD149161 | 4 | 11:07 | 16:30:15.7 | 11:35:38 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |

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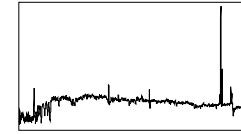
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|----------|-----|------|------|----------------|-----|----------|
| 0194.COMP | 10 | 11:08 | 16:30:15.7 | 11:35:38 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0195.HD148783 | 4 | 11:09 | 16:26:59.8 | 41:59:26 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0196.HD148783 | 3 | 11:10 | 16:26:59.8 | 41:59:26 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0197.HD148783 | 3 | 11:10 | 16:26:59.8 | 41:59:26 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0198.COMP | 10 | 11:11 | 16:26:59.8 | 41:59:26 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0199.HD138481 | 4 | 11:12 | 15:29:7.8 | 41:00:9 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0200.HD138481 | 4 | 11:12 | 15:29:7.8 | 41:00:9 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0201.HD138481 | 4 | 11:12 | 15:29:7.8 | 41:00:9 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0202.COMP | 10 | 11:13 | 15:29:7.8 | 41:00:9 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0203.HD139669 | 4 | 11:14 | 15:32:51.2 | 77:30:59 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0204.HD139669 | 4 | 11:15 | 15:32:51.2 | 77:30:59 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0205.HD139669 | 4 | 11:15 | 15:32:51.2 | 77:30:59 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0206.COMP | 10 | 11:15 | 15:32:51.2 | 77:30:59 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0207.BDp332642 | 120 | 11:17 | 15:50:03 | 33:05:49 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0208.BDp332642 | 120 | 11:19 | 15:50:03 | 33:05:49 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0209.BDp332642 | 120 | 11:22 | 15:50:03 | 33:05:49 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0210.COMP | 10 | 11:24 | 15:50:03 | 33:05:49 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0211.hs891 | 1200 | 11:25 | 13:16:22.0 | 28:54:46 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0212.COMP | 10 | 11:46 | 13:16:22.0 | 28:54:46 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0213.hs893 | 1200 | 11:47 | 13:19:19.7 | 29:09:29 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |

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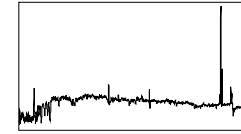
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|--------------|
| 0214.COMP | 10 | 12:07 | 13:19:19.7 | 29:09:29 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0215.HD158614 | 4 | 12:09 | 17:30:24.1 | -01:03:36 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0216.HD158614 | 4 | 12:09 | 17:30:24.1 | -01:03:36 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0217.HD158614 | 4 | 12:09 | 17:30:24.1 | -01:03:36 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0218.COMP | 10 | 12:10 | 17:30:24.1 | -01:03:36 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0219.HD165341 | 3 | 12:11 | 18:05:27.3 | +02:29:58 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0220.HD165341 | 3 | 12:11 | 18:05:27.3 | +02:29:58 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0221.HD165341 | 3 | 12:11 | 18:05:27.3 | +02:29:58 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0222.COMP | 10 | 12:12 | 18:05:27.3 | +02:29:58 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0223.FLAT | 40 | 12:15 | 18:05:27.3 | +02:29:58 | 600 | 90 | 2.0 | #122 Halo Star | 4 | clear @ dawn |
| 0224-0232.FLAT | 40 | 12:22 | 18:05:27.3 | +02:29:58 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0233-0242.BIAS | 0 | 12:24 | 18:05:27.3 | +02:29:58 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0243-0252.FLAT | 80 | 12:38 | 18:05:27.3 | +02:29:58 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0253-0262.BIAS | 0 | 12:42 | 18:05:27.3 | +02:29:58 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |
| 0263-0272.DARK | 1200 | 15:47 | 18:05:27.3 | +02:29:58 | 600 | 90 | 2.0 | #122 Halo Star | 2 | |

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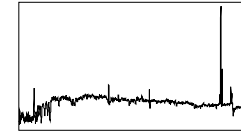
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|------------------------------|
| 0001.DARK | 900 | 0:44 | 05:29:05.0 | 31:30:16 | 300 | 90 | 3.0 | none | 4 | |
| 0002.DARK | 900 | 0:59 | 05:44:16.0 | 31:30:19 | 300 | 90 | 3.0 | none | 4 | |
| 0003.DARK | 900 | 1:14 | 05:59:24.0 | 31:30:21 | 300 | 90 | 3.0 | none | 4 | |
| 0004.DARK | 900 | 1:30 | 06:14:34.0 | 31:30:24 | 300 | 90 | 3.0 | none | 4 | |
| 0005.DARK | 900 | 1:45 | 06:29:41.0 | 31:30:26 | 300 | 90 | 3.0 | none | 4 | |
| 0006-0015.BIAS | 0 | 2:01 | 06:31:03.0 | 31:30:26 | 300 | 90 | 3.0 | none | 4 | |
| 0016-0025.FLAT | 6 | 2:04 | 06:34:10.0 | 31:30:27 | 300 | 90 | 3.0 | none | 4 | |
| 0026.BIAS | 0 | 2:29 | 06:58:44.0 | 31:30:31 | 300 | 90 | 3.0 | none | 2 | binning woes! |
| 0027-0033.BIAS | 0 | 2:30 | 07:00:14.0 | 31:30:31 | 300 | 90 | 3.0 | none | 2 | |
| 0034-0035.BIAS | 0 | 2:31 | 07:00:40.0 | 31:30:32 | 300 | 90 | 3.0 | none | 2 | |
| 0036.FLAT | 12 | 2:31 | 07:01:19.0 | 31:30:32 | 300 | 90 | 3.0 | none | 2 | will stay in binby 2 tonight |
| 0037-0045.FLAT | 12 | 2:35 | 07:05:00.0 | 31:30:32 | 300 | 90 | 3.0 | none | 2 | |
| 0046.Hiltner600 | 50 | 2:48 | 06:42:37.2 | 02:11:25 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0047.Hiltner600 | 50 | 2:49 | 06:42:37.2 | 02:11:25 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0048.COMP | 12 | 2:50 | 06:42:37.2 | 02:11:25 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0049.Hiltner600 | 50 | 2:53 | 06:42:37.2 | 02:11:25 | 300 | 13 | 3.0 | #56 Spectropho | 2 | |
| 0050.Hiltner600 | 50 | 2:54 | 06:42:37.2 | 02:11:25 | 300 | 13 | 3.0 | #56 Spectropho | 2 | |
| 0051.COMP | 12 | 2:56 | 06:42:37.2 | 02:11:25 | 300 | 13 | 3.0 | #56 Spectropho | 2 | |
| 0052.Akn120 | 180 | 2:59 | 05:13:38.0 | -00:12:15 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0053.COMP | 12 | 3:02 | 05:13:38.0 | -00:12:15 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |

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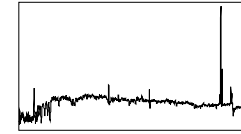
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|--------------------------|
| 0054.vso-73991 | 1020 | 3:06 | 05:55:37.6 | 00:42:33 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0055.COMP | 12 | 3:23 | 05:55:37.6 | 00:42:33 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0056.vso-74066 | 1200 | 3:24 | 05:55:40.9 | 00:33:34 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0057.COMP | 12 | 3:45 | 05:55:40.9 | 00:33:34 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0058.MRK110 | 360 | 4:20 | 09:25:12.9 | +52:17:10 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0059.COMP | 12 | 4:26 | 09:25:12.9 | +52:17:10 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0060.FSVSJ095954 | 1200 | 4:33 | 09:59:54.6 | 22:52:06 | 300 | 90 | 3.0 | #131 FSVS | 2 | QSO |
| 0061.COMP | 12 | 4:53 | 09:59:54.6 | 22:52:06 | 300 | 90 | 3.0 | #131 FSVS | 2 | |
| 0062.sn2002bf | 1200 | 4:58 | 10:15:42.3 | +55:40:06 | 300 | 24 | 3.0 | #2 SN Observat | 2 | |
| 0063.COMP | 12 | 5:19 | 10:15:42.3 | +55:40:06 | 300 | 24 | 3.0 | #2 SN Observat | 2 | |
| 0064.sn2002bo | 1200 | 5:22 | 10:18:06.5 | +21:49:41 | 300 | -31 | 3.0 | #2 SN Observat | 2 | |
| 0065.COMP | 12 | 5:42 | 10:18:06.5 | +21:49:41 | 300 | -31 | 3.0 | #2 SN Observat | 2 | |
| 0066.FLAT | 45 | 5:47 | 10:18:06.5 | +21:49:41 | 600 | 90 | 2.0 | #10 M67 Galaxi | 2 | 600L, 2 arcsec, tilt=732 |
| 0067-0075.FLAT | 45 | 5:56 | 10:18:06.5 | +21:49:41 | 600 | 90 | 2.0 | #10 M67 Galaxi | 2 | |
| 0076.Feige34 | 120 | 5:59 | 10:36:41.2 | 43:21:50 | 600 | 90 | 2.0 | #56 Spectropho | 2 | |
| 0077.COMP | 30 | 6:01 | 10:36:41.2 | 43:21:50 | 600 | 90 | 2.0 | #56 Spectropho | 2 | |
| 0078.UGC06604 | 1020 | 6:04 | 11:38:08.7 | 58:45:30 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0079.COMP | 20 | 6:22 | 11:38:08.7 | 58:45:30 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0080.N3818 | 1020 | 6:24 | 11:41:57.3 | -06:09:20 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0081.COMP | 20 | 6:42 | 11:41:57.3 | -06:09:20 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |

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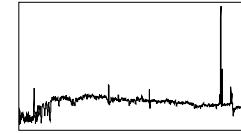
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|-------------|-----------|-----|------|------|----------------|-----|--------------|
| 0082.VCC784 | 1020 | 6:44 | 12:25:14.7 | 15:36:27 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0083.COMP | 20 | 7:01 | 12:25:14.7 | 15:36:27 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0084.VCC1475 | 1020 | 7:02 | 12:33:04.9 | 16:15:56 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0085.COMP | 20 | 7:20 | 12:33:04.9 | 16:15:56 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0086.VCC1871 | 1020 | 7:21 | 12:41:15.7 | 11:23:14 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0087.COMP | 20 | 7:39 | 12:41:15.7 | 11:23:14 | 600 | 90 | 2.0 | #10 M67 stars | 2 | |
| 0088.MRK421 | 300 | 7:43 | 11:04:27.4 | +38:12:32 | 300 | 90 | 3.0 | #133 MRK421 | 2 | normal setup |
| 0089.MRK421 | 300 | 7:48 | 11:04:27.4 | +38:12:32 | 300 | 90 | 3.0 | #133 MRK421 | 2 | |
| 0090.MRK421 | 300 | 7:54 | 11:04:27.4 | +38:12:32 | 300 | 90 | 3.0 | #133 MRK421 | 2 | |
| 0091.COMP | 12 | 7:59 | 11:04:27.4 | +38:12:32 | 300 | 90 | 3.0 | #133 MRK421 | 2 | |
| 0092.comak_058 | 660 | 8:01 | 13:07:38.9 | 35:24:41 | 300 | 90 | 3.0 | #64f Cluster I | 2 | |
| 0093.COMP | 12 | 8:13 | 13:07:38.9 | 35:24:41 | 300 | 90 | 3.0 | #64f Cluster I | 2 | |
| 0094.comas_001 | 900 | 8:17 | 012:27:10.0 | 026:57:26 | 300 | 90 | 3.0 | #64 Comas | 2 | |
| 0095.COMP | 12 | 8:33 | 012:27:10.0 | 026:57:26 | 300 | 90 | 3.0 | #64 Comas | 2 | |
| 0096.comas_002 | 780 | 8:34 | 12:27:41.8 | 28:41:53 | 300 | 90 | 3.0 | #64 Comas | 2 | |
| 0097.COMP | 12 | 8:47 | 12:27:41.8 | 28:41:53 | 300 | 90 | 3.0 | #64 Comas | 2 | |
| 0098.comas_003 | 1200 | 8:49 | 12:31:38.6 | 27:29:43 | 300 | 90 | 3.0 | #64 Comas | 2 | |
| 0099.COMP | 12 | 9:09 | 12:31:38.6 | 27:29:43 | 300 | 90 | 3.0 | #64 Comas | 2 | |
| 0100.comas_004 | 1080 | 9:10 | 12:34:17.2 | 27:27:08 | 300 | 90 | 3.0 | #64 Comas | 2 | |
| 0101.COMP | 12 | 9:28 | 12:34:17.2 | 27:27:08 | 300 | 90 | 3.0 | #64 Comas | 2 | |

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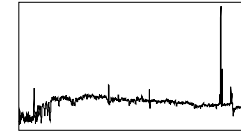
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|------------------|----------|----------|------------|----------|-----|------|------|-----------|-----|----------|
| 0102.comas_005 | 1080 | 9:30 | 12:35:41.7 | 26:13:19 | 300 | 90 | 3.0 | #64 Comas | 2 | |
| 0103.COMP | 12 | 9:48 | 12:35:41.7 | 26:13:19 | 300 | 90 | 3.0 | #64 Comas | 2 | |
| 0104.comas_006 | 900 | 9:49 | 12:35:58.5 | 26:57:57 | 300 | 90 | 3.0 | #64 Comas | 2 | |
| 0105.COMP | 12 | 10:04 | 12:35:58.5 | 26:57:57 | 300 | 90 | 3.0 | #64 Comas | 2 | |
| 0106.comas_007 | 300 | 10:05 | 12:36:30.4 | 26:12:01 | 300 | 90 | 3.0 | #64 Comas | 2 | |
| 0107.COMP | 12 | 10:11 | 12:36:30.4 | 26:12:01 | 300 | 90 | 3.0 | #64 Comas | 2 | |
| 0108.comas_008 | 660 | 10:12 | 12:36:38.0 | 24:25:43 | 300 | 90 | 3.0 | #64 Comas | 2 | |
| 0109.COMP | 12 | 10:23 | 12:36:38.0 | 24:25:43 | 300 | 90 | 3.0 | #64 Comas | 2 | |
| 0110.comas_009 | 1200 | 10:24 | 12:36:48.4 | 27:32:55 | 300 | 90 | 3.0 | #64 Comas | 2 | |
| 0111.COMP | 12 | 10:45 | 12:36:48.4 | 27:32:55 | 300 | 90 | 3.0 | #64 Comas | 2 | |
| 0112.comas_010 | 900 | 10:46 | 12:37:55.4 | 34:01:20 | 300 | 90 | 3.0 | #64 Comas | 2 | |
| 0113.COMP | 12 | 11:01 | 12:37:55.4 | 34:01:20 | 300 | 90 | 3.0 | #64 Comas | 2 | |
| 0114.FSVSJ171906 | 1200 | 11:04 | 17:19:06.0 | 26:33:08 | 300 | 90 | 3.0 | #131 FSVS | 2 | row=73 |
| 0115.COMP | 12 | 11:24 | 17:19:06.0 | 26:33:08 | 300 | 90 | 3.0 | #131 FSVS | 2 | |
| 0116.FSVSJ162346 | 1200 | 11:26 | 16:23:46.1 | 27:05:57 | 300 | 90 | 3.0 | #131 FSVS | 2 | |
| 0117.COMP | 12 | 11:46 | 16:23:46.1 | 27:05:57 | 300 | 90 | 3.0 | #131 FSVS | 2 | |
| 0118.FSVSJ172029 | 1020 | 11:48 | 17:20:29.1 | 26:56:49 | 300 | 90 | 3.0 | #131 FSVS | 2 | |
| 0119.COMP | 12 | 12:05 | 17:20:29.1 | 26:56:49 | 300 | 90 | 3.0 | #131 FSVS | 2 | |
| 0120.FSVSJ172102 | 1080 | 12:07 | 17:21:02.4 | 26:39:11 | 300 | 90 | 3.0 | #131 FSVS | 2 | |
| 0121.COMP | 12 | 12:25 | 17:21:02.4 | 26:39:11 | 300 | 90 | 3.0 | #131 FSVS | 2 | |

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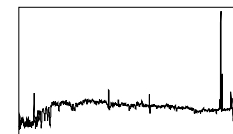
| <i>File</i> | <i>Exp Time</i> | <i>UT Start</i> | <i>RA</i> | <i>Dec</i> | <i>Gr.</i> | <i>P.A.</i> | <i>Slit</i> | <i>Program</i> | <i>Bin</i> | <i>Comments</i> |
|----------------|-----------------|-----------------|-----------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0122.BDp332642 | 120 | 12:38 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0123.COMP | 12 | 12:40 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0124-0128.sky | 2 | 13:15 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0129.COMP | 12 | 13:16 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0130-0139.BIAS | 0 | 13:19 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0140-0149.FLAT | 12 | 13:23 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0150-0159.DARK | 900 | 15:41 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |

UT Date 2002-03-22 Observers M CalkinsColl. Focus 960 Grating/Grism 300

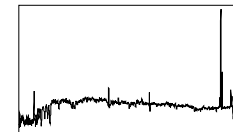
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-----------------|----------|----------|------------|----------|-----|------|------|----------------|-----|---------------------|
| 0001.DARK | 900 | 0:20 | 05:09:04.0 | 31:30:13 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0002.DARK | 900 | 0:35 | 05:24:11.0 | 31:30:15 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0003.DARK | 900 | 0:51 | 05:39:22.0 | 31:30:18 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0004.DARK | 900 | 1:06 | 05:54:33.0 | 31:30:20 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0005.DARK | 900 | 1:21 | 06:09:40.0 | 31:30:23 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0006.DARK | 900 | 1:36 | 06:24:51.0 | 31:30:25 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0007-0016.BIAS | 0 | 2:02 | 06:35:55.0 | 31:30:27 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0017-0026.FLAT | 6 | 2:06 | 06:39:53.0 | 31:30:28 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0027-0036.BIAS | 0 | 2:08 | 06:42:04.0 | 31:30:28 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0037-0038.FLAT | 12 | 2:09 | 06:43:09.0 | 31:30:28 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0039-0046.FLAT | 12 | 2:12 | 06:46:24.0 | 31:30:29 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0047.Hiltner600 | 50 | 2:19 | 06:42:37.2 | 02:11:25 | 300 | 90 | 3.0 | #56 Spectropho | 4 | working thru clouds |
| 0048.Hiltner600 | 50 | 2:20 | 06:42:37.2 | 02:11:25 | 300 | 90 | 3.0 | #56 Spectropho | 4 | |
| 0049.COMP | 5 | 2:22 | 06:42:37.2 | 02:11:25 | 300 | 90 | 3.0 | #56 Spectropho | 4 | |
| 0050.Hiltner600 | 50 | 2:22 | 06:42:37.2 | 02:11:25 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0051.Hiltner600 | 50 | 2:23 | 06:42:37.2 | 02:11:25 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0052.COMP | 12 | 2:25 | 06:42:37.2 | 02:11:25 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0053.Hiltner600 | 50 | 2:27 | 06:42:37.2 | 02:11:25 | 300 | 5 | 3.0 | #56 Spectropho | 2 | |
| 0054.Hiltner600 | 50 | 2:28 | 06:42:37.2 | 02:11:25 | 300 | 5 | 3.0 | #56 Spectropho | 2 | |
| 0055.COMP | 12 | 2:30 | 06:42:37.2 | 02:11:25 | 300 | 5 | 3.0 | #56 Spectropho | 2 | |

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| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------------------------|
| 0056.NGC1700 | 300 | 2:34 | 04:56:58.1 | -04:52:22 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0057.COMP | 12 | 2:39 | 04:56:58.1 | -04:52:22 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0058.Akn120 | 240 | 2:45 | 05:13:38.0 | -00:12:15 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0059.COMP | 12 | 2:50 | 05:13:38.0 | -00:12:15 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0060.vso-72610A | 1200 | 2:55 | 05:54:20.2 | 00:46:16 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | southeast star |
| 0061.COMP | 12 | 3:16 | 05:54:20.2 | 00:46:16 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0062.vso-72610B | 1200 | 3:17 | 05:54:20.2 | 00:46:16 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | northwest star, row=76 |
| 0063.COMP | 12 | 3:37 | 05:54:20.2 | 00:46:16 | 300 | 90 | 3.0 | 112 Orion PMS | 2 | |
| 0064.sn2002bo | 900 | 3:42 | 10:18:06.5 | +21:49:41 | 300 | 110 | 3.0 | #2 SN Observat | 2 | |
| 0065.sn2002bo | 900 | 3:57 | 10:18:06.5 | +21:49:41 | 300 | 110 | 3.0 | #2 SN Observat | 2 | |
| 0066.COMP | 12 | 4:12 | 10:18:06.5 | +21:49:41 | 300 | 110 | 3.0 | #2 SN Observat | 2 | wait out clouds |
| 0067.sn2002bf | 900 | 7:32 | 10:15:42.3 | +55:40:06 | 300 | 49 | 3.0 | #2 SN Observat | 2 | |
| 0068.sn2002bf | 720 | 7:48 | 10:15:42.3 | +55:40:06 | 300 | 49 | 3.0 | #2 SN Observat | 2 | shorten 2nd exp for clouds |
| 0069.COMP | 12 | 8:00 | 10:15:42.3 | +55:40:06 | 300 | 49 | 3.0 | #2 SN Observat | 2 | |
| 0070.MRK421 | 900 | 9:01 | 11:04:27.4 | +38:12:32 | 300 | 90 | 3.0 | #133 MRK421 | 2 | through clouds |
| 0071.MRK421 | 900 | 9:16 | 11:04:27.4 | +38:12:32 | 300 | 90 | 3.0 | #133 MRK421 | 2 | |
| 0072.COMP | 12 | 9:32 | 11:04:27.4 | +38:12:32 | 300 | 90 | 3.0 | #133 MRK421 | 2 | |
| 0073.comas_011 | 720 | 9:43 | 12:38:04.5 | 33:27:31 | 300 | 90 | 3.0 | #64 Comas | 2 | |
| 0074.COMP | 12 | 9:56 | 12:38:04.5 | 33:27:31 | 300 | 90 | 3.0 | #64 Comas | 2 | |
| 0075.comas_012 | 480 | 9:57 | 12:38:13.3 | 28:56:13 | 300 | 90 | 3.0 | #64 Comas | 2 | |

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| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|---------------------------------|
| 0076.COMP | 12 | 10:05 | 12:38:13.3 | 28:56:13 | 300 | 90 | 3.0 | #64 Comas | 2 | |
| 0077.comas_013 | 660 | 10:06 | 12:39:18.0 | 27:54:31 | 300 | 90 | 3.0 | #64 Comas | 2 | clouds interrupted... try again |
| 0078.COMP | 12 | 10:18 | 12:39:18.0 | 27:54:31 | 300 | 90 | 3.0 | #64 Comas | 2 | |
| 0079.comas_013 | 1080 | 10:19 | 12:39:18.0 | 27:54:31 | 300 | 90 | 3.0 | #64 Comas | 2 | |
| 0080.COMP | 12 | 10:37 | 12:39:18.0 | 27:54:31 | 300 | 90 | 3.0 | #64 Comas | 2 | |
| 0081.FSVSJ171958 | 1200 | 10:40 | 17:19:58.9 | 25:51:44 | 300 | 90 | 3.0 | #131 FSVS | 2 | clearing... |
| 0082.COMP | 12 | 11:02 | 17:19:58.9 | 25:51:44 | 300 | 90 | 3.0 | #131 FSVS | 2 | |
| 0083.FSVSJ171843 | 1200 | 11:04 | 17:18:43.5 | 25:53:01 | 300 | 90 | 3.0 | #131 FSVS | 2 | |
| 0084.COMP | 12 | 11:24 | 17:18:43.5 | 25:53:01 | 300 | 90 | 3.0 | #131 FSVS | 2 | |
| 0085.FSVSJ172029 | 900 | 11:25 | 17:20:29.1 | 26:56:49 | 300 | 90 | 3.0 | #131 FSVS | 2 | |
| 0086.COMP | 12 | 11:41 | 17:20:29.1 | 26:56:49 | 300 | 90 | 3.0 | #131 FSVS | 2 | |
| 0087.FSVSJ172043 | 1020 | 11:42 | 17:20:43.7 | 27:27:06 | 300 | 90 | 3.0 | #131 FSVS | 2 | |
| 0088.COMP | 12 | 11:59 | 17:20:43.7 | 27:27:06 | 300 | 90 | 3.0 | #131 FSVS | 2 | |
| 0089.FSVSJ171929 | 1020 | 12:02 | 17:19:29.5 | 27:32:29 | 300 | 90 | 3.0 | #131 FSVS | 2 | |
| 0090.COMP | 12 | 12:19 | 17:19:29.5 | 27:32:29 | 300 | 90 | 3.0 | #131 FSVS | 2 | |
| 0091.FSVSJ172054 | 1200 | 12:21 | 17:20:54.4 | 27:42:07 | 300 | 90 | 3.0 | #131 FSVS | 2 | QSO? |
| 0092.COMP | 12 | 12:41 | 17:20:54.4 | 27:42:07 | 300 | 90 | 3.0 | #131 FSVS | 2 | |
| 0093.BDp332642 | 90 | 12:43 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0094.COMP | 12 | 12:45 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0095.N5866 | 180 | 12:46 | 15:05:07.2 | +55:57:18 | 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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0096.COMP | 12 | 12:50 | 15:05:07.2 | +55:57:18 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0097-0101.sky | 2 | 13:04 | 15:05:07.2 | +55:57:18 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0102.COMP | 5 | 13:04 | 15:05:07.2 | +55:57:18 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0103-0112.BIAS | 0 | 13:06 | 15:05:07.2 | +55:57:18 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0113-0122.FLAT | 6 | 13:09 | 15:05:07.2 | +55:57:18 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0123-0132.BIAS | 0 | 13:11 | 15:05:07.2 | +55:57:18 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0133-0142.FLAT | 12 | 13:16 | 15:05:07.2 | +55:57:18 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0143-0152.DARK | 900 | 15:33 | 15:05:07.2 | +55:57:18 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |