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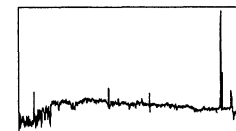
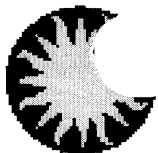
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0001.DARK | 900 | 0:02 | 03:03:28.9 | +31:29:39 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0002.DARK | 900 | 0:17 | 03:18:37.4 | +31:29:42 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0003.DARK | 900 | 0:32 | 03:33:45.8 | +31:29:45 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0004.DARK | 900 | 0:48 | 03:48:54.1 | +31:29:47 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0005.DARK | 900 | 1:03 | 04:04:02.6 | +31:29:51 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0006.DARK | 900 | 1:18 | 04:19:14.5 | +31:29:54 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0007.DARK | 900 | 1:33 | 04:34:23.8 | +31:29:57 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0008-0016.BIAS | 0 | 1:49 | 04:35:31.2 | +31:29:57 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0017.BIAS | 0 | 1:49 | 04:35:39.4 | +31:29:58 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0018-0027.FLAT | 6 | 1:52 | 04:38:19.2 | +31:29:58 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0028-0032.BIAS | 0 | 1:53 | 04:39:44.0 | +31:29:58 | 300 | 90 | 3.0 | #112 Orion PMS | 2 | |
| 0033-0037.BIAS | 0 | 1:54 | 04:40:50.8 | +31:29:59 | 300 | 90 | 3.0 | #112 Orion PMS | 2 | |
| 0038-0043.FLAT | 12 | 1:57 | 04:43:55.8 | +31:29:59 | 300 | 90 | 3.0 | #112 Orion PMS | 2 | |
| 0044-0047.FLAT | 12 | 1:59 | 04:45:36.8 | +31:30:00 | 300 | 90 | 3.0 | #112 Orion PMS | 2 | |
| 0048.Hiltner600 | 90 | 2:05 | 06:42:37.2 | 02:11:25 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0049.Hiltner600 | 90 | 2:07 | 06:42:37.2 | 02:11:25 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0050.COMP | 12 | 2:09 | 06:42:37.2 | 02:11:25 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0051.Hiltner600 | 90 | 2:11 | 06:42:37.2 | 02:11:25 | 300 | 90 | 3.0 | #56 Spectropho | 4 | |
| 0052.Hiltner600 | 90 | 2:12 | 06:42:37.2 | 02:11:25 | 300 | 90 | 3.0 | #56 Spectropho | 4 | |
| 0053.COMP | 5 | 2:14 | 06:42:37.2 | 02:11:25 | 300 | 90 | 3.0 | #56 Spectropho | 4 | |

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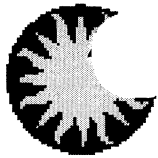
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0054.Hiltner600 | 90 | 2:16 | 06:42:37.2 | 02:11:25 | 300 | -37 | 3.0 | #56 Spectropho | 2 | |
| 0055.Hiltner600 | 90 | 2:18 | 06:42:37.2 | 02:11:25 | 300 | -37 | 3.0 | #56 Spectropho | 2 | |
| 0056.COMP | 12 | 2:20 | 06:42:37.2 | 02:11:25 | 300 | -37 | 3.0 | #56 Spectropho | 2 | |
| 0057.Hiltner600 | 90 | 2:20 | 06:42:37.2 | 02:11:25 | 300 | -37 | 3.0 | #56 Spectropho | 2 | |
| 0058.Hiltner600 | 90 | 2:22 | 06:42:37.2 | 02:11:25 | 300 | -37 | 3.0 | #56 Spectropho | 2 | |
| 0059.COMP | 12 | 2:24 | 06:42:37.2 | 02:11:25 | 300 | -37 | 3.0 | #56 Spectropho | 2 | |
| 0060.vso-09919 | 1200 | 2:33 | 05:14:24.8 | -05:54:45 | 300 | 3 | 3.0 | #112 Orion PMS | 2 | |
| 0061.COMP | 12 | 2:54 | 05:14:24.8 | -05:54:45 | 300 | 3 | 3.0 | #112 Orion PMS | 2 | |
| 0062.vso-09971 | 600 | 2:56 | 05:14:31.6 | -05:51:17 | 300 | 10 | 3.0 | #112 Orion PMS | 2 | |
| 0063.COMP | 12 | 3:07 | 05:14:31.6 | -05:51:17 | 300 | 10 | 3.0 | #112 Orion PMS | 2 | |
| 0064.vso-10149 | 1200 | 3:08 | 05:14:59.4 | -06:04:50 | 300 | 10 | 3.0 | #112 Orion PMS | 2 | |
| 0065.COMP | 12 | 3:29 | 05:14:59.4 | -06:04:50 | 300 | 10 | 3.0 | #112 Orion PMS | 2 | |
| 0066.vso-10462 | 600 | 3:31 | 05:15:49.9 | -06:02:16 | 300 | 20 | 3.0 | #112 Orion PMS | 2 | |
| 0067.COMP | 12 | 3:41 | 05:15:49.9 | -06:02:16 | 300 | 20 | 3.0 | #112 Orion PMS | 2 | |
| 0068.vso-17082 | 600 | 3:43 | 05:17:44.6 | -04:18:47 | 300 | 24 | 3.0 | #112 Orion PMS | 2 | |
| 0069.COMP | 12 | 3:54 | 05:17:44.6 | -04:18:47 | 300 | 24 | 3.0 | #112 Orion PMS | 2 | |
| 0070.vso-11373 | 600 | 3:57 | 05:18:17.1 | -06:00:22 | 300 | 27 | 3.0 | #112 Orion PMS | 2 | |
| 0071.COMP | 12 | 4:07 | 05:18:17.1 | -06:00:22 | 300 | 27 | 3.0 | #112 Orion PMS | 2 | |
| 0072.vso-17525 | 1200 | 4:10 | 05:18:28.4 | -04:11:58 | 300 | 31 | 3.0 | #112 Orion PMS | 2 | |
| 0073.COMP | 12 | 4:31 | 05:18:28.4 | -04:11:58 | 300 | 31 | 3.0 | #112 Orion PMS | 2 | |

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| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|--------------------------|
| 0074.vso-11902 | 480 | 4:32 | 05:19:44.1 | -05:54:22 | 300 | 35 | 3.0 | #112 Orion PMS | 2 | need more counts |
| 0075.COMP | 12 | 4:41 | 05:19:44.1 | -05:54:22 | 300 | 35 | 3.0 | #112 Orion PMS | 2 | |
| 0076.vso-11902 | 600 | 4:42 | 05:19:44.1 | -05:54:22 | 300 | 35 | 3.0 | #112 Orion PMS | 2 | |
| 0077.COMP | 12 | 4:53 | 05:19:44.1 | -05:54:22 | 300 | 35 | 3.0 | #112 Orion PMS | 2 | |
| 0078.vso-18370 | 900 | 4:55 | 05:19:49.8 | -04:08:06 | 300 | 41 | 3.0 | #112 Orion PMS | 2 | |
| 0079.vso-18370 | 900 | 5:11 | 05:19:49.8 | -04:08:06 | 300 | 41 | 3.0 | #112 Orion PMS | 2 | |
| 0080.COMP | 12 | 5:26 | 05:19:49.8 | -04:08:06 | 300 | 41 | 3.0 | #112 Orion PMS | 2 | |
| 0081.vso-11981 | 1200 | 5:28 | 05:19:55.8 | -06:04:55 | 300 | 45 | 3.0 | #112 Orion PMS | 2 | |
| 0082.COMP | 12 | 5:48 | 05:19:55.8 | -06:04:55 | 300 | 45 | 3.0 | #112 Orion PMS | 2 | |
| 0083.vso-12061 | 1200 | 5:50 | 05:20:07.9 | -05:53:31 | 300 | 48 | 3.0 | #112 Orion PMS | 2 | |
| 0084.COMP | 12 | 6:10 | 05:20:07.9 | -05:53:31 | 300 | 48 | 3.0 | #112 Orion PMS | 2 | |
| 0085.snwood16 | 1200 | 6:18 | 09:05:54.8 | -05:36:08 | 300 | 0 | 3.0 | #2 SN Observat | 2 | not worth a 2nd exposure |
| 0086.COMP | 12 | 6:39 | 09:05:54.8 | -05:36:08 | 300 | 0 | 3.0 | #2 SN Observat | 2 | |
| 0087.f213 | 1020 | 6:48 | 11:57:31.0 | +32:20:17 | 300 | 40 | 3.0 | #135 Starburst | 2 | row=79 |
| 0088.COMP | 12 | 7:06 | 11:57:31.0 | +32:20:17 | 300 | 40 | 3.0 | #135 Starburst | 2 | |
| 0089.f214 | 660 | 7:07 | 11:57:31.6 | +32:20:29 | 300 | 20 | 3.0 | #135 Starburst | 2 | |
| 0090.COMP | 12 | 7:19 | 11:57:31.6 | +32:20:29 | 300 | 20 | 3.0 | #135 Starburst | 2 | |
| 0091.f215 | 1200 | 7:21 | 11:57:44.1 | +32:17:40 | 300 | 40 | 3.0 | #135 Starburst | 2 | |
| 0092.COMP | 12 | 7:41 | 11:57:44.1 | +32:17:40 | 300 | 40 | 3.0 | #135 Starburst | 2 | |
| 0093.f215a | 120 | 7:43 | 11:57:36.8 | +32:16:39 | 300 | 90 | 3.0 | #135 Starburst | 2 | |

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| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|---------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|--------------------------|
| 0094.COMP | 12 | 7:45 | 11:57:36.8 | +32:16:39 | 300 | 90 | 3.0 | #135 Starburst | 2 | |
| 0095.f216 | 1200 | 7:48 | 12:01:10.4 | +14:06:16 | 300 | -30 | 3.0 | #135 Starburst | 2 | |
| 0096.COMP | 12 | 8:08 | 12:01:10.4 | +14:06:16 | 300 | -30 | 3.0 | #135 Starburst | 2 | |
| 0097.f217 | 1200 | 8:10 | 12:01:27.5 | +14:02:04 | 300 | 90 | 3.0 | #135 Starburst | 2 | |
| 0098.COMP | 12 | 8:31 | 12:01:27.5 | +14:02:04 | 300 | 90 | 3.0 | #135 Starburst | 2 | |
| 0099.f218 | 1200 | 8:34 | 12:02:25.3 | +29:28:14 | 300 | 60 | 3.0 | #135 Starburst | 2 | |
| 0100.f218 | 1200 | 8:54 | 12:02:25.3 | +29:28:14 | 300 | 60 | 3.0 | #135 Starburst | 2 | |
| 0101.COMP | 12 | 9:14 | 12:02:25.3 | +29:28:14 | 300 | 60 | 3.0 | #135 Starburst | 2 | |
| 0102.MRK421 | 360 | 9:16 | 11:04:27.4 | +38:12:32 | 300 | 90 | 3.0 | #133 MRK421 an | 2 | |
| 0103.MRK421 | 360 | 9:22 | 11:04:27.4 | +38:12:32 | 300 | 90 | 3.0 | #133 MRK421 an | 2 | |
| 0104.COMP | 12 | 9:29 | 11:04:27.4 | +38:12:32 | 300 | 90 | 3.0 | #133 MRK421 an | 2 | |
| 0105.M87 | 180 | 9:30 | 12:30:49.4 | 12:23:28 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0106.M87 | 180 | 9:34 | 12:30:49.4 | 12:23:28 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0107.M87 | 180 | 9:37 | 12:30:49.4 | 12:23:28 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0108.COMP | 12 | 9:40 | 12:30:49.4 | 12:23:28 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0109.sn2003an | 1200 | 9:47 | 13:27:53.5 | +28:30:29 | 300 | 105 | 3.0 | #2 SN Observat | 2 | |
| 0110.COMP | 12 | 10:08 | 13:27:53.5 | +28:30:29 | 300 | 105 | 3.0 | #2 SN Observat | 2 | |
| 0111.hs1222 | 600 | 10:18 | 11:38:02.0 | -4:23:10 | 600 | 90 | 2.0 | #122 Halo Star | 4 | 600L, 2 arcsec, tilt=430 |
| 0112.COMP | 10 | 10:29 | 11:38:02.0 | -4:23:10 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0113.hs1222 | 1200 | 10:30 | 11:38:02.0 | -4:23:10 | 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 |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|-------------|
| 0114.COMP | 10 | 10:50 | 11:38:02.0 | -4:23:10 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0115.hs1223 | 480 | 10:52 | 11:39:21.8 | -4:24:28 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0116.COMP | 10 | 11:00 | 11:39:21.8 | -4:24:28 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0117.hs1225 | 480 | 11:22 | 11:43:39.7 | -4:32:45 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0118.COMP | 10 | 11:30 | 11:43:39.7 | -4:32:45 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0119.hs1224 | 1020 | 11:31 | 11:43:37.4 | -4:34:46 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0120.COMP | 10 | 11:49 | 11:43:37.4 | -4:34:46 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0121.hs1226 | 1200 | 11:50 | 11:45:42.7 | -4:03:56 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0122.COMP | 10 | 12:10 | 11:45:42.7 | -4:03:56 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0123.hs1235 | 1200 | 12:12 | 12:15:12.4 | 13:43:16 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0124.COMP | 10 | 12:32 | 12:15:12.4 | 13:43:16 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0125.hs1239 | 1020 | 12:33 | 12:21:56.0 | 18:13:44 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0126.COMP | 10 | 12:50 | 12:21:56.0 | 18:13:44 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0127-0136.FLAT | 40 | 13:00 | 12:22:27.4 | 17:29:57 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0137.N4051 | 150 | 13:08 | 12:03:09.7 | +44:31:53 | 300 | 90 | 3.0 | #6 AGN Monitor | 4 | combo setup |
| 0138.N4051 | 150 | 13:10 | 12:03:09.7 | +44:31:53 | 300 | 90 | 3.0 | #6 AGN Monitor | 4 | |
| 0139.N4051 | 150 | 13:13 | 12:03:09.7 | +44:31:53 | 300 | 90 | 3.0 | #6 AGN Monitor | 4 | |
| 0140.COMP | 5 | 13:16 | 12:03:09.7 | +44:31:53 | 300 | 90 | 3.0 | #6 AGN Monitor | 4 | |
| 0141.BDp332642 | 90 | 13:17 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #56 Spectropho | 4 | |
| 0142.COMP | 5 | 13:19 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #56 Spectropho | 4 | |

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| <i>File</i> | <i>Exp Time</i> | <i>UT Start</i> | <i>RA</i> | <i>Dec</i> | <i>Gr.</i> | <i>P.A.</i> | <i>Slit</i> | <i>Program</i> | <i>Bin</i> | <i>Comments</i> |
|----------------|-----------------|-----------------|-----------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0143-0147.sky | 2 | 13:37 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0148.COMP | 5 | 13:37 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0149-0158.BIAS | 0 | 13:39 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0159-0168.FLAT | 6 | 13:42 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0169-0178.BIAS | 0 | 13:44 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0179-0188.FLAT | 12 | 13:49 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0189-0198.DARK | 900 | 16:08 | 15:50:03 | 33:05:49 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |