

UT Date 2016-02-10 Observers M CalkinsColl. Focus 1310 Grating/Grism 300

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0001-0002.BIAS | 0 | 22:02 | 23:54:46.7 | +31:25:10 | 300 | 90 | 3.0 | 0 Calibration | 1 | |
| 0003.COMP | 10 | 22:03 | 23:54:46.7 | +31:25:10 | 300 | 90 | 3.0 | 0 Calibration | 1 | |
| 0004.DARK | 900 | 22:21 | 23:54:46.7 | +31:25:10 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0007-0012.DARK | 900 | 01:04 | 00:45:06.9 | +31:25:17 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0013-0022.DARK | 240 | 01:58 | 00:45:06.9 | +31:25:17 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0023-0032.BIAS | 0 | 02:05 | 00:45:06.9 | +31:25:17 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0033-0052.FLAT | 7 | 02:41 | 05:05:30.6 | +52:49:52 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0053.HD19445 | 10 | 02:42 | 03:08:25.6 | +26:19:51 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0054.COMP | 10 | 02:43 | 03:08:25.6 | +26:19:51 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0055.G191B2B | 300 | 02:45 | 05:05:30.6 | +52:49:52 | 300 | 85 | 3.0 | #56 Spectropho | 2 | |
| 0056.COMP | 10 | 02:51 | 05:05:30.6 | +52:49:52 | 300 | 85 | 3.0 | 0 Calibration | 2 | |
| 0057.snAT2016G | 1800 | 02:54 | 03:03:57.7 | +43:24:04 | 300 | 60 | 3.0 | #2 SN Observat | 2 | |
| 0058.COMP | 10 | 03:25 | 03:03:57.7 | +43:24:04 | 300 | 60 | 3.0 | 0 Calibration | 2 | |
| 0059.snAT2016G | 1800 | 03:26 | 03:03:57.7 | +43:24:04 | 300 | 60 | 3.0 | #2 SN Observat | 2 | |
| 0060.COMP | 10 | 04:03 | 03:03:57.7 | +43:24:04 | 300 | 60 | 3.0 | 0 Calibration | 2 | |
| 0061.snAT2016G | 1800 | 04:07 | 03:03:57.7 | +43:24:04 | 300 | 60 | 3.0 | #2 SN Observat | 2 | |
| 0062.COMP | 10 | 04:38 | 03:03:57.7 | +43:24:04 | 300 | 60 | 3.0 | 0 Calibration | 2 | |
| 0063.GITau | 240 | 04:42 | 04:33:34.0 | +24:21:18 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0064.COMP | 10 | 04:47 | 04:33:34.0 | +24:21:18 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0065.GKTau | 300 | 04:50 | 04:33:34.5 | +24:21:07 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |

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|---------------|----------|----------|------------|-----------|-----|------|------|---------------|-----|----------|
| 0066.COMP | 10 | 04:56 | 04:33:34.5 | +24:21:07 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0067.BGGem | 600 | 05:01 | 06:03:31.0 | +27:41:50 | 300 | 88 | 3.0 | #12 Symbiotic | 2 | |
| 0068.COMP | 10 | 05:11 | 06:03:31.0 | +27:41:50 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0069.BXMon | 15 | 05:14 | 07:25:23.0 | -03:35:51 | 300 | 88 | 3.0 | #12 Symbiotic | 2 | |
| 0070.BXMon | 100 | 05:14 | 07:25:23.0 | -03:35:51 | 300 | 88 | 3.0 | #12 Symbiotic | 2 | |
| 0071.COMP | 10 | 05:17 | 07:25:23.0 | -03:35:51 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0072.SS129 | 300 | 05:19 | 07:32:45.0 | -26:49:16 | 300 | 88 | 3.0 | #12 Symbiotic | 2 | |
| 0073.SS129 | 300 | 05:24 | 07:32:45.0 | -26:49:16 | 300 | 88 | 3.0 | #12 Symbiotic | 2 | |
| 0074.COMP | 10 | 05:30 | 07:32:45.0 | -26:49:16 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0075.j0819p42 | 900 | 05:36 | 08:19:17.7 | +42:33:39 | 600 | 89 | 1.5 | #178 Low Mass | 4 | |
| 0076.COMP | 10 | 05:52 | 08:19:17.7 | +42:33:39 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0077.k0802 | 1500 | 05:53 | 08:02:05.9 | +43:32:28 | 600 | 89 | 1.5 | #178 Low Mass | 4 | |
| 0078.COMP | 10 | 06:19 | 08:02:05.9 | +43:32:28 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0079.wd0946 | 1200 | 06:21 | 09:49:58.7 | +37:59:19 | 600 | 89 | 1.5 | #178 Low Mass | 4 | |
| 0080.COMP | 10 | 06:41 | 09:49:58.7 | +37:59:19 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0081.pg1237 | 600 | 06:47 | 12:40:25.1 | +23:03:48 | 600 | 88 | 1.5 | #178 Low Mass | 4 | |
| 0082.COMP | 10 | 06:58 | 12:40:25.1 | +23:03:48 | 600 | 88 | 1.5 | 0 Calibration | 4 | |
| 0083.j0819p42 | 900 | 07:00 | 08:19:17.7 | +42:33:39 | 600 | 88 | 1.5 | #178 Low Mass | 4 | |
| 0084.COMP | 10 | 07:16 | 08:19:17.7 | +42:33:39 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0085.k0802 | 1500 | 07:19 | 08:02:05.9 | +43:32:28 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |

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|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0086.COMP | 10 | 07:44 | 08:02:05.9 | +43:32:28 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0087.wd0946 | 1200 | 07:47 | 09:49:58.7 | +37:59:19 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0088.COMP | 10 | 08:08 | 09:49:58.7 | +37:59:19 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0089.pg1237 | 600 | 08:10 | 12:40:25.1 | +23:03:48 | 600 | 89 | 1.5 | #178 Low Mass | 4 | |
| 0090.COMP | 10 | 08:20 | 12:40:25.1 | +23:03:48 | 600 | 88 | 1.5 | 0 Calibration | 4 | |
| 0091.j0819p42 | 900 | 08:41 | 08:19:17.7 | +42:33:39 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0092.COMP | 10 | 08:57 | 08:19:17.7 | +42:33:39 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0093.k0802 | 1800 | 09:00 | 08:02:05.9 | +43:32:28 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0094.COMP | 10 | 09:30 | 08:02:05.9 | +43:32:28 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0095.wd0946 | 1620 | 09:33 | 09:49:58.7 | +37:59:19 | 600 | 89 | 1.5 | #178 Low Mass | 4 | |
| 0096.COMP | 10 | 10:04 | 09:49:58.7 | +37:59:19 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0097.pg1237 | 720 | 10:07 | 12:40:25.1 | +23:03:48 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0098.COMP | 10 | 10:19 | 12:40:25.1 | +23:03:48 | 600 | 87 | 1.5 | 0 Calibration | 4 | |
| 0099.Feige34 | 180 | 10:22 | 10:39:36.7 | +43:06:09 | 600 | 87 | 1.5 | #56 Spectropho | 4 | |
| 0100.COMP | 10 | 10:26 | 10:39:36.7 | +43:06:09 | 600 | 87 | 1.5 | 0 Calibration | 4 | |
| 0101-0110.FLAT | 12 | 10:31 | 10:39:36.7 | +43:06:09 | 600 | 87 | 1.5 | 0 Calibration | 4 | |
| 0111.sn2016P | 2100 | 10:43 | 13:57:31.1 | +06:05:51 | 300 | 20 | 3.0 | #2 SN Observat | 2 | |
| 0112.COMP | 10 | 11:18 | 13:57:31.1 | +06:05:51 | 300 | 20 | 3.0 | 0 Calibration | 2 | |
| 0113.sn2016P | 2100 | 11:19 | 13:57:31.1 | +06:05:51 | 300 | 20 | 3.0 | #2 SN Observat | 2 | |
| 0114.COMP | 10 | 11:55 | 13:57:31.1 | +06:05:51 | 300 | 20 | 3.0 | 0 Calibration | 2 | |

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|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0115.sn2016P | 2100 | 11:55 | 13:57:31.1 | +06:05:51 | 300 | 20 | 3.0 | #2 SN Observat | 2 | |
| 0116.COMP | 10 | 12:31 | 13:57:31.1 | +06:05:51 | 300 | 20 | 3.0 | 0 Calibration | 2 | |
| 0117.BDp262606 | 90 | 12:33 | 14:49:02.4 | +25:42:09 | 300 | 89 | 3.0 | #56 Spectropho | 2 | |
| 0118.COMP | 10 | 12:35 | 14:49:02.4 | +25:42:09 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0119.BDp262606 | 60 | 12:36 | 14:49:02.4 | +25:42:09 | 300 | 89 | 3.0 | #56 Spectropho | 2 | |
| 0120.COMP | 10 | 12:37 | 14:49:02.4 | +25:42:09 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0121.BDp332642 | 100 | 12:39 | 15:51:59.9 | +32:56:54 | 300 | 89 | 3.0 | #56 Spectropho | 2 | |
| 0122.COMP | 10 | 12:41 | 15:51:59.9 | +32:56:54 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0123.TXCVn | 10 | 12:43 | 12:44:42.0 | +36:45:48 | 300 | 89 | 3.0 | #12 Symbiotic | 2 | |
| 0124.TXCVn | 30 | 12:44 | 12:44:42.0 | +36:45:48 | 300 | 89 | 3.0 | #12 Symbiotic | 2 | |
| 0125.COMP | 10 | 12:45 | 12:44:42.0 | +36:45:48 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0126.RWHya | 2 | 12:47 | 13:34:18.0 | -25:22:51 | 300 | 89 | 3.0 | #12 Symbiotic | 2 | |
| 0127.RWHya | 10 | 12:47 | 13:34:18.0 | -25:22:51 | 300 | 89 | 3.0 | #12 Symbiotic | 2 | |
| 0128.RWHya | 20 | 12:48 | 13:34:18.0 | -25:22:51 | 300 | 89 | 3.0 | #12 Symbiotic | 2 | |
| 0129.COMP | 10 | 12:49 | 13:34:18.0 | -25:22:51 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0130.TCrB | 15 | 12:51 | 15:59:30.0 | +25:55:12 | 300 | 89 | 3.0 | #12 Symbiotic | 2 | |
| 0131.TCrB | 60 | 12:52 | 15:59:30.0 | +25:55:12 | 300 | 89 | 3.0 | #12 Symbiotic | 2 | |
| 0132.COMP | 10 | 12:53 | 15:59:30.0 | +25:55:12 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0133.AGDra | 2 | 12:55 | 16:01:41.0 | +66:48:10 | 300 | 89 | 3.0 | #12 Symbiotic | 2 | |
| 0134.AGDra | 15 | 12:55 | 16:01:41.0 | +66:48:10 | 300 | 89 | 3.0 | #12 Symbiotic | 2 | |

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|-----------------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0135.AGDra | 60 | 12:56 | 16:01:41.0 | +66:48:10 | 300 | 89 | 3.0 | #12 Symbiotic | 2 | |
| 0136.COMP | 10 | 12:58 | 16:01:41.0 | +66:48:10 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0137.15105559-2714190 | 660 | 13:01 | 15:10:55.6 | -27:14:19 | 300 | 89 | 3.0 | #141 2MASS Red | 2 | |
| 0138.COMP | 10 | 13:12 | 15:10:55.6 | -27:14:19 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0139-0148.BIAS | 0 | 13:17 | 15:10:55.6 | -27:14:19 | 300 | 89 | 3.0 | 0 Calibration | 4 | |
| 0149-0168.FLAT | 7 | 13:24 | 15:10:55.6 | -27:14:19 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0169-0178.BIAS | 0 | 13:28 | 15:10:55.6 | -27:14:19 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0179-0187.DARK | 900 | 15:31 | 15:10:55.6 | -27:14:19 | 300 | 89 | 3.0 | 0 Calibration | 4 | |