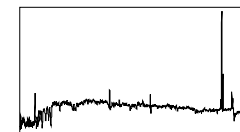


UT Date 2018-09-05 Observers M CalkinsColl. Focus 1320 Grating/Grism 600

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0001-0005.DARK | 900 | 02:00 | 16:23:51.0 | +31:30:12 | 300 | 88 | 3.0 | 0 Calibration | 4 | |
| 0006-0015.BIAS | 0 | 02:24 | 16:23:51.0 | +31:30:12 | 300 | 88 | 3.0 | 0 Calibration | 4 | |
| 0016-0035.FLAT | 7 | 02:34 | 16:23:51.0 | +31:30:12 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0036-0045.BIAS | 0 | 02:36 | 16:23:51.0 | +31:30:12 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0046.TCrB | 15 | 02:45 | 15:59:30.0 | +25:55:12 | 300 | 88 | 3.0 | #12 Symbiotic | 2 | |
| 0047.TCrB | 60 | 02:45 | 15:59:30.0 | +25:55:12 | 300 | 88 | 3.0 | #12 Symbiotic | 2 | |
| 0048.COMP | 10 | 02:47 | 15:59:30.0 | +25:55:12 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0049.AGDra | 2 | 02:51 | 16:01:41.0 | +66:48:10 | 300 | 88 | 3.0 | #12 Symbiotic | 2 | |
| 0050.AGDra | 15 | 02:51 | 16:01:41.0 | +66:48:10 | 300 | 88 | 3.0 | #12 Symbiotic | 2 | |
| 0051.AGDra | 60 | 02:52 | 16:01:41.0 | +66:48:10 | 300 | 88 | 3.0 | #12 Symbiotic | 2 | |
| 0052.COMP | 10 | 02:53 | 16:01:41.0 | +66:48:10 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0053.BDp262606 | 60 | 03:04 | 14:49:02.4 | +25:42:09 | 300 | 88 | 3.0 | #56 Spectropho | 2 | |
| 0054.COMP | 10 | 03:06 | 14:49:02.4 | +25:42:09 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0055.BDp332642 | 120 | 03:10 | 15:51:59.9 | +32:56:54 | 300 | 88 | 3.0 | #56 Spectropho | 2 | |
| 0056.COMP | 10 | 03:13 | 15:51:59.9 | +32:56:54 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0057.AS210 | 5 | 03:17 | 16:51:20.3 | -26:00:33 | 300 | 89 | 3.0 | #12 Symbiotic | 2 | |
| 0058.AS210 | 300 | 03:22 | 16:51:20.3 | -26:00:33 | 300 | 88 | 3.0 | #12 Symbiotic | 2 | |
| 0059.COMP | 10 | 03:28 | 16:51:20.3 | -26:00:33 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0060.Hen1341 | 12 | 03:31 | 17:08:36.0 | -17:26:30 | 300 | 88 | 3.0 | #12 Symbiotic | 2 | |
| 0061.Hen1341 | 30 | 03:32 | 17:08:36.0 | -17:26:30 | 300 | 88 | 3.0 | #12 Symbiotic | 2 | |

UT Date 2018-09-05 Observers M CalkinsColl. Focus 1320 Grating/Grism 600

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0062.Hen1341 | 60 | 03:32 | 17:08:36.0 | -17:26:30 | 300 | 88 | 3.0 | #12 Symbiotic | 2 | |
| 0063.COMP | 10 | 03:34 | 17:08:36.0 | -17:26:30 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0064.DracoC1 | 1200 | 03:38 | 17:19:58.0 | +57:50:06 | 300 | 88 | 3.0 | #12 Symbiotic | 2 | |
| 0065.COMP | 10 | 03:58 | 17:19:58.0 | +57:50:06 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0066.Hen1591 | 120 | 04:02 | 18:07:32.0 | -25:53:43 | 300 | 88 | 3.0 | #12 Symbiotic | 2 | |
| 0067.Hen1591 | 300 | 04:05 | 18:07:32.0 | -25:53:43 | 300 | 88 | 3.0 | #12 Symbiotic | 2 | |
| 0068.COMP | 10 | 04:10 | 18:07:32.0 | -25:53:43 | 300 | 87 | 3.0 | 0 Calibration | 2 | |
| 0069.M31 | 60 | 08:38 | 00:42:44.3 | +41:16:09 | 300 | 87 | 3.0 | #57 Velocity S | 2 | |
| 0070.COMP | 10 | 08:40 | 00:42:44.3 | +41:16:09 | 300 | 87 | 3.0 | 0 Calibration | 2 | |
| 0071.BDp284211 | 120 | 08:41 | 21:51:11.0 | +28:51:50 | 300 | 87 | 3.0 | #56 Spectropho | 2 | |
| 0072.COMP | 10 | 08:44 | 21:51:11.0 | +28:51:50 | 300 | 86 | 3.0 | 0 Calibration | 2 | |
| 0073.BDp174708 | 60 | 08:45 | 22:11:31.4 | +18:05:34 | 300 | 86 | 3.0 | #56 Spectropho | 2 | |
| 0074.COMP | 10 | 08:47 | 22:11:31.4 | +18:05:34 | 300 | 87 | 3.0 | 0 Calibration | 2 | |
| 0075.BRUTUS8366_3 | 1800 | 09:02 | 23:28:03.8 | +09:46:13 | 300 | 90 | 3.0 | #99 Falco | 2 | |
| 0076.COMP | 10 | 09:33 | 23:28:03.8 | +09:46:13 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0077.Feige110 | 240 | 09:39 | 23:19:58.4 | -05:09:56 | 600 | 90 | 1.5 | #56 Spectropho | 4 | |
| 0078.COMP | 10 | 09:44 | 23:19:58.4 | -05:09:56 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0079.j2325p20 | 1500 | 09:46 | 23:25:44.6 | +20:31:45 | 600 | 89 | 1.5 | #178 Low Mass | 4 | |
| 0080.COMP | 10 | 10:11 | 23:25:44.6 | +20:31:45 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0081.j2325p50 | 1600 | 10:14 | 23:25:48.6 | +50:14:31 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |

UT Date 2018-09-05 Observers M CalkinsColl. Focus 1320 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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0082.COMP | 10 | 10:43 | 23:25:48.6 | +50:14:31 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0083.j2348p13 | 1300 | 10:46 | 23:48:57.3 | +13:20:32 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0084.COMP | 10 | 11:08 | 23:48:57.3 | +13:20:32 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0085.j0018m06 | 1300 | 11:10 | 00:18:58.7 | -06:28:18 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0086.COMP | 10 | 11:32 | 00:18:58.7 | -06:28:18 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0087.j0151m15 | 1700 | 11:34 | 01:51:32.5 | -15:12:31 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0088.COMP | 10 | 12:03 | 01:51:32.5 | -15:12:31 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0089-0108.FLAT | 12 | 12:10 | 01:51:32.5 | -15:12:31 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0109-0118.BIAS | 0 | 12:16 | 01:51:32.5 | -15:12:31 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0119-0128.DARK | 900 | 14:39 | 01:51:32.5 | -15:12:31 | 600 | 90 | 1.5 | 0 Calibration | 2 | |