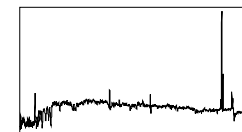


UT Date 2018-01-10 Observers M CalkinsColl. Focus 1290 Grating/Grism 300

| <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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0001-0010.BIAS | 0 | 02:02 | 01:55:08.8 | +31:30:34 | 300 | 87 | 3.0 | 0 Calibration | 4 | |
| 0011-0030.FLAT | 7 | 02:08 | 01:55:08.8 | +31:30:34 | 300 | 87 | 3.0 | 0 Calibration | 2 | |
| 0031-0040.BIAS | 0 | 02:16 | 01:55:08.8 | +31:30:34 | 300 | 87 | 3.0 | 0 Calibration | 2 | |
| 0041-0050.DARK | 900 | 05:47 | 01:55:08.8 | +31:30:34 | 300 | 87 | 3.0 | 0 Calibration | 2 | |

UT Date 2018-01-11 Observers M CalkinsColl. Focus 1290 Grating/Grism 300

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|--------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0001-0010.DARK | 900 | 03:57 | 01:55:08.8 | +31:30:34 | 300 | 87 | 3.0 | 0 Calibration | 4 | |
| 0011-0020.BIAS | 0 | 06:21 | 01:55:08.8 | +31:30:34 | 300 | 87 | 3.0 | 0 Calibration | 4 | |
| 0021-0040.FLAT | 7 | 06:27 | 01:55:08.8 | +31:30:34 | 300 | 87 | 3.0 | 0 Calibration | 2 | |
| 0041-0050.BIAS | 0 | 06:32 | 01:55:08.8 | +31:30:34 | 300 | 87 | 3.0 | 0 Calibration | 2 | |
| 0051.HD84937 | 20 | 08:04 | 09:48:56.1 | +13:44:39 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0052.COMP | 10 | 08:05 | 09:48:56.1 | +13:44:39 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0053.Feige34 | 150 | 08:07 | 10:39:36.7 | +43:06:09 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0054.COMP | 10 | 08:10 | 10:39:36.7 | +43:06:09 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0055.BGGem | 600 | 08:13 | 06:03:31.0 | +27:41:50 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0056.COMP | 10 | 08:23 | 06:03:31.0 | +27:41:50 | 300 | 91 | 3.0 | 0 Calibration | 2 | |
| 0057.BXMon | 15 | 08:26 | 07:25:23.0 | -03:35:51 | 300 | 91 | 3.0 | #12 Symbiotic | 2 | |
| 0058.BXMon | 180 | 08:27 | 07:25:23.0 | -03:35:51 | 300 | 91 | 3.0 | #12 Symbiotic | 2 | |
| 0059.COMP | 10 | 08:30 | 07:25:23.0 | -03:35:51 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0060.SS129 | 360 | 08:32 | 07:32:45.0 | -26:49:16 | 300 | 75 | 3.0 | #12 Symbiotic | 2 | |
| 0061.SS129 | 360 | 08:39 | 07:32:45.0 | -26:49:16 | 300 | 75 | 3.0 | #12 Symbiotic | 2 | |
| 0062.COMP | 10 | 08:45 | 07:32:45.0 | -26:49:16 | 300 | 76 | 3.0 | 0 Calibration | 2 | |
| 0063.sn2017jeh | 1800 | 08:48 | 07:30:04.1 | +54:26:09 | 300 | 89 | 3.0 | #2 SN Observat | 2 | |
| 0064.COMP | 10 | 09:19 | 07:30:04.1 | +54:26:09 | 300 | 85 | 3.0 | 0 Calibration | 2 | |
| 0065.BRUTUS8129_10 | 1500 | 09:47 | 09:16:12.3 | +39:03:42 | 300 | 93 | 3.0 | #220 ASASSN Tr | 2 | |
| 0066.BRUTUS8129_10 | 1500 | 10:12 | 09:16:12.3 | +39:03:42 | 300 | 93 | 3.0 | #220 ASASSN Tr | 2 | |

UT Date 2018-01-11 Observers M CalkinsColl. Focus 1290 Grating/Grism 300

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0067.COMP | 10 | 10:38 | 09:16:12.3 | +39:03:42 | 300 | 92 | 3.0 | 0 Calibration | 2 | |
| 0068.sn2017isj | 2400 | 10:55 | 11:10:44.6 | +04:50:51 | 300 | 40 | 3.0 | #2 SN Observat | 2 | |
| 0069.COMP | 10 | 11:35 | 11:10:44.6 | +04:50:51 | 300 | 40 | 3.0 | 0 Calibration | 2 | |
| 0070.sn2018bq | 1800 | 11:38 | 11:05:59.8 | -12:31:37 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0071.COMP | 10 | 12:08 | 11:05:59.8 | -12:31:37 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0072.BRUTUS8128_8 | 1800 | 12:11 | 14:48:53.6 | +38:46:03 | 300 | 90 | 3.0 | #220 ASASSN Tr | 2 | |
| 0073.COMP | 10 | 12:42 | 14:48:53.6 | +38:46:03 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0074.sn2017jef | 1800 | 12:45 | 15:05:21.0 | +12:47:04 | 300 | 88 | 3.0 | #2 SN Observat | 2 | |
| 0075.COMP | 10 | 13:15 | 15:05:21.0 | +12:47:04 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0076.AGDra | 2 | 13:17 | 16:01:41.0 | +66:48:10 | 300 | 88 | 3.0 | #12 Symbiotic | 2 | |
| 0077.AGDra | 15 | 13:17 | 16:01:41.0 | +66:48:10 | 300 | 88 | 3.0 | #12 Symbiotic | 2 | |
| 0078.AGDra | 60 | 13:18 | 16:01:41.0 | +66:48:10 | 300 | 88 | 3.0 | #12 Symbiotic | 2 | |
| 0079.COMP | 10 | 13:19 | 16:01:41.0 | +66:48:10 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0080.TCrB | 15 | 13:21 | 15:59:30.0 | +25:55:12 | 300 | 88 | 3.0 | #12 Symbiotic | 2 | |
| 0081.TCrB | 60 | 13:22 | 15:59:30.0 | +25:55:12 | 300 | 88 | 3.0 | #12 Symbiotic | 2 | |
| 0082.COMP | 10 | 13:23 | 15:59:30.0 | +25:55:12 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0083.RWHya | 2 | 13:25 | 13:34:18.0 | -25:22:51 | 300 | 88 | 3.0 | #12 Symbiotic | 2 | |
| 0084.RWHya | 10 | 13:25 | 13:34:18.0 | -25:22:51 | 300 | 88 | 3.0 | #12 Symbiotic | 2 | |
| 0085.RWHya | 20 | 13:26 | 13:34:18.0 | -25:22:51 | 300 | 88 | 3.0 | #12 Symbiotic | 2 | |
| 0086.COMP | 10 | 13:27 | 13:34:18.0 | -25:22:51 | 300 | 88 | 3.0 | 0 Calibration | 2 | |

UT Date 2018-01-11 Observers M CalkinsColl. Focus 1290 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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0087.TXCVn | 10 | 13:29 | 12:44:42.0 | +36:45:48 | 300 | 88 | 3.0 | #12 Symbiotic | 2 | |
| 0088.TXCVn | 30 | 13:29 | 12:44:42.0 | +36:45:48 | 300 | 88 | 3.0 | #12 Symbiotic | 2 | |
| 0089.COMP | 10 | 13:30 | 12:44:42.0 | +36:45:48 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0090-0099.BIAS | 0 | 13:37 | 12:58:35.2 | +27:35:47 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0100-0119.FLAT | 7 | 13:44 | 12:58:35.2 | +27:35:47 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0120-0127.DARK | 900 | 15:32 | 12:58:35.2 | +27:35:47 | 300 | 88 | 3.0 | 0 Calibration | 2 | |

UT Date 2018-01-12 Observers M CalkinsColl. Focus 1310 Grating/Grism 300

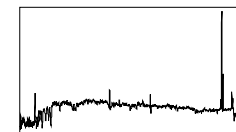
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0001-0010.BIAS | 0 | 00:36 | 12:58:35.2 | +27:35:47 | 300 | 88 | 3.0 | 0 Calibration | 4 | |
| 0011-0030.FLAT | 12 | 00:55 | 12:58:35.2 | +27:35:47 | 600 | 88 | 1.5 | 0 Calibration | 4 | |
| 0031-0040.BIAS | 0 | 00:57 | 12:58:35.2 | +27:35:47 | 600 | 88 | 1.5 | 0 Calibration | 2 | |
| 0041.j2127p49 | 1616 | 01:58 | 21:27:49.8 | +49:46:47 | 600 | 89 | 1.5 | #178 Low Mass | 4 | |
| 0042.COMP | 10 | 02:26 | 21:27:49.8 | +49:46:47 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0043.j2311p29 | 485 | 02:29 | 23:11:28.1 | +29:29:34 | 600 | 89 | 1.5 | #178 Low Mass | 4 | |
| 0044.COMP | 10 | 02:38 | 23:11:28.1 | +29:29:34 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0045.j2311m01 | 1270 | 02:41 | 23:11:42.3 | -01:41:20 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0046.COMP | 10 | 03:03 | 23:11:42.3 | -01:41:20 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0047.j2314m07 | 600 | 03:05 | 23:14:43.1 | -07:34:18 | 600 | 89 | 1.5 | #178 Low Mass | 4 | |
| 0048.COMP | 10 | 03:16 | 23:14:43.1 | -07:34:18 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0049.j2347m07 | 1600 | 03:19 | 23:47:35.7 | -07:11:34 | 600 | 89 | 1.5 | #178 Low Mass | 4 | |
| 0050.COMP | 10 | 03:46 | 23:47:35.7 | -07:11:34 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0051.j0017p27 | 1200 | 03:48 | 00:17:45.0 | +27:51:01 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0052.COMP | 10 | 04:09 | 00:17:45.0 | +27:51:01 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0053.j0023p23 | 1800 | 04:13 | 00:23:39.9 | +23:02:09 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0054.COMP | 10 | 04:44 | 00:23:39.9 | +23:02:09 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0055.j0131m06 | 1500 | 04:48 | 01:31:42.5 | -06:05:15 | 600 | 89 | 1.5 | #178 Low Mass | 4 | |
| 0056.COMP | 10 | 05:13 | 01:31:42.5 | -06:05:15 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0057.G191B2B | 360 | 05:19 | 05:05:30.6 | +52:49:52 | 600 | 89 | 1.5 | #56 Spectropho | 4 | |

UT Date 2018-01-12 Observers M CalkinsColl. Focus 1310 Grating/Grism 300

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0058.COMP | 10 | 05:25 | 05:05:30.6 | +52:49:52 | 600 | 86 | 1.5 | 0 Calibration | 4 | |
| 0059.AT2018ay | 1800 | 05:43 | 03:45:24.8 | -05:35:24 | 300 | 86 | 3.0 | #225 | 2 | |
| 0060.AT2018ay | 1800 | 06:13 | 03:45:24.8 | -05:35:24 | 300 | 86 | 3.0 | #225 | 2 | |
| 0061.AT2018ay | 1800 | 06:43 | 03:45:24.8 | -05:35:24 | 300 | 86 | 3.0 | #225 | 2 | |
| 0062.COMP | 10 | 07:14 | 03:45:24.8 | -05:35:24 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0063.GITau | 240 | 07:16 | 04:33:34.0 | +24:21:18 | 300 | 89 | 3.0 | #12 Symbiotic | 2 | |
| 0064.COMP | 10 | 07:21 | 04:33:34.0 | +24:21:18 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0065.GKTau | 240 | 07:22 | 04:33:34.5 | +24:21:07 | 300 | 89 | 3.0 | #12 Symbiotic | 2 | |
| 0066.COMP | 10 | 07:26 | 04:33:34.5 | +24:21:07 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0067.G191B2B | 300 | 07:29 | 05:05:30.6 | +52:49:52 | 300 | 89 | 3.0 | #56 Spectropho | 2 | |
| 0068.COMP | 10 | 07:34 | 05:05:30.6 | +52:49:52 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0069.Hiltner600 | 70 | 07:37 | 06:45:13.4 | +02:08:15 | 300 | 88 | 3.0 | #56 Spectropho | 2 | |
| 0070.COMP | 10 | 07:39 | 06:45:13.4 | +02:08:15 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0071.snAT2017jet | 1800 | 07:48 | 08:37:01.0 | +81:41:43 | 300 | 88 | 3.0 | #2 SN Observat | 2 | |
| 0072.COMP | 5 | 08:20 | 08:37:01.0 | +81:41:43 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0073.AT2018dt | 1800 | 08:25 | 08:53:22.2 | +48:59:44 | 300 | 88 | 3.0 | #225 | 2 | |
| 0074.AT2018dt | 1800 | 08:56 | 08:53:22.2 | +48:59:44 | 300 | 88 | 3.0 | #225 | 2 | |
| 0075.AT2018dt | 1800 | 09:26 | 08:53:22.2 | +48:59:44 | 300 | 88 | 3.0 | #225 | 2 | |
| 0076.COMP | 10 | 09:56 | 08:53:22.2 | +48:59:44 | 300 | 87 | 3.0 | 0 Calibration | 2 | |
| 0077.AT2018dx | 1800 | 09:58 | 09:16:12.3 | +39:03:42 | 300 | 100 | 3.0 | #225 | 2 | |

UT Date 2018-01-12 Observers M CalkinsColl. Focus 1310 Grating/Grism 300

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0078.COMP | 10 | 10:29 | 09:16:12.3 | +39:03:42 | 300 | 98 | 3.0 | 0 Calibration | 2 | |
| 0079.AT2018J | 1800 | 10:35 | 11:00:57.1 | -25:47:13 | 300 | 90 | 3.0 | #225 | 2 | |
| 0080.AT2018J | 1800 | 11:05 | 11:00:57.1 | -25:47:13 | 300 | 90 | 3.0 | #225 | 2 | |
| 0081.COMP | 10 | 11:36 | 11:00:57.1 | -25:47:13 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0082.N3379 | 180 | 11:38 | 10:47:49.6 | +12:34:54 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0083.COMP | 10 | 11:42 | 10:47:49.6 | +12:34:54 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0084-0103.FLAT | 7 | 11:48 | 10:47:49.6 | +12:34:54 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0104.PS17bgn | 2400 | 11:54 | 11:31:53.0 | +29:59:45 | 300 | 90 | 3.0 | #225 | 2 | |
| 0105.PS17bgn | 2400 | 12:35 | 11:31:53.0 | +29:59:45 | 300 | 90 | 3.0 | #225 | 2 | |
| 0106.COMP | 10 | 13:15 | 11:31:53.0 | +29:59:45 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0107.BDp262606 | 40 | 13:17 | 14:49:02.4 | +25:42:09 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0108.COMP | 10 | 13:18 | 14:49:02.4 | +25:42:09 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0109-0128.FLAT | 7 | 13:25 | 14:49:02.4 | +25:42:09 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0129-0138.BIAS | 0 | 13:28 | 14:49:02.4 | +25:42:09 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0139-0143.DARK | 900 | 14:38 | 14:49:02.4 | +25:42:09 | 300 | 90 | 3.0 | 0 Calibration | 4 | |
| 0144-0147.DARK | 900 | 15:39 | 14:49:02.4 | +25:42:09 | 300 | 90 | 3.0 | 0 Calibration | 2 | |

UT Date 2018-01-13 Observers P BerlindColl. Focus 1310 Grating/Grism 600

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|---------------|-----|----------|
| 0001-0010.BIAS | 0 | 01:41 | 00:44:29.8 | +41:21:25 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0011-0025.FLAT | 7 | 01:47 | 00:44:29.8 | +41:21:25 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0026.ZAnd | 5 | 01:57 | 23:33:40.0 | +48:49:06 | 300 | 89 | 3.0 | #12 Symbiotic | 2 | |
| 0027.ZAnd | 15 | 01:58 | 23:33:40.0 | +48:49:06 | 300 | 89 | 3.0 | #12 Symbiotic | 2 | |
| 0028.ZAnd | 75 | 01:59 | 23:33:40.0 | +48:49:06 | 300 | 89 | 3.0 | #12 Symbiotic | 2 | |
| 0029.ZAnd | 90 | 02:01 | 23:33:40.0 | +48:49:06 | 300 | 89 | 3.0 | #12 Symbiotic | 2 | |
| 0030.COMP | 10 | 02:03 | 23:33:40.0 | +48:49:06 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0031.EGAnd | 5 | 02:07 | 00:44:37.0 | +40:40:47 | 300 | 89 | 3.0 | #12 Symbiotic | 2 | |
| 0032.EGAnd | 10 | 02:07 | 00:44:37.0 | +40:40:47 | 300 | 89 | 3.0 | #12 Symbiotic | 2 | |
| 0033.EGAnd | 30 | 02:08 | 00:44:37.0 | +40:40:47 | 300 | 89 | 3.0 | #12 Symbiotic | 2 | |
| 0034.EGAnd | 5 | 02:09 | 00:44:37.0 | +40:40:47 | 300 | 89 | 3.0 | #12 Symbiotic | 2 | |
| 0035.COMP | 10 | 02:11 | 00:44:37.0 | +40:40:47 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0036.AXPer | 5 | 02:12 | 01:36:23.0 | +54:15:03 | 300 | 89 | 3.0 | #12 Symbiotic | 2 | |
| 0037.AXPer | 30 | 02:13 | 01:36:23.0 | +54:15:03 | 300 | 89 | 3.0 | #12 Symbiotic | 2 | |
| 0038.AXPer | 120 | 02:14 | 01:36:23.0 | +54:15:03 | 300 | 89 | 3.0 | #12 Symbiotic | 2 | |
| 0039.AXPer | 150 | 02:17 | 01:36:23.0 | +54:15:03 | 300 | 89 | 3.0 | #12 Symbiotic | 2 | |
| 0040.COMP | 10 | 02:20 | 01:36:23.0 | +54:15:03 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0041.PS16dtm | 1800 | 02:23 | 01:58:04.7 | -00:52:22 | 300 | 90 | 3.0 | #225 | 2 | |
| 0042.PS16dtm | 1800 | 02:53 | 01:58:04.7 | -00:52:22 | 300 | 90 | 3.0 | #225 | 2 | |
| 0043.PS16dtm | 1800 | 03:23 | 01:58:04.7 | -00:52:22 | 300 | 90 | 3.0 | #225 | 2 | |

UT Date 2018-01-13 Observers P BerlindColl. Focus 1310 Grating/Grism 600

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|--------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0044.COMP | 10 | 03:54 | 01:58:04.7 | -00:52:22 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0045.sn2018K | 1800 | 03:58 | 01:50:50.5 | +48:21:14 | 300 | 70 | 3.0 | #2 SN Observat | 2 | |
| 0046.sn2018K | 1800 | 04:30 | 01:50:50.5 | +48:21:14 | 300 | 70 | 3.0 | #2 SN Observat | 2 | |
| 0047.COMP | 10 | 05:02 | 01:50:50.5 | +48:21:14 | 300 | 70 | 3.0 | 0 Calibration | 2 | |
| 0048.sn2017jeh | 1800 | 05:07 | 07:30:04.1 | +54:26:09 | 300 | 70 | 3.0 | #2 SN Observat | 2 | |
| 0049.sn2017jeh | 1800 | 05:37 | 07:30:04.1 | +54:26:09 | 300 | 70 | 3.0 | #2 SN Observat | 2 | |
| 0050.COMP | 10 | 06:11 | 07:30:04.1 | +54:26:09 | 300 | 70 | 3.0 | 0 Calibration | 2 | |
| 0051.SN2018dx | 1800 | 07:15 | 09:16:12.3 | +39:03:42 | 300 | 89 | 3.0 | #2 SN Observat | 2 | |
| 0052.SN2018dx | 1800 | 07:45 | 09:16:12.3 | +39:03:42 | 300 | 89 | 3.0 | #2 SN Observat | 2 | |
| 0053.COMP | 10 | 08:24 | 09:16:12.3 | +39:03:42 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0054.BRUTUS8111_10 | 300 | 08:28 | 10:54:38.0 | +54:18:19 | 300 | 89 | 3.0 | #220 ASASSN Tr | 2 | |
| 0055.BRUTUS8111_10 | 300 | 08:33 | 10:54:38.0 | +54:18:19 | 300 | 89 | 3.0 | #220 ASASSN Tr | 2 | |
| 0056.COMP | 10 | 08:39 | 10:54:38.0 | +54:18:19 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0057.BRUTUS8131_6 | 300 | 08:44 | 11:22:40.6 | +12:01:31 | 300 | 90 | 3.0 | #220 ASASSN Tr | 2 | |
| 0058.BRUTUS8131_6 | 300 | 08:49 | 11:22:40.6 | +12:01:31 | 300 | 90 | 3.0 | #220 ASASSN Tr | 2 | |
| 0059.BRUTUS8131_6 | 300 | 08:55 | 11:22:40.6 | +12:01:31 | 300 | 90 | 3.0 | #220 ASASSN Tr | 2 | |
| 0060.COMP | 10 | 09:01 | 11:22:40.6 | +12:01:31 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0061.HD84937 | 30 | 09:05 | 09:48:56.1 | +13:44:39 | 300 | 89 | 3.0 | #56 Spectropho | 2 | |
| 0062.COMP | 10 | 09:06 | 09:48:56.1 | +13:44:39 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0063.Feige34 | 180 | 09:09 | 10:39:36.7 | +43:06:09 | 300 | 89 | 3.0 | #56 Spectropho | 2 | |

UT Date 2018-01-13 Observers P BerlindColl. Focus 1310 Grating/Grism 600

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|--------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0064.COMP | 10 | 09:13 | 10:39:36.7 | +43:06:09 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0065.BRUTUS8129_12 | 300 | 09:17 | 12:28:40.6 | +09:15:35 | 300 | 88 | 3.0 | #220 ASASSN Tr | 2 | |
| 0066.BRUTUS8129_12 | 300 | 09:22 | 12:28:40.6 | +09:15:35 | 300 | 88 | 3.0 | #220 ASASSN Tr | 2 | |
| 0067.COMP | 10 | 09:27 | 12:28:40.6 | +09:15:35 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0068-0070.BIAS | 0 | 09:39 | 10:39:36.7 | +43:06:09 | 600 | 88 | 1.5 | 0 Calibration | 4 | |
| 0071.Feige34 | 180 | 09:47 | 10:39:36.7 | +43:06:09 | 600 | 88 | 1.5 | #56 Spectropho | 4 | |
| 0072.COMP | 10 | 09:51 | 10:39:36.7 | +43:06:09 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0073.bb924 | 900 | 09:55 | 12:15:01.9 | -01:28:15 | 600 | 89 | 1.5 | #178 Low Mass | 4 | |
| 0074.COMP | 10 | 10:10 | 12:15:01.9 | -01:28:15 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0075.bb922 | 1200 | 10:12 | 12:12:33.3 | -11:13:22 | 600 | 89 | 1.5 | #178 Low Mass | 4 | |
| 0076.COMP | 10 | 10:32 | 12:12:33.3 | -11:13:22 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0077.bb907 | 1200 | 10:36 | 11:56:16.8 | -12:45:45 | 600 | 89 | 1.5 | #178 Low Mass | 4 | |
| 0078.COMP | 10 | 10:56 | 11:56:16.8 | -12:45:45 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0079.bb920 | 1800 | 10:59 | 12:11:41.2 | -18:20:57 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0080.COMP | 10 | 11:30 | 12:11:41.2 | -18:20:57 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0081.bb945 | 1800 | 11:37 | 12:49:53.9 | -13:05:58 | 600 | 89 | 1.5 | #178 Low Mass | 4 | |
| 0082.COMP | 10 | 12:07 | 12:49:53.9 | -13:05:58 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0083.bb949 | 1800 | 12:14 | 12:53:29.9 | -17:39:12 | 600 | 89 | 1.5 | #178 Low Mass | 4 | |
| 0084.COMP | 10 | 12:44 | 12:53:29.9 | -17:39:12 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0085.bb948 | 1800 | 12:48 | 12:53:07.7 | -10:29:06 | 600 | 89 | 1.5 | #178 Low Mass | 4 | |

UT Date 2018-01-13 Observers P BerlindColl. Focus 1310 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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0086.COMP | 10 | 13:18 | 12:53:07.7 | -10:29:06 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0087.bb947 | 480 | 13:20 | 12:52:17.7 | -22:43:32 | 600 | 89 | 1.5 | #178 Low Mass | 4 | |
| 0088.COMP | 10 | 13:29 | 12:52:17.7 | -22:43:32 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0089-0103.FLAT | 14 | 13:36 | 12:52:17.7 | -22:43:32 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0104-0113.BIAS | 0 | 13:38 | 12:52:17.7 | -22:43:32 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0114-0118.DARK | 900 | 14:47 | 12:52:17.7 | -22:43:32 | 600 | 89 | 1.5 | 0 Calibration | 2 | |
| 0119-0123.DARK | 900 | 16:03 | 12:52:17.7 | -22:43:32 | 600 | 89 | 1.5 | 0 Calibration | 4 | |

UT Date 2018-01-14 Observers P BerlindColl. Focus 1310 Grating/Grism 300

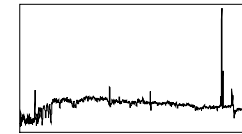
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|---------------|-----|----------|
| 0001-0005.DARK | 900 | 22:28 | 12:52:17.7 | -22:43:32 | 600 | 89 | 1.5 | 0 Calibration | 2 | |
| 0006-0010.DARK | 900 | 23:44 | 12:52:17.7 | -22:43:32 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0011-0020.BIAS | 0 | 01:09 | 12:52:17.7 | -22:43:32 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0021-0035.FLAT | 14 | 01:14 | 12:52:17.7 | -22:43:32 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0036.j2250p32 | 660 | 01:30 | 22:50:24.3 | +32:31:44 | 600 | 89 | 1.5 | #178 Low Mass | 4 | |
| 0037.COMP | 10 | 01:42 | 22:50:24.3 | +32:31:44 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0038.j2323m01 | 600 | 01:43 | 23:23:52.7 | -01:55:06 | 600 | 89 | 1.5 | #178 Low Mass | 4 | |
| 0039.COMP | 10 | 01:54 | 23:23:52.7 | -01:55:06 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0040.j2228p17 | 1200 | 01:56 | 22:28:27.8 | +17:54:05 | 600 | 89 | 1.5 | #178 Low Mass | 4 | |
| 0041.COMP | 10 | 02:17 | 22:28:27.8 | +17:54:05 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0042.j2226p66 | 1200 | 02:19 | 22:26:55.5 | +66:56:26 | 600 | 89 | 1.5 | #178 Low Mass | 4 | |
| 0043.COMP | 10 | 02:39 | 22:26:55.5 | +66:56:26 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0044.j2314p55 | 1020 | 02:42 | 23:14:04.3 | +55:28:14 | 600 | 89 | 1.5 | #178 Low Mass | 4 | |
| 0045.COMP | 10 | 03:00 | 23:14:04.3 | +55:28:14 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0046.j2347p30 | 1200 | 03:01 | 23:47:43.1 | +30:44:01 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0047.COMP | 10 | 03:22 | 23:47:43.1 | +30:44:01 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0048.j2351p28 | 960 | 03:23 | 23:51:56.7 | +28:55:12 | 600 | 89 | 1.5 | #178 Low Mass | 4 | |
| 0049.COMP | 10 | 03:40 | 23:51:56.7 | +28:55:12 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0050.j0007p19 | 1200 | 03:41 | 00:07:47.6 | +19:51:25 | 600 | 89 | 1.5 | #178 Low Mass | 4 | |
| 0051.COMP | 10 | 04:11 | 00:07:47.6 | +19:51:25 | 600 | 89 | 1.5 | 0 Calibration | 4 | |

UT Date 2018-01-14 Observers P BerlindColl. Focus 1310 Grating/Grism 300

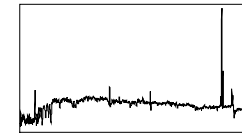
| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|---------------------------|
| 0052.j0007p35 | 1300 | 04:12 | 00:07:50.1 | +35:22:58 | 600 | 89 | 1.5 | #178 Low Mass | 4 | no blue light collimation |
| 0053.COMP | 10 | 04:34 | 00:07:50.1 | +35:22:58 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0054.j0129p32 | 900 | 04:36 | 01:29:54.9 | +32:27:39 | 600 | 89 | 1.5 | #178 Low Mass | 4 | |
| 0055.COMP | 10 | 04:52 | 01:29:54.9 | +32:27:39 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0056.j0134p32 | 1500 | 04:57 | 01:34:34.5 | +32:13:14 | 600 | 89 | 1.5 | #178 Low Mass | 4 | |
| 0057.COMP | 10 | 05:23 | 01:34:34.5 | +32:13:14 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0058.j0155p15 | 1600 | 05:24 | 01:55:56.5 | +15:59:13 | 600 | 89 | 1.5 | #178 Low Mass | 4 | |
| 0059.COMP | 10 | 05:52 | 01:55:56.5 | +15:59:13 | 600 | 88 | 1.5 | 0 Calibration | 4 | |
| 0060.G191B2B | 300 | 05:53 | 05:05:30.6 | +52:49:52 | 600 | 88 | 1.5 | #56 Spectropho | 4 | |
| 0061.COMP | 10 | 05:59 | 05:05:30.6 | +52:49:52 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0062.test | 10 | 06:13 | 07:00:00.0 | +32:00:00 | 300 | 89 | 3.0 | #56 Spectropho | 2 | |
| 0063.test | 10 | 06:15 | 07:00:00.0 | +32:00:00 | 300 | 89 | 3.0 | #56 Spectropho | 2 | |
| 0064.sn2017jeh | 1800 | 06:37 | 07:30:04.1 | +54:26:09 | 300 | 89 | 3.0 | #2 SN Observat | 2 | |
| 0065.COMP | 10 | 07:08 | 07:30:04.1 | +54:26:09 | 300 | 87 | 3.0 | 0 Calibration | 2 | |
| 0066.test | 10 | 07:11 | 07:45:00.0 | +33:00:00 | 300 | 87 | 3.0 | #2 SN Observat | 2 | |
| 0067.test | 10 | 07:12 | 07:45:00.0 | +33:00:00 | 300 | 87 | 3.0 | #2 SN Observat | 2 | |
| 0068.test | 10 | 07:13 | 07:45:00.0 | +33:00:00 | 300 | 87 | 3.0 | #2 SN Observat | 2 | |
| 0069.AT2018dx | 1800 | 07:17 | 09:16:12.3 | +39:03:42 | 300 | 87 | 3.0 | #225 | 2 | asassn18aj also |
| 0070.AT2018dx | 1800 | 07:48 | 09:16:12.3 | +39:03:42 | 300 | 87 | 3.0 | #225 | 2 | sn18dx for program 2 |
| 0071.COMP | 10 | 08:19 | 09:16:12.3 | +39:03:42 | 300 | 88 | 3.0 | 0 Calibration | 2 | |

UT Date 2018-01-14 Observers P BerlindColl. Focus 1310 Grating/Grism 300

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0072.snAT2017jet | 1800 | 08:31 | 08:37:01.0 | +81:41:43 | 300 | 88 | 3.0 | #2 SN Observat | 2 | |
| 0073.snAT2017jet | 1800 | 09:01 | 08:37:01.0 | +81:41:43 | 300 | 88 | 3.0 | #2 SN Observat | 2 | |
| 0074.COMP | 10 | 09:32 | 08:37:01.0 | +81:41:43 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0075.HD84937 | 30 | 09:34 | 09:48:56.1 | +13:44:39 | 300 | 88 | 3.0 | #56 Spectropho | 2 | |
| 0076.COMP | 10 | 09:35 | 09:48:56.1 | +13:44:39 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0077.BRUTUS8101_7 | 900 | 09:39 | 09:58:06.2 | +10:21:34 | 300 | 20 | 3.0 | #220 ASASSN Tr | 2 | |
| 0078.BRUTUS8101_7 | 900 | 09:54 | 09:58:06.2 | +10:21:34 | 300 | 20 | 3.0 | #220 ASASSN Tr | 2 | |
| 0079.BRUTUS8101_7 | 900 | 10:10 | 09:58:06.2 | +10:21:34 | 300 | 20 | 3.0 | #220 ASASSN Tr | 2 | |
| 0080.COMP | 10 | 10:25 | 09:58:06.2 | +10:21:34 | 300 | 20 | 3.0 | 0 Calibration | 2 | |
| 0081.Feige34 | 180 | 10:27 | 10:39:36.7 | +43:06:09 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0082.COMP | 10 | 10:31 | 10:39:36.7 | +43:06:09 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0083.sn2017isj | 1800 | 10:35 | 11:10:44.6 | +04:50:51 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0084.COMP | 10 | 11:07 | 11:10:44.6 | +04:50:51 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0085.BRUTUS8131_6 | 600 | 11:09 | 11:22:40.6 | +12:01:31 | 300 | 89 | 3.0 | #220 ASASSN Tr | 2 | |
| 0086.BRUTUS8131_6 | 600 | 11:19 | 11:22:40.6 | +12:01:31 | 300 | 89 | 3.0 | #220 ASASSN Tr | 2 | |
| 0087.COMP | 10 | 11:31 | 11:22:40.6 | +12:01:31 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0088.sn2018bq | 1800 | 11:33 | 11:05:59.8 | -12:31:37 | 300 | 89 | 3.0 | #2 SN Observat | 2 | |
| 0089.COMP | 10 | 12:04 | 11:05:59.8 | -12:31:37 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0090.BRUTUS8132_2 | 600 | 12:48 | 16:35:53.9 | +40:01:58 | 300 | 89 | 3.0 | #220 ASASSN Tr | 2 | |
| 0091.BRUTUS8132_2 | 600 | 12:58 | 16:35:53.9 | +40:01:58 | 300 | 89 | 3.0 | #220 ASASSN Tr | 2 | |

UT Date 2018-01-14 Observers P BerlindColl. Focus 1310 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> |
|-------------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0092.BRUTUS8132_2 | 600 | 13:08 | 16:35:53.9 | +40:01:58 | 300 | 89 | 3.0 | #220 ASASSN Tr | 2 | |
| 0093.COMP | 10 | 13:19 | 16:35:53.9 | +40:01:58 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0094-0103.BIAS | 0 | 13:23 | 16:35:53.9 | +40:01:58 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0104-0118.FLAT | 7 | 13:29 | 16:35:53.9 | +40:01:58 | 300 | 89 | 3.0 | 0 Calibration | 2 | |

UT Date 2018-01-15 Observers M CalkinsColl. Focus 1310 Grating/Grism 600

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0001-0010.BIAS | 0 | 01:38 | 01:50:57.0 | +31:30:34 | 300 | 91 | 3.0 | 0 Calibration | 4 | |
| 0011-0030.FLAT | 7 | 01:44 | 01:50:57.0 | +31:30:34 | 300 | 91 | 3.0 | 0 Calibration | 2 | |
| 0031-0040.BIAS | 0 | 01:45 | 01:50:57.0 | +31:30:34 | 300 | 91 | 3.0 | 0 Calibration | 2 | |
| 0041.BRUTUS8133.2 | 1800 | 01:49 | 01:46:42.3 | +32:30:28 | 300 | 91 | 3.0 | #220 ASASSN Tr | 2 | |
| 0042.COMP | 10 | 02:20 | 01:46:42.3 | +32:30:28 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0043.HD19445 | 30 | 02:57 | 03:08:25.6 | +26:19:51 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0044.COMP | 10 | 02:58 | 03:08:25.6 | +26:19:51 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0045.HD19445 | 15 | 02:59 | 03:08:25.6 | +26:19:51 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0046.COMP | 10 | 03:00 | 03:08:25.6 | +26:19:51 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0047.G191B2B | 420 | 03:02 | 05:05:30.6 | +52:49:52 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0048.COMP | 10 | 03:09 | 05:05:30.6 | +52:49:52 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0049.sn2017jdx | 2100 | 03:12 | 00:47:56.2 | +22:22:26 | 300 | 70 | 3.0 | #2 SN Observat | 2 | |
| 0050.COMP | 10 | 03:48 | 00:47:56.2 | +22:22:26 | 300 | 70 | 3.0 | 0 Calibration | 2 | |
| 0051.sn2018K | 2400 | 03:52 | 01:50:50.5 | +48:21:14 | 300 | 70 | 3.0 | #2 SN Observat | 2 | |
| 0052.COMP | 10 | 04:33 | 01:50:50.5 | +48:21:14 | 300 | 70 | 3.0 | 0 Calibration | 2 | |
| 0053.AT2018ay | 1800 | 04:36 | 03:45:24.8 | -05:35:24 | 300 | 90 | 3.0 | #225 | 2 | |
| 0054.AT2018ay | 1800 | 05:06 | 03:45:24.8 | -05:35:24 | 300 | 90 | 3.0 | #225 | 2 | |
| 0055.AT2018ay | 1800 | 05:36 | 03:45:24.8 | -05:35:24 | 300 | 90 | 3.0 | #225 | 2 | |
| 0056.COMP | 10 | 06:07 | 03:45:24.8 | -05:35:24 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0057.snAT2017jet | 2400 | 06:17 | 08:37:01.0 | +81:41:43 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |

UT Date 2018-01-15 Observers M CalkinsColl. Focus 1310 Grating/Grism 600

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0058.COMP | 10 | 06:57 | 08:37:01.0 | +81:41:43 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0059.AT2018dt | 1800 | 07:03 | 08:53:22.2 | +48:59:44 | 300 | 90 | 3.0 | #225 | 2 | |
| 0060.AT2018dt | 1800 | 07:33 | 08:53:22.2 | +48:59:44 | 300 | 90 | 3.0 | #225 | 2 | |
| 0061.AT2018dt | 1800 | 08:03 | 08:53:22.2 | +48:59:44 | 300 | 90 | 3.0 | #225 | 2 | |
| 0062.COMP | 10 | 08:33 | 08:53:22.2 | +48:59:44 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0063.AT2018dx | 1800 | 08:35 | 09:16:12.3 | +39:03:42 | 300 | 89 | 3.0 | #225 | 2 | |
| 0064.COMP | 10 | 09:06 | 09:16:12.3 | +39:03:42 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0065.sn2017jeh | 1800 | 09:08 | 07:30:04.1 | +54:26:09 | 300 | 88 | 3.0 | #2 SN Observat | 2 | |
| 0066.COMP | 10 | 09:38 | 07:30:04.1 | +54:26:09 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0067.sn2017isj | 2100 | 09:41 | 11:10:44.6 | +04:50:51 | 300 | 60 | 3.0 | #2 SN Observat | 2 | |
| 0068.COMP | 10 | 10:17 | 11:10:44.6 | +04:50:51 | 300 | 60 | 3.0 | 0 Calibration | 2 | |
| 0069.AT2018J | 1800 | 10:19 | 11:00:57.1 | -25:47:13 | 300 | 89 | 3.0 | #225 | 2 | |
| 0070.COMP | 10 | 10:49 | 11:00:57.1 | -25:47:13 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0071.HD84937 | 20 | 10:52 | 09:48:56.1 | +13:44:39 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0072.COMP | 10 | 10:53 | 09:48:56.1 | +13:44:39 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0073.Feige34 | 120 | 10:55 | 10:39:36.7 | +43:06:09 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0074.COMP | 10 | 10:57 | 10:39:36.7 | +43:06:09 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0075.N3377 | 180 | 10:59 | 10:47:42.4 | +13:59:08 | 300 | 90 | 3.0 | #57 Velocity S | 2 | |
| 0076.COMP | 10 | 11:02 | 10:47:42.4 | +13:59:08 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0077.bb868 | 154 | 11:08 | 10:43:03.5 | -23:33:56 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |

UT Date 2018-01-15 Observers M CalkinsColl. Focus 1310 Grating/Grism 600

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|------------|----------|----------|------------|-----------|-----|------|------|---------------|-----|----------|
| 0078.COMP | 10 | 11:11 | 10:43:03.5 | -23:33:56 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0079.bb873 | 58 | 11:12 | 10:53:34.2 | -22:21:57 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0080.COMP | 10 | 11:14 | 10:53:34.2 | -22:21:57 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0081.bb874 | 753 | 11:15 | 10:54:02.3 | -23:50:36 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0082.COMP | 10 | 11:28 | 10:54:02.3 | -23:50:36 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0083.bb875 | 1500 | 11:30 | 10:56:26.2 | -24:08:44 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0084.COMP | 10 | 11:55 | 10:56:26.2 | -24:08:44 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0085.bb877 | 56 | 11:56 | 11:05:52.7 | -18:14:50 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0086.COMP | 10 | 11:58 | 11:05:52.7 | -18:14:50 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0087.bb880 | 106 | 11:59 | 11:08:13.0 | -16:48:20 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0088.COMP | 10 | 12:01 | 11:08:13.0 | -16:48:20 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0089.bb888 | 709 | 12:02 | 11:20:29.0 | -28:11:37 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0090.COMP | 10 | 12:15 | 11:20:29.0 | -28:11:37 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0091.bb889 | 459 | 12:16 | 11:24:42.9 | -26:23:20 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0092.COMP | 10 | 12:24 | 11:24:42.9 | -26:23:20 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0093.bb891 | 524 | 12:26 | 11:26:17.1 | -11:46:39 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0094.COMP | 10 | 12:35 | 11:26:17.1 | -11:46:39 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0095.bb892 | 358 | 12:37 | 11:34:02.6 | -06:19:20 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0096.COMP | 10 | 12:43 | 11:34:02.6 | -06:19:20 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0097.bb893 | 1200 | 12:44 | 11:39:23.3 | -13:16:57 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |

UT Date 2018-01-15 Observers M CalkinsColl. Focus 1310 Grating/Grism 600

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0098.COMP | 10 | 13:05 | 11:39:23.3 | -13:16:57 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0099.bb936 | 68 | 13:06 | 12:33:32.4 | -23:02:25 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0100.COMP | 10 | 13:08 | 12:33:32.4 | -23:02:25 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0101.bb937 | 32 | 13:09 | 12:35:24.9 | -17:11:48 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0102.COMP | 10 | 13:10 | 12:35:24.9 | -17:11:48 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0103.bb939 | 205 | 13:11 | 12:38:00.5 | -18:47:26 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0104.COMP | 10 | 13:15 | 12:38:00.5 | -18:47:26 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0105.BDp332642 | 150 | 13:18 | 15:51:59.9 | +32:56:54 | 600 | 90 | 1.5 | #56 Spectropho | 4 | |
| 0106.COMP | 10 | 13:21 | 15:51:59.9 | +32:56:54 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0107-0116.BIAS | 0 | 13:24 | 15:51:59.9 | +32:56:54 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0117-0136.FLAT | 12 | 13:31 | 15:51:59.9 | +32:56:54 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0137-0146.BIAS | 0 | 13:35 | 15:51:59.9 | +32:56:54 | 600 | 89 | 1.5 | 0 Calibration | 2 | |
| 0147-0151.DARK | 900 | 14:38 | 15:51:59.9 | +32:56:54 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0152-0156.DARK | 900 | 15:54 | 15:51:59.9 | +32:56:54 | 600 | 89 | 1.5 | 0 Calibration | 2 | |

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| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|---------------------------------|
| 0001-0010.BIAS | 0 | 00:34 | 15:51:59.9 | +32:56:54 | 600 | 89 | 1.5 | 0 Calibration | 2 | |
| 0011-0030.FLAT | 7 | 00:46 | 15:51:59.9 | +32:56:54 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0031-0040.BIAS | 0 | 00:50 | 15:51:59.9 | +32:56:54 | 300 | 89 | 3.0 | 0 Calibration | 4 | |
| 0041.sn2017ixg | 2400 | 01:58 | 23:20:30.6 | +24:46:39 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0042.COMP | 10 | 02:39 | 23:20:30.6 | +24:46:39 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0043.RAqr | 1 | 02:41 | 23:43:49.0 | -15:17:05 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0044.RAqr | 5 | 02:42 | 23:43:49.0 | -15:17:05 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0045.RAqr | 10 | 02:42 | 23:43:49.0 | -15:17:05 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0046.COMP | 10 | 02:43 | 23:43:49.0 | -15:17:05 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0047.sn2018K | 2100 | 02:48 | 01:50:50.5 | +48:21:14 | 300 | 59 | 3.0 | #2 SN Observat | 2 | |
| 0048.COMP | 10 | 03:23 | 01:50:50.5 | +48:21:14 | 300 | 61 | 3.0 | 0 Calibration | 2 | |
| 0049.BRUTUS8134_4 | 1800 | 03:26 | 03:30:11.0 | -13:31:23 | 300 | 21 | 3.0 | #220 ASASSN Tr | 2 | |
| 0050.BRUTUS8134_4 | 1800 | 04:13 | 03:30:11.0 | -13:31:23 | 300 | 21 | 3.0 | #220 ASASSN Tr | 2 | |
| 0051.COMP | 10 | 04:44 | 03:30:11.0 | -13:31:23 | 300 | 21 | 3.0 | 0 Calibration | 2 | |
| 0052.PS16dtm | 1800 | 04:47 | 01:58:04.7 | -00:52:22 | 300 | 89 | 3.0 | #225 | 2 | |
| 0053.COMP | 10 | 05:17 | 01:58:04.7 | -00:52:22 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0054.AT2018ay | 1800 | 05:20 | 03:45:24.8 | -05:35:24 | 300 | 90 | 3.0 | #225 | 2 | |
| 0055.AT2018ay | 1800 | 05:53 | 03:45:24.8 | -05:35:24 | 300 | 89 | 3.0 | #225 | 2 | clouds mvd in on 3rd exp, abort |
| 0056.COMP | 10 | 06:44 | 03:45:24.8 | -05:35:24 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0057.GITau | 420 | 06:47 | 04:33:34.0 | +24:21:18 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |

UT Date 2018-01-16 Observers M CalkinsColl. Focus 1310 Grating/Grism 300

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0058.COMP | 10 | 06:54 | 04:33:34.0 | +24:21:18 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0059.GKTau | 420 | 06:55 | 04:33:34.5 | +24:21:07 | 300 | 89 | 3.0 | #12 Symbiotic | 2 | |
| 0060.COMP | 10 | 07:02 | 04:33:34.5 | +24:21:07 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0061.G191B2B | 480 | 07:04 | 05:05:30.6 | +52:49:52 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0062.COMP | 10 | 07:13 | 05:05:30.6 | +52:49:52 | 300 | 91 | 3.0 | 0 Calibration | 2 | |
| 0063.BGGem | 1200 | 07:16 | 06:03:31.0 | +27:41:50 | 300 | 91 | 3.0 | #12 Symbiotic | 2 | |
| 0064.COMP | 10 | 07:36 | 06:03:31.0 | +27:41:50 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0065.Hiltner600 | 150 | 07:38 | 06:45:13.4 | +02:08:15 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0066.COMP | 10 | 07:41 | 06:45:13.4 | +02:08:15 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0067.BXMon | 15 | 07:42 | 07:25:23.0 | -03:35:51 | 300 | 89 | 3.0 | #12 Symbiotic | 2 | |
| 0068.BXMon | 180 | 07:42 | 07:25:23.0 | -03:35:51 | 300 | 89 | 3.0 | #12 Symbiotic | 2 | |
| 0069.COMP | 10 | 07:46 | 07:25:23.0 | -03:35:51 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0070.SS129 | 480 | 07:48 | 07:32:45.0 | -26:49:16 | 300 | 71 | 3.0 | #12 Symbiotic | 2 | |
| 0071.SS129 | 480 | 07:56 | 07:32:45.0 | -26:49:16 | 300 | 71 | 3.0 | #12 Symbiotic | 2 | |
| 0072.COMP | 10 | 08:04 | 07:32:45.0 | -26:49:16 | 300 | 70 | 3.0 | 0 Calibration | 2 | |
| 0073.AT2018dx | 1800 | 08:08 | 09:16:12.3 | +39:03:42 | 300 | 90 | 3.0 | #225 | 2 | |
| 0074.COMP | 10 | 09:01 | 09:16:12.3 | +39:03:42 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0075-0084.BIAS | 0 | 12:39 | 10:21:19.1 | +20:54:37 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0085-0104.FLAT | 7 | 12:55 | 10:21:19.1 | +20:54:37 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0105-0114.DARK | 900 | 15:23 | 10:21:19.1 | +20:54:37 | 300 | 90 | 3.0 | 0 Calibration | 2 | |