

UT Date 2014-03-06 Observers M CalkinsColl. Focus 1330 Grating/Grism 300

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|--------------------|----------|----------|------------|-----------|------|------|------|----------------|-----|--------------------------|
| 0001-0010.DARK | 900 | 01:02 | 14:49:02.4 | +25:42:09 | 300 | 87 | 3.0 | 0 Calibration | 4 | |
| 0011-0020.BIAS | 0 | 01:40 | 14:49:02.4 | +25:42:09 | 300 | 87 | 3.0 | 0 Calibration | 4 | |
| 0021-0040.FLAT | 7 | 01:51 | 14:49:02.4 | +25:42:09 | 300 | 87 | 3.0 | 0 Calibration | 2 | |
| 0041-0050.BIAS | 0 | 01:56 | 14:49:02.4 | +25:42:09 | 300 | 87 | 3.0 | 0 Calibration | 2 | |
| 0051.G191B2B | 300 | 02:29 | 05:05:30.6 | +52:49:52 | 300 | 87 | 3.0 | #56 Spectropho | 2 | |
| 0052.COMP | 10 | 02:35 | 05:05:30.6 | +52:49:52 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0053.Hiltner600 | 120 | 02:37 | 06:45:13.4 | +02:08:15 | 300 | 89 | 3.0 | #56 Spectropho | 2 | |
| 0054.COMP | 10 | 02:40 | 06:45:13.4 | +02:08:15 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0055.sn2014H | 2400 | 02:44 | 03:37:01.5 | +32:05:02 | 300 | 89 | 3.0 | #2 SN Observat | 2 | |
| 0056.COMP | 10 | 03:25 | 03:37:01.5 | +32:05:02 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0057.BGGem | 300 | 03:27 | 06:03:31.0 | +27:41:50 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0058.COMP | 10 | 03:36 | 06:03:31.0 | +27:41:50 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0059.BXMon | 15 | 03:38 | 07:25:23.0 | -03:35:51 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0060.BXMon | 180 | 03:38 | 07:25:23.0 | -03:35:51 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0061.COMP | 10 | 03:42 | 07:25:23.0 | -03:35:51 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0062.V0332p53 | 1800 | 03:49 | 03:34:59.8 | +53:10:24 | 1200 | 89 | 2.0 | #176 Be/X-ray | 2 | blocking filter in place |
| 0063.COMP | 10 | 04:20 | 03:34:59.8 | +53:10:24 | 1200 | 90 | 2.0 | 0 Calibration | 2 | |
| 0064.XPer | 4 | 04:21 | 03:55:23.0 | +31:02:45 | 1200 | 90 | 2.0 | #176 Be/X-ray | 2 | |
| 0065.COMP | 10 | 04:22 | 03:55:23.0 | +31:02:45 | 1200 | 90 | 2.0 | 0 Calibration | 2 | |
| 0066.RXJ04409p4431 | 300 | 04:24 | 04:41:00.6 | +44:31:50 | 1200 | 90 | 2.0 | #176 Be/X-ray | 2 | |

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|---------------------|----------|----------|------------|-----------|------|------|------|----------------|-----|----------|
| 0067.COMP | 10 | 04:30 | 04:41:00.6 | +44:31:50 | 1200 | 90 | 2.0 | 0 Calibration | 2 | |
| 0068.A0535p262 | 60 | 04:31 | 05:38:54.5 | +26:18:57 | 1200 | 90 | 2.0 | #176 Be/X-ray | 2 | |
| 0069.COMP | 10 | 04:33 | 05:38:54.5 | +26:18:57 | 1200 | 90 | 2.0 | 0 Calibration | 2 | |
| 0070.IGRJ06074p2205 | 600 | 04:34 | 06:07:26.6 | +22:05:48 | 1200 | 90 | 2.0 | #176 Be/X-ray | 2 | |
| 0071.COMP | 10 | 04:45 | 06:07:26.6 | +22:05:48 | 1200 | 89 | 2.0 | 0 Calibration | 2 | |
| 0072.MXBO656-072 | 900 | 04:47 | 06:58:17.2 | -07:12:35 | 1200 | 89 | 2.0 | #176 Be/X-ray | 2 | |
| 0073.COMP | 10 | 05:03 | 06:58:17.2 | -07:12:35 | 1200 | 90 | 2.0 | 0 Calibration | 2 | |
| 0074.HD84937 | 50 | 05:05 | 09:48:56.1 | +13:44:39 | 1200 | 90 | 2.0 | #56 Spectropho | 2 | |
| 0075.COMP | 10 | 05:06 | 09:48:56.1 | +13:44:39 | 1200 | 90 | 2.0 | 0 Calibration | 2 | |
| 0076-0085.FLAT | 15 | 05:12 | 09:48:56.1 | +13:44:39 | 1200 | 90 | 2.0 | 0 Calibration | 2 | |
| 0086.SS129 | 300 | 05:27 | 07:32:45.0 | -26:49:16 | 300 | 70 | 3.0 | #12 Symbiotic | 2 | |
| 0087.SS129 | 300 | 05:32 | 07:32:45.0 | -26:49:16 | 300 | 70 | 3.0 | #12 Symbiotic | 2 | |
| 0088.COMP | 10 | 05:38 | 07:32:45.0 | -26:49:16 | 300 | 70 | 3.0 | 0 Calibration | 2 | |
| 0089.sn2014J | 300 | 05:43 | 09:55:42.1 | +69:40:26 | 300 | 89 | 3.0 | #2 SN Observat | 2 | |
| 0090.COMP | 10 | 05:49 | 09:55:42.1 | +69:40:26 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0091.sn2013gs | 2400 | 05:51 | 09:31:08.9 | +46:23:05 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0092.COMP | 10 | 06:32 | 09:31:08.9 | +46:23:05 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0093.sn2013ge | 1800 | 06:34 | 10:34:48.5 | +21:39:42 | 300 | 89 | 3.0 | #2 SN Observat | 2 | |
| 0094.COMP | 10 | 07:05 | 10:34:48.5 | +21:39:42 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0095.Mj1119 | 2400 | 07:11 | 11:19:20.9 | +21:39:42 | 300 | 89 | 3.0 | #2 SN Observat | 2 | |

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|---------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0096.COMP | 10 | 07:53 | 11:19:20.9 | +21:39:42 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0097.HD84937 | 30 | 07:56 | 09:48:56.1 | +13:44:39 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0098.COMP | 10 | 07:57 | 09:48:56.1 | +13:44:39 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0099.Feige34 | 120 | 07:59 | 10:39:36.7 | +43:06:09 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0100.COMP | 10 | 08:01 | 10:39:36.7 | +43:06:09 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0101.N3377 | 180 | 08:04 | 10:47:42.4 | +13:59:08 | 300 | 89 | 3.0 | #57 Velocity S | 2 | |
| 0102.COMP | 10 | 08:07 | 10:47:42.4 | +13:59:08 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0103.sn2014L | 1800 | 08:09 | 12:18:48.7 | +14:24:44 | 300 | 90 | 3.0 | #2 SN Observat | 2 | |
| 0104.COMP | 10 | 08:39 | 12:18:48.7 | +14:24:44 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0105.SN-14ad | 2400 | 08:43 | 12:40:11.1 | +18:03:33 | 300 | 89 | 3.0 | #2 SN Observat | 2 | |
| 0106.COMP | 10 | 09:23 | 12:40:11.1 | +18:03:33 | 300 | 90 | 3.0 | 0 Calibration | 2 | |
| 0107.TXCVn | 10 | 09:25 | 12:44:42.0 | +36:45:48 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0108.TXCVn | 30 | 09:26 | 12:44:42.0 | +36:45:48 | 300 | 89 | 3.0 | #12 Symbiotic | 2 | |
| 0109.COMP | 10 | 09:27 | 12:44:42.0 | +36:45:48 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0110.A00589.1 | 2400 | 09:30 | 14:33:46.6 | +63:15:31 | 300 | 89 | 3.0 | #216 Local Com | 2 | |
| 0111.COMP | 10 | 10:10 | 14:33:46.6 | +63:15:31 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0112.A00257.1 | 2100 | 10:13 | 14:34:45.3 | +46:16:57 | 300 | 89 | 3.0 | #216 Local Com | 2 | |
| 0113.COMP | 10 | 10:48 | 14:34:45.3 | +46:16:57 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0114.A00398.1 | 2700 | 10:50 | 15:15:59.5 | +26:46:26 | 300 | 89 | 3.0 | #216 Local Com | 2 | |
| 0115.COMP | 10 | 11:36 | 15:15:59.5 | +26:46:26 | 300 | 89 | 3.0 | 0 Calibration | 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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|------------------|
| 0116.BDp262606 | 60 | 11:39 | 14:49:02.4 | +25:42:09 | 300 | 89 | 3.0 | #56 Spectropho | 2 | clouds moving in |
| 0117.COMP | 10 | 11:41 | 14:49:02.4 | +25:42:09 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0118-0127.BIAS | 0 | 12:27 | 14:49:02.4 | +25:42:09 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0128-0147.FLAT | 7 | 12:35 | 14:49:02.4 | +25:42:09 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0148-0157.DARK | 900 | 15:09 | 14:49:02.4 | +25:42:09 | 300 | 89 | 3.0 | 0 Calibration | 2 | |