

UT Date 2012-07-19 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|------------------|
| 0001-0010.DARK | 900 | 21:58 | 02:48:25.1 | +47:58:00 | 300 | 89 | 3.0 | #141 2Mass Red | 4 | |
| 0011-0020.BIAS | 0 | 01:12 | 02:48:25.1 | +47:58:00 | 300 | 89 | 3.0 | #141 2Mass Red | 4 | |
| 0021-0040.FLAT | 10 | 01:21 | 02:48:25.1 | +47:58:00 | 300 | 89 | 3.0 | #141 2Mass Red | 2 | |
| 0041-0050.BIAS | 0 | 01:25 | 02:48:25.1 | +47:58:00 | 300 | 89 | 3.0 | #141 2Mass Red | 2 | |
| 0051.BDp332642 | 150 | 03:36 | 15:51:59.9 | +32:56:54 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0052.COMP | 10 | 03:39 | 15:51:59.9 | +32:56:54 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0053.BDp262606 | 80 | 03:41 | 14:49:02.4 | +25:42:09 | 300 | 90 | 3.0 | #56 Spectropho | 2 | clouds coming in |
| 0054.COMP | 10 | 03:43 | 14:49:02.4 | +25:42:09 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0055.AS270 | 90 | 06:53 | 18:05:33.7 | -20:20:38 | 300 | 89 | 3.0 | #12 Symbiotic | 2 | |
| 0056.AS270 | 480 | 06:55 | 18:05:33.7 | -20:20:38 | 300 | 89 | 3.0 | #12 Symbiotic | 2 | |
| 0057.COMP | 10 | 07:03 | 18:05:33.7 | -20:20:38 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0058.DracoC1 | 1500 | 07:07 | 17:19:58.0 | +57:50:06 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0059.COMP | 10 | 07:33 | 17:19:58.0 | +57:50:06 | 300 | 89 | 3.0 | #12 Symbiotic | 2 | |
| 0060.Hen1674 | 120 | 07:56 | 18:20:19.1 | -26:22:46 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0061.Hen1674 | 600 | 08:00 | 18:20:19.1 | -26:22:46 | 300 | 90 | 3.0 | #12 Symbiotic | 2 | |
| 0062.COMP | 10 | 08:11 | 18:20:19.1 | -26:22:46 | 300 | 89 | 3.0 | #12 Symbiotic | 2 | |
| 0063.AS316 | 30 | 08:13 | 18:42:33.0 | -21:17:47 | 300 | 89 | 3.0 | #12 Symbiotic | 2 | |
| 0064.AS316 | 300 | 08:14 | 18:42:33.0 | -21:17:47 | 300 | 89 | 3.0 | #12 Symbiotic | 2 | |
| 0065.COMP | 10 | 08:19 | 18:42:33.0 | -21:17:47 | 300 | 89 | 3.0 | #12 Symbiotic | 2 | |
| 0066.sn2012dn | 1800 | 08:25 | 20:23:36.3 | -28:16:43 | 300 | 89 | 3.0 | #2 SN Observat | 2 | |

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|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0067.COMP | 10 | 08:56 | 20:23:36.3 | -28:16:43 | 300 | 89 | 3.0 | #2 SN Observat | 2 | |
| 0068-0087.FLAT | 10 | 11:23 | 20:23:36.3 | -28:16:43 | 300 | 89 | 3.0 | #2 SN Observat | 2 | |
| 0088-0097.BIAS | 0 | 11:25 | 20:23:36.3 | -28:16:43 | 300 | 89 | 3.0 | #2 SN Observat | 2 | |
| 0098-0107.DARK | 900 | 13:49 | 20:23:36.3 | -28:16:43 | 300 | 89 | 3.0 | #2 SN Observat | 2 | |