

UT Date 2013-07-12 Observers P BerlindColl. Focus 1350 Grating/Grism 300

| File           | Exp Time | UT Start | RA         | Dec       | Gr. | P.A. | Slit | Program        | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0001-0010.BIAS | 0        | 02:08    | 12:58:35.2 | +27:35:47 | 300 | 90   | 3.0  | 0 Calibration  | 2   |          |
| 0011-0025.FLAT | 7        | 02:14    | 12:58:35.2 | +27:35:47 | 300 | 90   | 3.0  | 0 Calibration  | 2   |          |
| 0026-0028.DARK | 1200     | 03:26    | 12:58:35.2 | +27:35:47 | 300 | 90   | 3.0  | 0 Calibration  | 2   |          |
| 0029.AGDra     | 10       | 04:01    | 16:01:41.0 | +66:48:10 | 300 | 90   | 3.0  | #12 Symbiotic  | 2   |          |
| 0030.AGDra     | 30       | 04:02    | 16:01:41.0 | +66:48:10 | 300 | 90   | 3.0  | #12 Symbiotic  | 2   |          |
| 0031.AGDra     | 90       | 04:03    | 16:01:41.0 | +66:48:10 | 300 | 90   | 3.0  | #12 Symbiotic  | 2   |          |
| 0032.COMP      | 10       | 04:05    | 16:01:41.0 | +66:48:10 | 300 | 90   | 3.0  | 0 Calibration  | 2   |          |
| 0033.TCrB      | 30       | 04:09    | 15:59:30.0 | +25:55:12 | 300 | 90   | 3.0  | #12 Symbiotic  | 2   |          |
| 0034.TCrB      | 90       | 04:10    | 15:59:30.0 | +25:55:12 | 300 | 90   | 3.0  | #12 Symbiotic  | 2   |          |
| 0035.TCrB      | 90       | 04:12    | 15:59:30.0 | +25:55:12 | 300 | 90   | 3.0  | #12 Symbiotic  | 2   |          |
| 0036.COMP      | 10       | 04:15    | 15:59:30.0 | +25:55:12 | 300 | 90   | 3.0  | 0 Calibration  | 2   |          |
| 0037.RSOph     | 90       | 04:17    | 17:50:13.0 | -06:42:30 | 300 | 90   | 3.0  | #12 Symbiotic  | 2   |          |
| 0038.RSOph     | 180      | 04:20    | 17:50:13.0 | -06:42:30 | 300 | 90   | 3.0  | #12 Symbiotic  | 2   |          |
| 0039.RSOph     | 180      | 04:23    | 17:50:13.0 | -06:42:30 | 300 | 90   | 3.0  | #12 Symbiotic  | 2   |          |
| 0040.COMP      | 10       | 04:27    | 17:50:13.0 | -06:42:30 | 300 | 90   | 3.0  | 0 Calibration  | 2   |          |
| 0041.BDp332642 | 180      | 04:28    | 15:51:59.9 | +32:56:54 | 300 | 90   | 3.0  | #56 Spectropho | 2   |          |
| 0042.BDp332642 | 180      | 04:32    | 15:51:59.9 | +32:56:54 | 300 | 90   | 3.0  | #56 Spectropho | 2   |          |
| 0043.COMP      | 10       | 04:35    | 15:51:59.9 | +32:56:54 | 300 | 90   | 3.0  | 0 Calibration  | 2   |          |
| 0044.BDp262606 | 120      | 04:37    | 14:49:02.4 | +25:42:09 | 300 | 90   | 3.0  | #56 Spectropho | 2   |          |
| 0045.BDp262606 | 120      | 04:39    | 14:49:02.4 | +25:42:09 | 300 | 90   | 3.0  | #56 Spectropho | 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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0046.COMP      | 10              | 04:42           | 14:49:02.4 | +25:42:09  | 300        | 90          | 3.0         | 0 Calibration  | 2          |                 |
| 0047.AS210     | 60              | 04:44           | 16:51:20.3 | -26:00:33  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0048.AS210     | 366             | 04:46           | 16:51:20.3 | -26:00:33  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0049.AS210     | 104             | 04:53           | 16:51:20.3 | -26:00:33  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0050.COMP      | 10              | 04:56           | 16:51:20.3 | -26:00:33  | 300        | 90          | 3.0         | 0 Calibration  | 2          |                 |
| 0051.Hen1341   | 130             | 04:58           | 17:08:36.0 | -17:26:30  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0052.Hen1341   | 316             | 05:03           | 17:08:36.0 | -17:26:30  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0053.COMP      | 10              | 05:13           | 17:08:36.0 | -17:26:30  | 300        | 90          | 3.0         | 0 Calibration  | 2          |                 |
| 0054-0056.BIAS | 0               | 08:11           | 17:08:36.0 | -17:26:30  | 300        | 90          | 3.0         | 0 Calibration  | 2          |                 |