

UT Date 2008-05-02 Observers W BrownColl. Focus 1300 Grating/Grism 600

| File         | Exp Time | UT Start | RA         | Dec       | Gr. | P.A. | Slit | Program        | Bin | Comments         |
|--------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|------------------|
| 0001.fastfoc | 15       | 23:15    | 05:21:18.4 | +31:29:58 | 600 | 90   | 1.5  | #57 Velocity S | 4   | x21 focus = 1300 |
| 0002.fastfoc | 15       | 23:16    | 05:21:18.4 | +31:29:58 | 600 | 90   | 1.5  | #57 Velocity S | 4   |                  |
| 0003.fastfoc | 15       | 23:16    | 05:21:18.4 | +31:29:58 | 600 | 90   | 1.5  | #57 Velocity S | 4   |                  |
| 0004.fastfoc | 15       | 23:17    | 05:21:18.4 | +31:29:58 | 600 | 90   | 1.5  | #57 Velocity S | 4   |                  |
| 0005.fastfoc | 15       | 23:17    | 05:21:18.4 | +31:29:58 | 600 | 90   | 1.5  | #57 Velocity S | 4   |                  |
| 0006.fastfoc | 15       | 23:18    | 05:21:18.4 | +31:29:58 | 600 | 90   | 1.5  | #57 Velocity S | 4   |                  |
| 0007.fastfoc | 15       | 23:18    | 05:21:18.4 | +31:29:58 | 600 | 90   | 1.5  | #57 Velocity S | 4   |                  |
| 0008.fastfoc | 15       | 23:19    | 05:21:18.4 | +31:29:58 | 600 | 90   | 1.5  | #57 Velocity S | 4   |                  |
| 0009.fastfoc | 15       | 23:19    | 05:21:18.4 | +31:29:58 | 600 | 90   | 1.5  | #57 Velocity S | 4   |                  |
| 0010.fastfoc | 15       | 23:22    | 05:21:18.4 | +31:29:58 | 600 | 90   | 1.5  | #57 Velocity S | 4   |                  |
| 0011.fastfoc | 15       | 23:22    | 05:21:18.4 | +31:29:58 | 600 | 90   | 1.5  | #57 Velocity S | 4   |                  |
| 0012.fastfoc | 15       | 23:23    | 05:21:18.4 | +31:29:58 | 600 | 90   | 1.5  | #57 Velocity S | 4   |                  |
| 0013.fastfoc | 15       | 23:27    | 05:21:18.4 | +31:29:58 | 600 | 90   | 1.5  | #57 Velocity S | 4   |                  |
| 0014.fastfoc | 15       | 23:27    | 05:21:18.4 | +31:29:58 | 600 | 90   | 1.5  | #57 Velocity S | 4   |                  |
| 0015.fastfoc | 15       | 23:28    | 05:21:18.4 | +31:29:58 | 600 | 90   | 1.5  | #57 Velocity S | 4   |                  |
| 0016.fastfoc | 15       | 23:28    | 05:21:18.4 | +31:29:58 | 600 | 90   | 1.5  | #57 Velocity S | 4   |                  |
| 0017.fastfoc | 15       | 23:28    | 05:21:18.4 | +31:29:58 | 600 | 90   | 1.5  | #57 Velocity S | 4   |                  |
| 0018.fastfoc | 15       | 23:29    | 05:21:18.4 | +31:29:58 | 600 | 90   | 1.5  | #57 Velocity S | 4   |                  |
| 0019.fastfoc | 15       | 23:29    | 05:21:18.4 | +31:29:58 | 600 | 90   | 1.5  | #57 Velocity S | 4   |                  |
| 0022.BIAS    | 0        | 23:40    | 05:21:18.4 | +31:29:58 | 600 | 90   | 1.5  | #57 Velocity S | 4   | x13              |

UT Date 2008-05-02 Observers W BrownColl. Focus 1300 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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0023-0034.BIAS | 0               | 23:41           | 05:21:18.4 | +31:29:58  | 600        | 90          | 1.5         | #57 Velocity S | 4          |                 |
| 0038.FLAT      | 65              | 00:02           | 05:21:18.4 | +31:29:58  | 600        | 90          | 1.5         | #57 Velocity S | 4          | x10             |
| 0039-0047.FLAT | 60              | 00:23           | 05:21:18.4 | +31:29:58  | 600        | 90          | 1.5         | #57 Velocity S | 4          |                 |
| 0048.Feige34   | 180             | 02:53           | 10:39:36.7 | +43:06:09  | 600        | 90          | 1.5         | #56 Spectropho | 4          |                 |
| 0049.COMP      | 10              | 02:56           | 10:39:36.7 | +43:06:09  | 600        | 90          | 1.5         | #56 Spectropho | 4          |                 |
| 0050.bcand527  | 420             | 03:03           | 11:12:57.4 | +00:57:01  | 600        | -15         | 1.5         | #182 Runaway B | 4          |                 |
| 0051.COMP      | 10              | 03:10           | 11:12:57.4 | +00:57:01  | 600        | -15         | 1.5         | #182 Runaway B | 4          |                 |
| 0052.bcand532  | 1589            | 03:13           | 11:16:22.5 | +02:31:10  | 600        | -15         | 1.5         | #182 Runaway B | 4          |                 |
| 0053.COMP      | 10              | 03:40           | 11:16:22.5 | +02:31:10  | 600        | -15         | 1.5         | #182 Runaway B | 4          |                 |
| 0054.bcand527  | 420             | 03:42           | 11:12:57.4 | +00:57:01  | 600        | 0           | 1.5         | #182 Runaway B | 4          |                 |
| 0055.COMP      | 10              | 03:49           | 11:12:57.4 | +00:57:01  | 600        | 0           | 1.5         | #182 Runaway B | 4          |                 |
| 0056.bcand532  | 1249            | 03:50           | 11:16:22.5 | +02:31:10  | 600        | 0           | 1.5         | #182 Runaway B | 4          |                 |
| 0057.COMP      | 10              | 04:11           | 11:16:22.5 | +02:31:10  | 600        | 0           | 1.5         | #182 Runaway B | 4          |                 |
| 0058.bcand527  | 420             | 04:13           | 11:12:57.4 | +00:57:01  | 600        | 9           | 1.5         | #182 Runaway B | 4          |                 |
| 0059.COMP      | 10              | 04:20           | 11:12:57.4 | +00:57:01  | 600        | 9           | 1.5         | #182 Runaway B | 4          |                 |
| 0060.bcand532  | 1320            | 04:21           | 11:16:22.5 | +02:31:10  | 600        | 15          | 1.5         | #182 Runaway B | 4          |                 |
| 0061.COMP      | 10              | 04:44           | 11:16:22.5 | +02:31:10  | 600        | 15          | 1.5         | #182 Runaway B | 4          |                 |
| 0062.bcand527  | 420             | 04:45           | 11:12:57.4 | +00:57:01  | 600        | 25          | 1.5         | #182 Runaway B | 4          |                 |
| 0063.COMP      | 10              | 04:52           | 11:12:57.4 | +00:57:01  | 600        | 25          | 1.5         | #182 Runaway B | 4          |                 |
| 0064.bcand532  | 1320            | 04:53           | 11:16:22.5 | +02:31:10  | 600        | 30          | 1.5         | #182 Runaway B | 4          |                 |

UT Date 2008-05-02 Observers W BrownColl. Focus 1300 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> |
|-----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0065.COMP       | 10              | 05:16           | 11:16:22.5 | +02:31:10  | 600        | 30          | 1.5         | #182 Runaway B | 4          |                 |
| 0066.bcand527   | 420             | 05:17           | 11:12:57.4 | +00:57:01  | 600        | 30          | 1.5         | #182 Runaway B | 4          |                 |
| 0067.COMP       | 10              | 05:24           | 11:12:57.4 | +00:57:01  | 600        | 30          | 1.5         | #182 Runaway B | 4          |                 |
| 0068.bcand532   | 1500            | 05:26           | 11:16:22.5 | +02:31:10  | 600        | 35          | 1.5         | #182 Runaway B | 4          |                 |
| 0069.COMP       | 10              | 05:51           | 11:16:22.5 | +02:31:10  | 600        | 35          | 1.5         | #182 Runaway B | 4          |                 |
| 0070.bcand527   | 420             | 05:52           | 11:12:57.4 | +00:57:01  | 600        | 40          | 1.5         | #182 Runaway B | 4          |                 |
| 0071.COMP       | 10              | 05:59           | 11:12:57.4 | +00:57:01  | 600        | 40          | 1.5         | #182 Runaway B | 4          |                 |
| 0072.bcand599   | 1020            | 06:01           | 12:20:23.1 | +14:39:27  | 600        | 40          | 1.5         | #182 Runaway B | 4          |                 |
| 0073.COMP       | 10              | 06:18           | 12:20:23.1 | +14:39:27  | 600        | 40          | 1.5         | #182 Runaway B | 4          |                 |
| 0074.pg1209p263 | 330             | 06:19           | 12:12:13.1 | +26:00:02  | 600        | 40          | 1.5         | #182 Runaway B | 4          |                 |
| 0075.COMP       | 10              | 06:25           | 12:12:13.1 | +26:00:02  | 600        | 40          | 1.5         | #182 Runaway B | 4          |                 |
| 0076.bcand273   | 420             | 06:26           | 12:59:26.0 | +27:21:23  | 600        | 50          | 1.5         | #182 Runaway B | 4          |                 |
| 0077.COMP       | 10              | 06:33           | 12:59:26.0 | +27:21:23  | 600        | 50          | 1.5         | #182 Runaway B | 4          |                 |
| 0078.bcand599   | 1020            | 06:35           | 12:20:23.1 | +14:39:27  | 600        | 50          | 1.5         | #182 Runaway B | 4          |                 |
| 0079.COMP       | 10              | 06:52           | 12:20:23.1 | +14:39:27  | 600        | 50          | 1.5         | #182 Runaway B | 4          |                 |
| 0080.pg1209p263 | 330             | 06:54           | 12:12:13.1 | +26:00:02  | 600        | 59          | 1.5         | #182 Runaway B | 4          |                 |
| 0081.COMP       | 5               | 07:00           | 12:12:13.1 | +26:00:02  | 600        | 59          | 1.5         | #182 Runaway B | 4          |                 |
| 0082.bcand273   | 420             | 07:01           | 12:59:26.0 | +27:21:23  | 600        | 59          | 1.5         | #182 Runaway B | 4          |                 |
| 0083.COMP       | 10              | 07:08           | 12:59:26.0 | +27:21:23  | 600        | 59          | 1.5         | #182 Runaway B | 4          |                 |
| 0084.bcand599   | 1020            | 07:10           | 12:20:23.1 | +14:39:27  | 600        | 59          | 1.5         | #182 Runaway B | 4          |                 |

UT Date 2008-05-02 Observers W BrownColl. Focus 1300 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>     |
|-----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|---------------------|
| 0085.COMP       | 10              | 07:27           | 12:20:23.1 | +14:39:27  | 600        | 59          | 1.5         | #182 Runaway B | 4          |                     |
| 0086.pg1209p263 | 330             | 07:28           | 12:12:13.1 | +26:00:02  | 600        | 70          | 1.5         | #182 Runaway B | 4          |                     |
| 0087.COMP       | 10              | 07:34           | 12:12:13.1 | +26:00:02  | 600        | 70          | 1.5         | #182 Runaway B | 4          |                     |
| 0088.bcand273   | 420             | 07:35           | 12:59:26.0 | +27:21:23  | 600        | 70          | 1.5         | #182 Runaway B | 4          |                     |
| 0089.COMP       | 10              | 07:42           | 12:59:26.0 | +27:21:23  | 600        | 70          | 1.5         | #182 Runaway B | 4          |                     |
| 0090.bcand599   | 1080            | 07:44           | 12:20:23.1 | +14:39:27  | 600        | 60          | 1.5         | #182 Runaway B | 4          |                     |
| 0091.COMP       | 10              | 08:02           | 12:20:23.1 | +14:39:27  | 600        | 60          | 1.5         | #182 Runaway B | 4          |                     |
| 0092.pg1209p263 | 360             | 08:03           | 12:12:13.1 | +26:00:02  | 600        | 70          | 1.5         | #182 Runaway B | 4          |                     |
| 0093.COMP       | 10              | 08:09           | 12:12:13.1 | +26:00:02  | 600        | 70          | 1.5         | #182 Runaway B | 4          |                     |
| 0094.bcand273   | 420             | 08:10           | 12:59:26.0 | +27:21:23  | 600        | 70          | 1.5         | #182 Runaway B | 4          |                     |
| 0095.COMP       | 10              | 08:18           | 12:59:26.0 | +27:21:23  | 600        | 70          | 1.5         | #182 Runaway B | 4          |                     |
| 0096.bcand599   | 1140            | 08:19           | 12:20:23.1 | +14:39:27  | 600        | 60          | 1.5         | #182 Runaway B | 4          |                     |
| 0097.COMP       | 10              | 08:39           | 12:20:23.1 | +14:39:27  | 600        | 60          | 1.5         | #182 Runaway B | 4          |                     |
| 0098.pg1209p263 | 330             | 08:40           | 12:12:13.1 | +26:00:02  | 600        | 70          | 1.5         | #182 Runaway B | 4          |                     |
| 0099.COMP       | 10              | 08:46           | 12:12:13.1 | +26:00:02  | 600        | 70          | 1.5         | #182 Runaway B | 4          |                     |
| 0100.bcand273   | 420             | 08:47           | 12:59:26.0 | +27:21:23  | 600        | 70          | 1.5         | #182 Runaway B | 4          |                     |
| 0101.COMP       | 10              | 08:55           | 12:59:26.0 | +27:21:23  | 600        | 70          | 1.5         | #182 Runaway B | 4          |                     |
| 0102.pg1554p262 | 1380            | 08:59           | 15:56:23.9 | +26:04:42  | 600        | 70          | 2.0         | #178 Very Low  | 4          | changing to 2" slit |
| 0103.COMP       | 10              | 09:23           | 15:56:23.9 | +26:04:42  | 600        | 70          | 2.0         | #178 Very Low  | 4          |                     |
| 0104.pg1614p136 | 780             | 09:25           | 16:16:52.0 | +13:34:24  | 600        | 20          | 2.0         | #178 Very Low  | 4          |                     |

UT Date 2008-05-02 Observers W BrownColl. Focus 1300 Grating/Grism 600

| File            | Exp Time | UT Start | RA         | Dec       | Gr. | P.A. | Slit | Program        | Bin | Comments |
|-----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0105.COMP       | 10       | 09:38    | 16:16:52.0 | +13:34:24 | 600 | 20   | 2.0  | #178 Very Low  | 4   |          |
| 0106.pg1554p262 | 1380     | 09:40    | 15:56:23.9 | +26:04:42 | 600 | 20   | 2.0  | #178 Very Low  | 4   |          |
| 0107.COMP       | 10       | 10:04    | 15:56:23.9 | +26:04:42 | 600 | 20   | 2.0  | #178 Very Low  | 4   |          |
| 0108.pg1614p136 | 780      | 10:05    | 16:16:52.0 | +13:34:24 | 600 | 40   | 2.0  | #178 Very Low  | 4   |          |
| 0109.COMP       | 10       | 10:18    | 16:16:52.0 | +13:34:24 | 600 | 40   | 2.0  | #178 Very Low  | 4   |          |
| 0110.pg1554p262 | 1380     | 10:20    | 15:56:23.9 | +26:04:42 | 600 | 70   | 2.0  | #178 Very Low  | 4   |          |
| 0111.COMP       | 10       | 10:43    | 15:56:23.9 | +26:04:42 | 600 | 70   | 2.0  | #178 Very Low  | 4   |          |
| 0112.pg1614p136 | 780      | 10:44    | 16:16:52.0 | +13:34:24 | 600 | 50   | 2.0  | #178 Very Low  | 4   |          |
| 0113.COMP       | 10       | 10:58    | 16:16:52.0 | +13:34:24 | 600 | 50   | 2.0  | #178 Very Low  | 4   |          |
| 0114.pg1554p262 | 1320     | 10:59    | 15:56:23.9 | +26:04:42 | 600 | 70   | 2.0  | #178 Very Low  | 4   |          |
| 0115.COMP       | 10       | 11:21    | 15:56:23.9 | +26:04:42 | 600 | 70   | 2.0  | #178 Very Low  | 4   |          |
| 0116.pg1614p136 | 780      | 11:23    | 16:16:52.0 | +13:34:24 | 600 | 55   | 2.0  | #178 Very Low  | 4   |          |
| 0117.COMP       | 10       | 11:36    | 16:16:52.0 | +13:34:24 | 600 | 55   | 2.0  | #178 Very Low  | 4   |          |
| 0118.BDp332642  | 180      | 11:37    | 15:51:59.9 | +32:56:54 | 600 | 79   | 2.0  | #56 Spectropho | 4   |          |
| 0119.COMP       | 10       | 11:41    | 15:51:59.9 | +32:56:54 | 600 | 79   | 2.0  | #56 Spectropho | 4   |          |
| 0120.BIAS       | 0        | 11:42    | 15:51:59.9 | +32:56:54 | 600 | 79   | 2.0  | #178 Very Low  | 4   | x10      |
| 0121-0129.BIAS  | 0        | 11:43    | 15:51:59.9 | +32:56:54 | 600 | 79   | 2.0  | #178 Very Low  | 4   |          |
| 0130.FLAT       | 45       | 11:44    | 15:51:59.9 | +32:56:54 | 600 | 90   | 2.0  | #178 Very Low  | 4   | x10      |
| 0131-0139.FLAT  | 45       | 11:52    | 15:51:59.9 | +32:56:54 | 600 | 90   | 2.0  | #178 Very Low  | 4   |          |
| 0140.fastfoc    | 10       | 11:56    | 15:51:59.9 | +32:56:54 | 600 | 90   | 2.0  | #178 Very Low  | 4   |          |



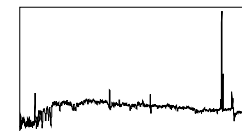
UT Date 2008-05-02 Observers W Brown

Coll. Focus 1300 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> |
|--------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0141.fastfoc | 10              | 11:56           | 15:51:59.9 | +32:56:54  | 600        | 90          | 2.0         | #178 Very Low  | 4          |                 |
| 0142.fastfoc | 10              | 11:57           | 15:51:59.9 | +32:56:54  | 600        | 90          | 2.0         | #178 Very Low  | 4          |                 |
| 0143.fastfoc | 10              | 11:57           | 15:51:59.9 | +32:56:54  | 600        | 90          | 2.0         | #178 Very Low  | 4          |                 |
| 0144.fastfoc | 10              | 11:57           | 15:51:59.9 | +32:56:54  | 600        | 90          | 2.0         | #178 Very Low  | 4          |                 |
| 0145.fastfoc | 10              | 11:58           | 15:51:59.9 | +32:56:54  | 600        | 90          | 2.0         | #178 Very Low  | 4          |                 |
| 0146.fastfoc | 10              | 11:58           | 15:51:59.9 | +32:56:54  | 600        | 90          | 2.0         | #178 Very Low  | 4          |                 |
| 0147.fastfoc | 10              | 11:59           | 15:51:59.9 | +32:56:54  | 600        | 90          | 2.0         | #178 Very Low  | 4          |                 |
| 0148.fastfoc | 10              | 11:59           | 15:51:59.9 | +32:56:54  | 600        | 90          | 2.0         | #178 Very Low  | 4          |                 |
| 0149.fastfoc | 10              | 12:00           | 15:51:59.9 | +32:56:54  | 600        | 90          | 2.0         | #178 Very Low  | 4          |                 |

UT Date 2008-05-03 Observers W BrownColl. Focus 1270 Grating/Grism 600

| File           | Exp Time | UT Start | RA         | Dec       | Gr. | P.A. | Slit | Program        | Bin   | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-------|----------|
| 0001.fastfoc   | 10       | 20:45    | 15:51:59.9 | +32:56:54 | 600 | 90   | 1.5  | #178 Very Low  | 4 x10 |          |
| 0002.fastfoc   | 10       | 20:45    | 15:51:59.9 | +32:56:54 | 600 | 90   | 1.5  | #178 Very Low  | 4     |          |
| 0003.fastfoc   | 10       | 20:46    | 15:51:59.9 | +32:56:54 | 600 | 90   | 1.5  | #178 Very Low  | 4     |          |
| 0004.fastfoc   | 10       | 20:46    | 15:51:59.9 | +32:56:54 | 600 | 90   | 1.5  | #178 Very Low  | 4     |          |
| 0005.fastfoc   | 10       | 20:46    | 15:51:59.9 | +32:56:54 | 600 | 90   | 1.5  | #178 Very Low  | 4     |          |
| 0006.fastfoc   | 10       | 20:47    | 15:51:59.9 | +32:56:54 | 600 | 90   | 1.5  | #178 Very Low  | 4     |          |
| 0007.fastfoc   | 10       | 20:47    | 15:51:59.9 | +32:56:54 | 600 | 90   | 1.5  | #178 Very Low  | 4     |          |
| 0008.fastfoc   | 10       | 20:47    | 15:51:59.9 | +32:56:54 | 600 | 90   | 1.5  | #178 Very Low  | 4     |          |
| 0009.fastfoc   | 10       | 20:48    | 15:51:59.9 | +32:56:54 | 600 | 90   | 1.5  | #178 Very Low  | 4     |          |
| 0010.BIAS      | 0        | 20:58    | 15:51:59.9 | +32:56:54 | 600 | 90   | 1.5  | #178 Very Low  | 4 x10 |          |
| 0011-0019.BIAS | 0        | 20:59    | 15:51:59.9 | +32:56:54 | 600 | 90   | 1.5  | #178 Very Low  | 4     |          |
| 0020.FLAT      | 65       | 21:22    | 15:51:59.9 | +32:56:54 | 600 | 90   | 1.5  | #0 Calibration | 4 x10 |          |
| 0021-0029.FLAT | 65       | 21:34    | 15:51:59.9 | +32:56:54 | 600 | 90   | 1.5  | #0 Calibration | 4     |          |
| 0030.DARK      | 900      | 22:25    | 15:51:59.9 | +32:56:54 | 600 | 90   | 1.5  | #0 Calibration | 4 x12 |          |
| 0031-0041.DARK | 900      | 01:42    | 15:51:59.9 | +32:56:54 | 600 | 90   | 1.5  | #0 Calibration | 4     |          |
| 0042.Feige34   | 240      | 02:51    | 10:39:36.7 | +43:06:09 | 600 | 90   | 1.5  | #56 Spectropho | 4     |          |
| 0043.COMP      | 10       | 02:55    | 10:39:36.7 | +43:06:09 | 600 | 90   | 1.5  | #56 Spectropho | 4     |          |
| 0044.bd382182  | 60       | 02:56    | 10:49:12.9 | +38:00:15 | 600 | 90   | 1.5  | #182 Runaway B | 4     |          |
| 0045.COMP      | 10       | 02:57    | 10:49:12.9 | +38:00:15 | 600 | 90   | 1.5  | #182 Runaway B | 4     |          |
| 0046.bcand491  | 660      | 02:59    | 10:25:41.3 | +45:43:32 | 600 | 90   | 1.5  | #182 Runaway B | 4     |          |

UT Date 2008-05-03 Observers W BrownColl. Focus 1270 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> |
|---------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0047.COMP     | 10              | 03:11           | 10:25:41.3 | +45:43:32  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0048.bcand485 | 960             | 03:12           | 10:10:18.8 | +30:20:28  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0049.COMP     | 10              | 03:29           | 10:10:18.8 | +30:20:28  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0050.bd382182 | 60              | 03:30           | 10:49:12.9 | +38:00:15  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0051.COMP     | 10              | 03:31           | 10:49:12.9 | +38:00:15  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0052.bcand491 | 660             | 03:32           | 10:25:41.3 | +45:43:32  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0053.COMP     | 10              | 03:43           | 10:25:41.3 | +45:43:32  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0054.bcand485 | 960             | 03:44           | 10:10:18.8 | +30:20:28  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0055.COMP     | 10              | 04:01           | 10:10:18.8 | +30:20:28  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0056.bd382182 | 60              | 04:02           | 10:49:12.9 | +38:00:15  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0057.COMP     | 10              | 04:03           | 10:49:12.9 | +38:00:15  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0058.bcand491 | 660             | 04:04           | 10:25:41.3 | +45:43:32  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0059.COMP     | 10              | 04:15           | 10:25:41.3 | +45:43:32  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0060.bcand485 | 960             | 04:17           | 10:10:18.8 | +30:20:28  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0061.COMP     | 10              | 04:33           | 10:10:18.8 | +30:20:28  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0062.bcand563 | 720             | 04:35           | 11:50:06.6 | +36:00:18  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0063.COMP     | 10              | 04:47           | 11:50:06.6 | +36:00:18  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0064.bcand566 | 900             | 04:49           | 12:05:50.2 | +62:16:32  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0065.COMP     | 10              | 05:04           | 12:05:50.2 | +62:16:32  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0066.bd362268 | 30              | 05:05           | 12:25:23.5 | +35:58:34  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |



UT Date 2008-05-03 Observers W BrownColl. Focus 1270 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> |
|---------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0067.COMP     | 10              | 05:06           | 12:25:23.5 | +35:58:34  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0068.bcand485 | 960             | 05:07           | 10:10:18.8 | +30:20:28  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0069.COMP     | 10              | 05:24           | 10:10:18.8 | +30:20:28  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0070.bcand491 | 660             | 05:26           | 10:25:41.3 | +45:43:32  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0071.COMP     | 10              | 05:37           | 10:25:41.3 | +45:43:32  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0072.bd382182 | 75              | 05:38           | 10:49:12.9 | +38:00:15  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0073.COMP     | 10              | 05:40           | 10:49:12.9 | +38:00:15  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0074.bcand563 | 720             | 05:41           | 11:50:06.6 | +36:00:18  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0075.COMP     | 10              | 05:53           | 11:50:06.6 | +36:00:18  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0076.bcand566 | 900             | 05:54           | 12:05:50.2 | +62:16:32  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0077.COMP     | 10              | 06:10           | 12:05:50.2 | +62:16:32  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0078.bd362268 | 30              | 06:11           | 12:25:23.5 | +35:58:34  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0079.COMP     | 10              | 06:12           | 12:25:23.5 | +35:58:34  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0080.bcand485 | 960             | 06:14           | 10:10:18.8 | +30:20:28  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0081.COMP     | 10              | 06:30           | 10:10:18.8 | +30:20:28  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0082.bcand491 | 660             | 06:31           | 10:25:41.3 | +45:43:32  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0083.COMP     | 10              | 06:42           | 10:25:41.3 | +45:43:32  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0084.bd382182 | 60              | 06:44           | 10:49:12.9 | +38:00:15  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0085.COMP     | 10              | 06:45           | 10:49:12.9 | +38:00:15  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0086.bcand563 | 720             | 06:46           | 11:50:06.6 | +36:00:18  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |

UT Date 2008-05-03 Observers W BrownColl. Focus 1270 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> |
|-----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0087.COMP       | 10              | 06:58           | 11:50:06.6 | +36:00:18  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0088.bcand566   | 900             | 07:00           | 12:05:50.2 | +62:16:32  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0089.COMP       | 10              | 07:15           | 12:05:50.2 | +62:16:32  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0090.bd362268   | 45              | 07:17           | 12:25:23.5 | +35:58:34  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0091.COMP       | 10              | 07:18           | 12:25:23.5 | +35:58:34  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0092.bcand563   | 720             | 07:19           | 11:50:06.6 | +36:00:18  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0093.COMP       | 10              | 07:31           | 11:50:06.6 | +36:00:18  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0094.bcand566   | 900             | 07:32           | 12:05:50.2 | +62:16:32  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0095.COMP       | 10              | 07:48           | 12:05:50.2 | +62:16:32  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0096.bd362268   | 45              | 07:49           | 12:25:23.5 | +35:58:34  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0097.COMP       | 10              | 07:50           | 12:25:23.5 | +35:58:34  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0098.bcand563   | 720             | 07:51           | 11:50:06.6 | +36:00:18  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0099.COMP       | 10              | 08:03           | 11:50:06.6 | +36:00:18  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0100.bcand566   | 900             | 08:04           | 12:05:50.2 | +62:16:32  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0101.COMP       | 10              | 08:20           | 12:05:50.2 | +62:16:32  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0102.bd362268   | 45              | 08:21           | 12:25:23.5 | +35:58:34  | 600        | 90          | 1.0         | #182 Runaway B | 4          |                 |
| 0103.COMP       | 10              | 08:22           | 12:25:23.5 | +35:58:34  | 600        | 90          | 1.0         | #182 Runaway B | 4          |                 |
| 0104.pg1519p500 | 1200            | 08:26           | 15:20:42.0 | +49:51:40  | 600        | 90          | 2.0         | #178 Very Low  | 4          |                 |
| 0105.COMP       | 10              | 08:46           | 15:20:42.0 | +49:51:40  | 600        | 90          | 2.0         | #178 Very Low  | 4          |                 |
| 0106.pg1654p637 | 840             | 08:48           | 16:54:30.0 | +63:39:23  | 600        | 90          | 2.0         | #178 Very Low  | 4          |                 |

UT Date 2008-05-03 Observers W BrownColl. Focus 1270 Grating/Grism 600

| File            | Exp Time | UT Start | RA         | Dec       | Gr. | P.A. | Slit | Program        | Bin | Comments |
|-----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0107.COMP       | 10       | 09:02    | 16:54:30.0 | +63:39:23 | 600 | 90   | 2.0  | #178 Very Low  | 4   |          |
| 0108.pg1519p500 | 1200     | 09:03    | 15:20:42.0 | +49:51:40 | 600 | 90   | 2.0  | #178 Very Low  | 4   |          |
| 0109.COMP       | 10       | 09:24    | 15:20:42.0 | +49:51:40 | 600 | 90   | 2.0  | #178 Very Low  | 4   |          |
| 0110.pg1519p500 | 1200     | 09:25    | 15:20:42.0 | +49:51:40 | 600 | 90   | 2.0  | #178 Very Low  | 4   |          |
| 0111.COMP       | 10       | 09:45    | 15:20:42.0 | +49:51:40 | 600 | 90   | 2.0  | #178 Very Low  | 4   |          |
| 0112.pg1654p637 | 840      | 09:46    | 16:54:30.0 | +63:39:23 | 600 | 90   | 2.0  | #178 Very Low  | 4   |          |
| 0113.COMP       | 10       | 10:01    | 16:54:30.0 | +63:39:23 | 600 | 90   | 2.0  | #178 Very Low  | 4   |          |
| 0114.pg1654p637 | 840      | 10:01    | 16:54:30.0 | +63:39:23 | 600 | 90   | 2.0  | #178 Very Low  | 4   |          |
| 0115.COMP       | 10       | 10:15    | 16:54:30.0 | +63:39:23 | 600 | 90   | 2.0  | #178 Very Low  | 4   |          |
| 0116.pg1519p500 | 1200     | 10:17    | 15:20:42.0 | +49:51:40 | 600 | 90   | 2.0  | #178 Very Low  | 4   |          |
| 0117.COMP       | 10       | 10:37    | 15:20:42.0 | +49:51:40 | 600 | 90   | 2.0  | #178 Very Low  | 4   |          |
| 0118.pg1654p637 | 840      | 10:39    | 16:54:30.0 | +63:39:23 | 600 | 90   | 2.0  | #178 Very Low  | 4   |          |
| 0119.COMP       | 10       | 10:53    | 16:54:30.0 | +63:39:23 | 600 | 90   | 2.0  | #178 Very Low  | 4   |          |
| 0120.pg1519p500 | 1200     | 10:54    | 15:20:42.0 | +49:51:40 | 600 | 90   | 2.0  | #178 Very Low  | 4   |          |
| 0121.COMP       | 10       | 11:14    | 15:20:42.0 | +49:51:40 | 600 | 90   | 2.0  | #178 Very Low  | 4   |          |
| 0122.pg1654p637 | 810      | 11:15    | 16:54:30.0 | +63:39:23 | 600 | 90   | 2.0  | #178 Very Low  | 4   |          |
| 0123.COMP       | 10       | 11:29    | 16:54:30.0 | +63:39:23 | 600 | 90   | 2.0  | #178 Very Low  | 4   |          |
| 0124.BDp332642  | 150      | 11:32    | 15:51:59.9 | +32:56:54 | 600 | 79   | 2.0  | #56 Spectropho | 4   |          |
| 0125.BDp332642  | 150      | 11:34    | 15:51:59.9 | +32:56:54 | 600 | 79   | 2.0  | #56 Spectropho | 4   |          |
| 0126.COMP       | 10       | 11:37    | 15:51:59.9 | +32:56:54 | 600 | 79   | 2.0  | #56 Spectropho | 4   |          |

UT Date 2008-05-03 Observers W BrownColl. Focus 1270 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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0127.BIAS      | 0               | 11:38           | 15:51:59.9 | +32:56:54  | 600        | 79          | 2.0         | #56 Spectropho | 4 x10      |                 |
| 0128-0136.BIAS | 0               | 11:40           | 15:51:59.9 | +32:56:54  | 600        | 79          | 2.0         | #56 Spectropho | 4          |                 |
| 0137.FLAT      | 45              | 11:40           | 15:51:59.9 | +32:56:54  | 600        | 79          | 2.0         | #56 Spectropho | 4 x10      |                 |
| 0138-0146.FLAT | 45              | 11:49           | 15:51:59.9 | +32:56:54  | 600        | 79          | 2.0         | #56 Spectropho | 4          |                 |
| 0147-0156.DARK | 900             | 14:20           | 15:51:59.9 | +32:56:54  | 600        | 90          | 2.0         | #56 Spectropho | 4          |                 |

UT Date 2008-05-04 Observers W BrownColl. Focus 1275 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>   |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-------------------|
| 0001.fastfoc   | 10              | 21:15           | 15:51:59.9 | +32:56:54  | 600        | 90          | 2.0         | #56 Spectropho | 4 x10      |                   |
| 0002.fastfoc   | 10              | 21:16           | 15:51:59.9 | +32:56:54  | 600        | 90          | 2.0         | #56 Spectropho | 4          |                   |
| 0003.fastfoc   | 10              | 21:16           | 15:51:59.9 | +32:56:54  | 600        | 90          | 2.0         | #56 Spectropho | 4          |                   |
| 0004.fastfoc   | 10              | 21:16           | 15:51:59.9 | +32:56:54  | 600        | 90          | 2.0         | #56 Spectropho | 4          |                   |
| 0005.fastfoc   | 10              | 21:17           | 15:51:59.9 | +32:56:54  | 600        | 90          | 2.0         | #56 Spectropho | 4          |                   |
| 0006.fastfoc   | 10              | 21:17           | 15:51:59.9 | +32:56:54  | 600        | 90          | 2.0         | #56 Spectropho | 4          |                   |
| 0007.fastfoc   | 10              | 21:17           | 15:51:59.9 | +32:56:54  | 600        | 90          | 2.0         | #56 Spectropho | 4          |                   |
| 0008.fastfoc   | 10              | 21:18           | 15:51:59.9 | +32:56:54  | 600        | 90          | 2.0         | #56 Spectropho | 4          |                   |
| 0009.fastfoc   | 10              | 21:18           | 15:51:59.9 | +32:56:54  | 600        | 90          | 2.0         | #56 Spectropho | 4          |                   |
| 0010.DARK      | 900             | 21:39           | 15:51:59.9 | +32:56:54  | 600        | 90          | 1.5         | #56 Spectropho | 4 x10      |                   |
| 0011-0018.DARK | 900             | 23:41           | 15:51:59.9 | +32:56:54  | 600        | 90          | 1.5         | #56 Spectropho | 4          |                   |
| 0019.BIAS      | 0               | 00:57           | 15:51:59.9 | +32:56:54  | 600        | 90          | 1.5         | #56 Spectropho | 4 x11      |                   |
| 0020-0029.BIAS | 0               | 00:58           | 15:51:59.9 | +32:56:54  | 600        | 90          | 1.5         | #56 Spectropho | 4          |                   |
| 0030.FLAT      | 65              | 00:59           | 15:51:59.9 | +32:56:54  | 600        | 90          | 1.5         | #56 Spectropho | 4 x10      |                   |
| 0031-0039.FLAT | 65              | 01:10           | 15:51:59.9 | +32:56:54  | 600        | 90          | 1.5         | #56 Spectropho | 4          |                   |
| 0040.fastfoc   | 5               | 02:01           | 15:51:59.9 | +32:56:54  | 300        | 90          | 3.0         | #56 Spectropho | 4          | changing gratings |
| 0041.fastfoc   | 5               | 02:02           | 15:51:59.9 | +32:56:54  | 300        | 90          | 3.0         | #56 Spectropho | 4          |                   |
| 0042.fastfoc   | 5               | 02:02           | 15:51:59.9 | +32:56:54  | 300        | 90          | 3.0         | #56 Spectropho | 4          |                   |
| 0043.fastfoc   | 5               | 02:04           | 15:51:59.9 | +32:56:54  | 300        | 90          | 3.0         | #56 Spectropho | 4          |                   |
| 0044.BIAS      | 0               | 02:05           | 15:51:59.9 | +32:56:54  | 300        | 90          | 3.0         | #56 Spectropho | 2 x10      |                   |

UT Date 2008-05-04 Observers W BrownColl. Focus 1275 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>  |
|-----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|------------------|
| 0045-0053.BIAS  | 0               | 02:07           | 15:51:59.9 | +32:56:54  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                  |
| 0054.FLAT       | 25              | 02:11           | 15:51:59.9 | +32:56:54  | 300        | 90          | 3.0         | #56 Spectropho | 2          | x16              |
| 0055-0069.FLAT  | 25              | 02:21           | 15:51:59.9 | +32:56:54  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                  |
| 0070.HD84937    | 20              | 02:54           | 09:48:56.1 | +13:44:39  | 300        | 0           | 3.0         | #56 Spectropho | 2          |                  |
| 0071.HD84937    | 20              | 02:54           | 09:48:56.1 | +13:44:39  | 300        | 0           | 3.0         | #56 Spectropho | 2          |                  |
| 0072.COMP       | 10              | 02:55           | 09:48:56.1 | +13:44:39  | 300        | 0           | 3.0         | #56 Spectropho | 2          |                  |
| 0073.N3379      | 180             | 02:57           | 10:47:49.6 | +12:34:54  | 300        | 0           | 3.0         | #57 Velocity S | 2          |                  |
| 0074.COMP       | 10              | 03:00           | 10:47:49.6 | +12:34:54  | 300        | 0           | 3.0         | #57 Velocity S | 2          |                  |
| 0075.sn2008ce   | 1500            | 03:05           | 12:27:27.7 | -08:10:05  | 300        | -30         | 3.0         | #2 SN Observat | 2          |                  |
| 0076.COMP       | 10              | 03:30           | 12:27:27.7 | -08:10:05  | 300        | -30         | 3.0         | #2 SN Observat | 2          |                  |
| 0077.Feige34    | 180             | 03:35           | 10:39:36.7 | +43:06:09  | 300        | -30         | 3.0         | #56 Spectropho | 2          |                  |
| 0078.Feige34    | 180             | 03:38           | 10:39:36.7 | +43:06:09  | 300        | -30         | 3.0         | #56 Spectropho | 2          |                  |
| 0079.COMP       | 10              | 03:41           | 10:39:36.7 | +43:06:09  | 300        | -30         | 3.0         | #56 Spectropho | 2          |                  |
| 0080.Feige34    | 240             | 03:46           | 10:39:36.7 | +43:06:09  | 600        | -30         | 1.5         | #56 Spectropho | 4          | 600 line grating |
| 0081.COMP       | 10              | 03:51           | 10:39:36.7 | +43:06:09  | 600        | -30         | 1.5         | #56 Spectropho | 4          |                  |
| 0082.bcand527   | 453             | 03:54           | 11:12:57.4 | +00:57:01  | 600        | 5           | 1.5         | #182 Runaway B | 4          |                  |
| 0083.COMP       | 10              | 04:02           | 11:12:57.4 | +00:57:01  | 600        | 5           | 1.5         | #182 Runaway B | 4          |                  |
| 0084.pg1209p263 | 330             | 04:04           | 12:12:13.1 | +26:00:02  | 600        | 5           | 1.5         | #182 Runaway B | 4          |                  |
| 0085.COMP       | 10              | 04:10           | 12:12:13.1 | +26:00:02  | 600        | 5           | 1.5         | #182 Runaway B | 4          |                  |
| 0086.bcand273   | 480             | 04:11           | 12:59:26.0 | +27:21:23  | 600        | 5           | 1.5         | #182 Runaway B | 4          |                  |

UT Date 2008-05-04 Observers W BrownColl. Focus 1275 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>     |
|-----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|---------------------|
| 0087.COMP       | 10              | 04:19           | 12:59:26.0 | +27:21:23  | 600        | 5           | 1.5         | #182 Runaway B | 4          |                     |
| 0088.bcand527   | 453             | 04:21           | 11:12:57.4 | +00:57:01  | 600        | 15          | 1.5         | #182 Runaway B | 4          |                     |
| 0089.COMP       | 10              | 04:29           | 11:12:57.4 | +00:57:01  | 600        | 15          | 1.5         | #182 Runaway B | 4          |                     |
| 0090.bcand532   | 1320            | 04:30           | 11:16:22.5 | +02:31:10  | 600        | 15          | 1.5         | #182 Runaway B | 4          |                     |
| 0091.COMP       | 10              | 04:52           | 11:16:22.5 | +02:31:10  | 600        | 15          | 1.5         | #182 Runaway B | 4          |                     |
| 0092.bcand527   | 420             | 04:54           | 11:12:57.4 | +00:57:01  | 600        | 25          | 1.5         | #182 Runaway B | 4          |                     |
| 0093.COMP       | 10              | 05:01           | 11:12:57.4 | +00:57:01  | 600        | 25          | 1.5         | #182 Runaway B | 4          | getting real cloudy |
| 0095.pg1209p263 | 420             | 05:09           | 12:12:13.1 | +26:00:02  | 600        | 30          | 1.5         | #182 Runaway B | 4          |                     |
| 0096.COMP       | 10              | 05:16           | 12:12:13.1 | +26:00:02  | 600        | 30          | 1.5         | #182 Runaway B | 4          |                     |
| 0097.bcand273   | 540             | 05:17           | 12:59:26.0 | +27:21:23  | 600        | 30          | 1.5         | #182 Runaway B | 4          |                     |
| 0098.COMP       | 10              | 05:26           | 12:59:26.0 | +27:21:23  | 600        | 30          | 1.5         | #182 Runaway B | 4          |                     |
| 0099.bcand527   | 600             | 05:29           | 11:12:57.4 | +00:57:01  | 600        | 40          | 1.5         | #182 Runaway B | 4          |                     |
| 0100.COMP       | 10              | 05:40           | 11:12:57.4 | +00:57:01  | 600        | 40          | 1.5         | #182 Runaway B | 4          |                     |
| 0101.pg1209p263 | 480             | 05:41           | 12:12:13.1 | +26:00:02  | 600        | 40          | 1.5         | #182 Runaway B | 4          |                     |
| 0102.COMP       | 10              | 05:49           | 12:12:13.1 | +26:00:02  | 600        | 40          | 1.5         | #182 Runaway B | 4          |                     |
| 0103.bcand273   | 600             | 06:03           | 12:59:26.0 | +27:21:23  | 600        | 40          | 1.5         | #182 Runaway B | 4          |                     |
| 0104.COMP       | 10              | 06:13           | 12:59:26.0 | +27:21:23  | 600        | 40          | 1.5         | #182 Runaway B | 4          |                     |
| 0105.pg1209p263 | 600             | 07:40           | 12:12:13.1 | +26:00:02  | 600        | 70          | 1.5         | #182 Runaway B | 4          |                     |
| 0106.COMP       | 10              | 07:50           | 12:12:13.1 | +26:00:02  | 600        | 70          | 1.5         | #182 Runaway B | 4          |                     |
| 0107.bcand273   | 780             | 07:53           | 12:59:26.0 | +27:21:23  | 600        | 70          | 1.5         | #182 Runaway B | 4          |                     |

UT Date 2008-05-04 Observers W BrownColl. Focus 1275 Grating/Grism 600

| File            | Exp Time | UT Start | RA         | Dec       | Gr. | P.A. | Slit | Program        | Bin | Comments             |
|-----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------------------|
| 0108.COMP       | 10       | 08:07    | 12:59:26.0 | +27:21:23 | 600 | 70   | 1.5  | #182 Runaway B | 4   |                      |
| 0109.bcand527   | 730      | 08:09    | 11:12:57.4 | +00:57:01 | 600 | 56   | 1.5  | #182 Runaway B | 4   |                      |
| 0110.COMP       | 10       | 08:22    | 11:12:57.4 | +00:57:01 | 600 | 56   | 1.5  | #182 Runaway B | 4   |                      |
| 0111.pg1209p263 | 360      | 08:24    | 12:12:13.1 | +26:00:02 | 600 | 70   | 1.5  | #182 Runaway B | 4   |                      |
| 0112.COMP       | 10       | 08:30    | 12:12:13.1 | +26:00:02 | 600 | 70   | 1.5  | #182 Runaway B | 4   |                      |
| 0113.bcand273   | 450      | 08:31    | 12:59:26.0 | +27:21:23 | 600 | 70   | 1.5  | #182 Runaway B | 4   |                      |
| 0114.COMP       | 10       | 08:39    | 12:59:26.0 | +27:21:23 | 600 | 70   | 1.5  | #182 Runaway B | 4   |                      |
| 0115.BDp332642  | 120      | 08:40    | 15:51:59.9 | +32:56:54 | 600 | 70   | 1.5  | #56 Spectropho | 4   |                      |
| 0116.COMP       | 10       | 08:42    | 15:51:59.9 | +32:56:54 | 600 | 70   | 1.5  | #56 Spectropho | 4   |                      |
| 0117.test       | 5        | 08:45    | 15:51:59.9 | +32:56:54 | 300 | 60   | 3.0  | #56 Spectropho | 4   | changing to 300 line |
| 0118.test       | 5        | 08:47    | 15:51:59.9 | +32:56:54 | 300 | 60   | 3.0  | #56 Spectropho | 4   |                      |
| 0119.BDp332642  | 120      | 08:49    | 15:51:59.9 | +32:56:54 | 300 | 60   | 3.0  | #56 Spectropho | 2   |                      |
| 0120.COMP       | 10       | 08:52    | 15:51:59.9 | +32:56:54 | 300 | 60   | 3.0  | #56 Spectropho | 2   |                      |
| 0121.sn2008bw   | 1800     | 08:55    | 18:26:50.5 | +51:08:17 | 300 | 60   | 3.0  | #2 SN Observat | 2   |                      |
| 0122.COMP       | 10       | 09:26    | 18:26:50.5 | +51:08:17 | 300 | 60   | 3.0  | #2 SN Observat | 2   |                      |
| 0123.DracoC1    | 1200     | 09:28    | 17:19:58.0 | +57:50:06 | 300 | 20   | 3.0  | #12 Symbiotic  | 2   |                      |
| 0124.COMP       | 10       | 09:49    | 17:19:58.0 | +57:50:06 | 300 | 20   | 3.0  | #12 Symbiotic  | 2   |                      |
| 0125.AGDra      | 45       | 09:51    | 16:01:41.0 | +66:48:10 | 300 | 20   | 3.0  | #12 Symbiotic  | 2   |                      |
| 0126.AGDra      | 15       | 09:52    | 16:01:41.0 | +66:48:10 | 300 | 20   | 3.0  | #12 Symbiotic  | 2   |                      |
| 0127.AGDra      | 2        | 09:52    | 16:01:41.0 | +66:48:10 | 300 | 20   | 3.0  | #12 Symbiotic  | 2   |                      |



UT Date 2008-05-04 Observers W BrownColl. Focus 1275 Grating/Grism 600

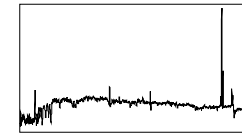
| <i>File</i>   | <i>Exp Time</i> | <i>UT Start</i> | <i>RA</i>  | <i>Dec</i> | <i>Gr.</i> | <i>P.A.</i> | <i>Slit</i> | <i>Program</i> | <i>Bin</i> | <i>Comments</i>      |
|---------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|----------------------|
| 0128.COMP     | 10              | 09:52           | 16:01:41.0 | +66:48:10  | 300        | 20          | 3.0         | #12 Symbiotic  | 2          |                      |
| 0129.sn2008bo | 1088            | 10:00           | 18:19:54.3 | +74:34:21  | 300        | 20          | 3.0         | #2 SN Observat | 2          |                      |
| 0130.COMP     | 10              | 10:19           | 18:19:54.3 | +74:34:21  | 300        | 20          | 3.0         | #2 SN Observat | 2          |                      |
| 0131.BFCyg    | 1               | 10:27           | 19:23:53.0 | +29:40:27  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                      |
| 0132.BFCyg    | 10              | 10:27           | 19:23:53.0 | +29:40:27  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                      |
| 0133.BFCyg    | 120             | 10:27           | 19:23:53.0 | +29:40:27  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          | REALTIME SYSTEM DOWN |

UT Date 2008-05-05 Observers W BrownColl. Focus 1310 Grating/Grism 300

| File           | Exp Time | UT Start | RA         | Dec       | Gr. | P.A. | Slit | Program        | Bin           | Comments              |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|---------------|-----------------------|
| 0001.DARK      | 900      | 19:26    | 02:29:47.1 | +31:28:21 | 300 | 90   | 3.0  | #12 Symbiotic  | 4 x5          |                       |
| 0002-0005.DARK | 900      | 20:27    | 02:29:47.1 | +31:28:21 | 300 | 90   | 3.0  | #12 Symbiotic  | 4             |                       |
| 0006.DARK      | 900      | 20:42    | 02:29:47.1 | +31:28:21 | 300 | 90   | 3.0  | #12 Symbiotic  | 2 x10         |                       |
| 0007-0015.DARK | 900      | 23:21    | 02:29:47.1 | +31:28:21 | 300 | 90   | 3.0  | #12 Symbiotic  | 2             |                       |
| 0016.BIAS      | 0        | 00:21    | 02:29:47.1 | +31:28:21 | 300 | 90   | 3.0  | #12 Symbiotic  | 2 x10         |                       |
| 0017-0025.BIAS | 0        | 00:23    | 02:29:47.1 | +31:28:21 | 300 | 90   | 3.0  | #12 Symbiotic  | 2             |                       |
| 0026.fastfoc   | 5        | 00:24    | 02:29:47.1 | +31:28:21 | 300 | 90   | 3.0  | #12 Symbiotic  | 4 x9 foc=1330 |                       |
| 0027.fastfoc   | 5        | 00:24    | 02:29:47.1 | +31:28:21 | 300 | 90   | 3.0  | #12 Symbiotic  | 4             |                       |
| 0028.fastfoc   | 5        | 00:24    | 02:29:47.1 | +31:28:21 | 300 | 90   | 3.0  | #12 Symbiotic  | 4             |                       |
| 0029.fastfoc   | 5        | 00:25    | 02:29:47.1 | +31:28:21 | 300 | 90   | 3.0  | #12 Symbiotic  | 4             |                       |
| 0030.fastfoc   | 5        | 00:25    | 02:29:47.1 | +31:28:21 | 300 | 90   | 3.0  | #12 Symbiotic  | 4             |                       |
| 0031.fastfoc   | 5        | 00:25    | 02:29:47.1 | +31:28:21 | 300 | 90   | 3.0  | #12 Symbiotic  | 4             |                       |
| 0032.fastfoc   | 5        | 00:25    | 02:29:47.1 | +31:28:21 | 300 | 90   | 3.0  | #12 Symbiotic  | 4             |                       |
| 0033.fastfoc   | 5        | 00:26    | 02:29:47.1 | +31:28:21 | 300 | 90   | 3.0  | #12 Symbiotic  | 4             |                       |
| 0034.fastfoc   | 5        | 00:26    | 02:29:47.1 | +31:28:21 | 300 | 90   | 3.0  | #12 Symbiotic  | 4             |                       |
| 0035.FLAT      | 25       | 00:29    | 02:29:47.1 | +31:28:21 | 300 | 90   | 3.0  | #12 Symbiotic  | 2 x15         |                       |
| 0036-0049.FLAT | 25       | 00:37    | 02:29:47.1 | +31:28:21 | 300 | 90   | 3.0  | #12 Symbiotic  | 2             |                       |
| 0050.HD84937   | 20       | 02:52    | 09:48:56.1 | +13:44:39 | 300 | 0    | 3.0  | #56 Spectropho | 2             | Clear and photometric |
| 0051.HD84937   | 20       | 02:53    | 09:48:56.1 | +13:44:39 | 300 | 0    | 3.0  | #56 Spectropho | 2             |                       |
| 0052.COMP      | 10       | 02:53    | 09:48:56.1 | +13:44:39 | 300 | 0    | 3.0  | #56 Spectropho | 2             |                       |

UT Date 2008-05-05 Observers W BrownColl. 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> |
|--------------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0053.Feige34       | 180             | 02:56           | 10:39:36.7 | +43:06:09  | 300        | 0           | 3.0         | #56 Spectropho | 2          |                 |
| 0054.Feige34       | 180             | 02:59           | 10:39:36.7 | +43:06:09  | 300        | 0           | 3.0         | #56 Spectropho | 2          |                 |
| 0055.COMP          | 10              | 03:03           | 10:39:36.7 | +43:06:09  | 300        | 0           | 3.0         | #56 Spectropho | 2          |                 |
| 0056.N3379         | 120             | 03:04           | 10:47:49.6 | +12:34:54  | 300        | 0           | 3.0         | #57 Velocity S | 2          |                 |
| 0057.COMP          | 10              | 03:06           | 10:47:49.6 | +12:34:54  | 300        | 0           | 3.0         | #57 Velocity S | 2          |                 |
| 0058.sn2008bt      | 1500            | 03:08           | 10:50:16.9 | -12:06:32  | 300        | 0           | 3.0         | #2 SN Observat | 2          |                 |
| 0059.COMP          | 10              | 03:33           | 10:50:16.9 | -12:06:32  | 300        | 0           | 3.0         | #2 SN Observat | 2          |                 |
| 0060.SDSS1003+0502 | 1200            | 03:36           | 10:03:34.7 | +05:02:32  | 300        | 30          | 3.0         | #165 Quasar Br | 2          |                 |
| 0061.COMP          | 10              | 03:56           | 10:03:34.7 | +05:02:32  | 300        | 30          | 3.0         | #165 Quasar Br | 2          |                 |
| 0062.SDSS1003+0502 | 1200            | 03:57           | 10:03:34.7 | +05:02:32  | 300        | 38          | 3.0         | #165 Quasar Br | 2          |                 |
| 0063.COMP          | 10              | 04:18           | 10:03:34.7 | +05:02:32  | 300        | 38          | 3.0         | #165 Quasar Br | 2          |                 |
| 0064.SDSS1003+0502 | 1200            | 04:18           | 10:03:34.7 | +05:02:32  | 300        | 44          | 3.0         | #165 Quasar Br | 2          |                 |
| 0065.COMP          | 10              | 04:39           | 10:03:34.7 | +05:02:32  | 300        | 44          | 3.0         | #2 SN Observat | 2          |                 |
| 0066.sn2008ar      | 1200            | 04:43           | 12:24:37.9 | +10:50:17  | 300        | 0           | 3.0         | #2 SN Observat | 2          |                 |
| 0067.COMP          | 10              | 05:04           | 12:24:37.9 | +10:50:17  | 300        | 0           | 3.0         | #2 SN Observat | 2          |                 |
| 0068.sn2008bz      | 1800            | 05:05           | 12:38:57.7 | +11:07:46  | 300        | 0           | 3.0         | #2 SN Observat | 2          |                 |
| 0069.COMP          | 10              | 05:36           | 12:38:57.7 | +11:07:46  | 300        | 0           | 3.0         | #2 SN Observat | 2          |                 |
| 0070.SDSS1334-0123 | 1200            | 05:38           | 13:34:28.1 | -01:23:49  | 300        | 0           | 3.0         | #165 Quasar Br | 2          |                 |
| 0071.COMP          | 10              | 05:59           | 13:34:28.1 | -01:23:49  | 300        | 0           | 3.0         | #165 Quasar Br | 2          |                 |
| 0072.SDSS1334-0123 | 1200            | 05:59           | 13:34:28.1 | -01:23:49  | 300        | 0           | 3.0         | #165 Quasar Br | 2          |                 |

UT Date 2008-05-05 Observers W BrownColl. 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> |
|--------------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0073.COMP          | 10              | 06:20           | 13:34:28.1 | -01:23:49  | 300        | 0           | 3.0         | #165 Quasar Br | 2          |                 |
| 0074.SDSS1334-0123 | 1200            | 06:21           | 13:34:28.1 | -01:23:49  | 300        | 10          | 3.0         | #165 Quasar Br | 2          |                 |
| 0075.COMP          | 10              | 06:41           | 13:34:28.1 | -01:23:49  | 300        | 10          | 3.0         | #165 Quasar Br | 2          |                 |
| 0076.SDSS1448+0424 | 1200            | 06:44           | 14:48:42.4 | +04:24:03  | 300        | -10         | 3.0         | #165 Quasar Br | 2          |                 |
| 0077.COMP          | 10              | 07:04           | 14:48:42.4 | +04:24:03  | 300        | -10         | 3.0         | #165 Quasar Br | 2          |                 |
| 0078.SDSS1448+0424 | 1200            | 07:05           | 14:48:42.4 | +04:24:03  | 300        | -1          | 3.0         | #165 Quasar Br | 2          |                 |
| 0079.COMP          | 10              | 07:26           | 14:48:42.4 | +04:24:03  | 300        | -1          | 3.0         | #165 Quasar Br | 2          |                 |
| 0080.SDSS1448+0424 | 1200            | 07:27           | 14:48:42.4 | +04:24:03  | 300        | 10          | 3.0         | #165 Quasar Br | 2          |                 |
| 0081.COMP          | 10              | 07:47           | 14:48:42.4 | +04:24:03  | 300        | 10          | 3.0         | #165 Quasar Br | 2          |                 |
| 0082.BDp262606     | 40              | 07:52           | 14:49:02.4 | +25:42:09  | 300        | 50          | 5.0         | #56 Spectropho | 2          | 5 arcsec slit   |
| 0083.BDp262606     | 40              | 07:53           | 14:49:02.4 | +25:42:09  | 300        | 50          | 5.0         | #56 Spectropho | 2          |                 |
| 0084.BDp262606     | 40              | 07:54           | 14:49:02.4 | +25:42:09  | 300        | 50          | 5.0         | #56 Spectropho | 2          |                 |
| 0085.BDp262606     | 40              | 07:55           | 14:49:02.4 | +25:42:09  | 300        | 50          | 5.0         | #56 Spectropho | 2          |                 |
| 0086.BDp262606     | 40              | 07:56           | 14:49:02.4 | +25:42:09  | 300        | 50          | 5.0         | #56 Spectropho | 2          |                 |
| 0087.COMP          | 5               | 07:57           | 14:49:02.4 | +25:42:09  | 300        | 50          | 5.0         | #56 Spectropho | 2          |                 |
| 0088.BDp332642     | 60              | 07:59           | 15:51:59.9 | +32:56:54  | 300        | 70          | 5.0         | #56 Spectropho | 2          |                 |
| 0089.BDp332642     | 60              | 08:00           | 15:51:59.9 | +32:56:54  | 300        | 70          | 5.0         | #56 Spectropho | 2          |                 |
| 0090.BDp332642     | 60              | 08:01           | 15:51:59.9 | +32:56:54  | 300        | 70          | 5.0         | #56 Spectropho | 2          |                 |
| 0091.BDp332642     | 60              | 08:02           | 15:51:59.9 | +32:56:54  | 300        | 70          | 5.0         | #56 Spectropho | 2          |                 |
| 0092.BDp332642     | 60              | 08:04           | 15:51:59.9 | +32:56:54  | 300        | 70          | 5.0         | #56 Spectropho | 2          |                 |

UT Date 2008-05-05 Observers W BrownColl. 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> |
|---------------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0093.COMP           | 5               | 08:05           | 15:51:59.9 | +32:56:54  | 300        | 70          | 5.0         | #56 Spectropho | 2          |                 |
| 0095.FLAT           | 15              | 08:06           | 15:51:59.9 | +32:56:54  | 300        | 70          | 5.0         | #56 Spectropho | 2          | x10             |
| 0096-0104.FLAT      | 15              | 08:10           | 15:51:59.9 | +32:56:54  | 300        | 70          | 5.0         | #56 Spectropho | 2          |                 |
| 0105.SDSS1328+5731  | 1200            | 08:14           | 13:28:01.3 | +57:31:13  | 300        | 110         | 3.0         | #165 Quasar Br | 2          |                 |
| 0106.COMP           | 10              | 08:35           | 13:28:01.3 | +57:31:13  | 300        | 110         | 3.0         | #165 Quasar Br | 2          |                 |
| 0107.SDSS1328+5731  | 1200            | 08:35           | 13:28:01.3 | +57:31:13  | 300        | 110         | 3.0         | #165 Quasar Br | 2          |                 |
| 0108.COMP           | 10              | 08:56           | 13:28:01.3 | +57:31:13  | 300        | 110         | 3.0         | #165 Quasar Br | 2          |                 |
| 0109.SDSS1328+5731  | 1200            | 08:56           | 13:28:01.3 | +57:31:13  | 300        | 110         | 3.0         | #165 Quasar Br | 2          |                 |
| 0110.COMP           | 10              | 09:17           | 13:28:01.3 | +57:31:13  | 300        | 110         | 3.0         | #165 Quasar Br | 2          |                 |
| 0111.SDSS1602+3807  | 1200            | 09:19           | 16:02:07.7 | +38:07:43  | 300        | 110         | 3.0         | #165 Quasar Br | 2          |                 |
| 0112.COMP           | 10              | 09:39           | 16:02:07.7 | +38:07:43  | 300        | 110         | 3.0         | #165 Quasar Br | 2          |                 |
| 0113.SDSS1602+3807  | 1200            | 09:41           | 16:02:07.7 | +38:07:43  | 300        | 110         | 3.0         | #165 Quasar Br | 2          |                 |
| 0114.COMP           | 10              | 10:02           | 16:02:07.7 | +38:07:43  | 300        | 110         | 3.0         | #165 Quasar Br | 2          |                 |
| 0115.SDSS1602+3807  | 1200            | 10:02           | 16:02:07.7 | +38:07:43  | 300        | 110         | 3.0         | #165 Quasar Br | 2          |                 |
| 0116.COMP           | 10              | 10:23           | 16:02:07.7 | +38:07:43  | 300        | 110         | 3.0         | #165 Quasar Br | 2          |                 |
| 0117.SDSSJ1525+1733 | 390             | 10:25           | 15:25:18.4 | +17:33:49  | 300        | 90          | 3.0         | #181 Populatio | 2          |                 |
| 0118.COMP           | 10              | 10:32           | 15:25:18.4 | +17:33:49  | 300        | 90          | 3.0         | #181 Populatio | 2          |                 |
| 0119.SDSSJ1532+2725 | 390             | 10:33           | 15:32:23.8 | +27:25:04  | 300        | 90          | 3.0         | #181 Populatio | 2          |                 |
| 0120.COMP           | 10              | 10:40           | 15:32:23.8 | +27:25:04  | 300        | 90          | 3.0         | #181 Populatio | 2          |                 |
| 0121.SDSSJ1539+1651 | 665             | 10:43           | 15:39:59.5 | +16:51:08  | 300        | 90          | 3.0         | #181 Populatio | 2          |                 |

UT Date 2008-05-05 Observers W BrownColl. 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> |
|---------------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0122.COMP           | 10              | 10:54           | 15:39:59.5 | +16:51:08  | 300        | 90          | 3.0         | #181 Populatio | 2          |                 |
| 0123.SDSSJ1544+2046 | 570             | 10:56           | 15:44:46.1 | +20:46:54  | 300        | 90          | 3.0         | #181 Populatio | 2          |                 |
| 0124.COMP           | 10              | 11:06           | 15:44:46.1 | +20:46:54  | 300        | 90          | 3.0         | #181 Populatio | 2          |                 |
| 0125.SDSSJ1530+3434 | 360             | 11:07           | 15:30:22.0 | +34:34:24  | 300        | 90          | 3.0         | #181 Populatio | 2          |                 |
| 0126.COMP           | 10              | 11:14           | 15:30:22.0 | +34:34:24  | 300        | 90          | 3.0         | #181 Populatio | 2          |                 |
| 0127.Hen1674        | 545             | 11:20           | 18:20:19.1 | -26:22:46  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0128.Hen1674        | 90              | 11:29           | 18:20:19.1 | -26:22:46  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0129.COMP           | 10              | 11:31           | 18:20:19.1 | -26:22:46  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0130.BFCyg          | 60              | 11:33           | 19:23:53.0 | +29:40:27  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0131.BFCyg          | 10              | 11:34           | 19:23:53.0 | +29:40:27  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0132.BFCyg          | 1               | 11:34           | 19:23:53.0 | +29:40:27  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0133.COMP           | 10              | 11:35           | 19:23:53.0 | +29:40:27  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0134.BIAS           | 0               | 11:36           | 19:23:53.0 | +29:40:27  | 300        | 90          | 3.0         | #165 Quasar Br | 2          | x10             |
| 0135-0143.BIAS      | 0               | 11:38           | 19:23:53.0 | +29:40:27  | 300        | 90          | 3.0         | #165 Quasar Br | 2          |                 |
| 0144.FLAT           | 25              | 11:41           | 19:23:53.0 | +29:40:27  | 300        | 90          | 3.0         | #165 Quasar Br | 2          | x15             |
| 0145-0158.FLAT      | 25              | 11:50           | 19:23:53.0 | +29:40:27  | 300        | 90          | 3.0         | #165 Quasar Br | 2          |                 |
| 0159-0168.DARK      | 900             | 14:18           | 19:23:53.0 | +29:40:27  | 300        | 90          | 3.0         | #165 Quasar Br | 2          |                 |

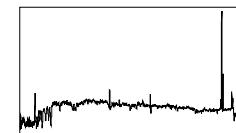
UT Date 2008-05-06 Observers P BerlindColl. Focus 1310 Grating/Grism 300

| File               | Exp Time | UT Start | RA         | Dec       | Gr. | P.A. | Slit | Program        | Bin | Comments |
|--------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0001-0010.BIAS     | 0        | 02:00    | 09:15:22.0 | +31:32:33 | 300 | 90   | 3.0  | #165 Quasar Br | 2   |          |
| 0011-0025.FLAT     | 25       | 02:09    | 09:15:22.0 | +31:32:33 | 300 | 90   | 3.0  | #165 Quasar Br | 2   |          |
| 0026-0030.sky      | 3        | 02:18    | 09:50:00.0 | +32:00:00 | 300 | 90   | 3.0  | #57 Velocity S | 2   |          |
| 0031.COMP          | 10       | 02:18    | 09:50:00.0 | +32:00:00 | 300 | 90   | 3.0  | #57 Velocity S | 2   |          |
| 0032.sn2008bj      | 1800     | 04:23    | 11:51:47.8 | +46:52:30 | 300 | 0    | 3.0  | #2 SN Observat | 2   |          |
| 0033.COMP          | 10       | 04:54    | 11:51:47.8 | +46:52:30 | 300 | 0    | 3.0  | #2 SN Observat | 2   |          |
| 0034.SDSS1328+5731 | 1200     | 04:57    | 13:28:01.3 | +57:31:13 | 300 | 20   | 3.0  | #165 Quasar Br | 2   |          |
| 0035.COMP          | 10       | 05:17    | 13:28:01.3 | +57:31:13 | 300 | 20   | 3.0  | #165 Quasar Br | 2   |          |
| 0036.SDSS1328+5731 | 1200     | 05:18    | 13:28:01.3 | +57:31:13 | 300 | 5    | 3.0  | #165 Quasar Br | 2   |          |
| 0037.COMP          | 10       | 05:39    | 13:28:01.3 | +57:31:13 | 300 | 5    | 3.0  | #165 Quasar Br | 2   |          |
| 0038.SDSS1328+5731 | 1200     | 05:40    | 13:28:01.3 | +57:31:13 | 300 | 1    | 3.0  | #165 Quasar Br | 2   |          |
| 0039.COMP          | 10       | 06:00    | 13:28:01.3 | +57:31:13 | 300 | 1    | 3.0  | #165 Quasar Br | 2   |          |
| 0040.SDSS1334-0123 | 1200     | 06:04    | 13:34:28.1 | -01:23:49 | 300 | 5    | 3.0  | #165 Quasar Br | 2   |          |
| 0041.COMP          | 10       | 06:24    | 13:34:28.1 | -01:23:49 | 300 | 5    | 3.0  | #165 Quasar Br | 2   |          |
| 0042.SDSS1334-0123 | 1200     | 06:25    | 13:34:28.1 | -01:23:49 | 300 | 13   | 3.0  | #165 Quasar Br | 2   |          |
| 0043.COMP          | 10       | 06:46    | 13:34:28.1 | -01:23:49 | 300 | 13   | 3.0  | #165 Quasar Br | 2   |          |
| 0044.SDSS1334-0123 | 1200     | 06:47    | 13:34:28.1 | -01:23:49 | 300 | 23   | 3.0  | #165 Quasar Br | 2   |          |
| 0045.COMP          | 10       | 07:08    | 13:34:28.1 | -01:23:49 | 300 | 23   | 3.0  | #165 Quasar Br | 2   |          |
| 0046.SDSS1437+0428 | 1200     | 07:10    | 14:37:52.8 | +04:28:55 | 300 | 5    | 3.0  | #165 Quasar Br | 2   |          |
| 0047.COMP          | 10       | 07:31    | 14:37:52.8 | +04:28:55 | 300 | 5    | 3.0  | #165 Quasar Br | 2   |          |

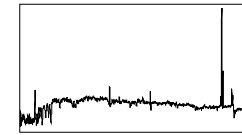
UT Date 2008-05-06 Observers P BerlindColl. Focus 1310 Grating/Grism 300

| <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> |
|--------------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0048.SDSS1437+0428 | 1200            | 07:32           | 14:37:52.8 | +04:28:55  | 300        | 16          | 3.0         | #165 Quasar Br | 2          |                 |
| 0049.COMP          | 10              | 07:53           | 14:37:52.8 | +04:28:55  | 300        | 16          | 3.0         | #165 Quasar Br | 2          |                 |
| 0050.SDSS1437+0428 | 1200            | 07:54           | 14:37:52.8 | +04:28:55  | 300        | 25          | 3.0         | #165 Quasar Br | 2          |                 |
| 0051.COMP          | 10              | 08:14           | 14:37:52.8 | +04:28:55  | 300        | 25          | 3.0         | #165 Quasar Br | 2          |                 |
| 0052.SDSS1448+0424 | 1200            | 08:17           | 14:48:42.4 | +04:24:03  | 300        | 33          | 3.0         | #165 Quasar Br | 2          |                 |
| 0053.COMP          | 10              | 08:37           | 14:48:42.4 | +04:24:03  | 300        | 33          | 3.0         | #165 Quasar Br | 2          |                 |
| 0054.SDSS1448+0424 | 1200            | 08:39           | 14:48:42.4 | +04:24:03  | 300        | 37          | 3.0         | #165 Quasar Br | 2          |                 |
| 0055.COMP          | 10              | 08:59           | 14:48:42.4 | +04:24:03  | 300        | 37          | 3.0         | #165 Quasar Br | 2          |                 |
| 0056.SDSS1448+0424 | 1200            | 09:01           | 14:48:42.4 | +04:24:03  | 300        | 37          | 3.0         | #165 Quasar Br | 2          |                 |
| 0057.COMP          | 10              | 09:21           | 14:48:42.4 | +04:24:03  | 300        | 37          | 3.0         | #165 Quasar Br | 2          |                 |
| 0058.BDp262606     | 60              | 09:23           | 14:49:02.4 | +25:42:09  | 300        | 72          | 3.0         | #56 Spectropho | 2          |                 |
| 0059.BDp262606     | 60              | 09:24           | 14:49:02.4 | +25:42:09  | 300        | 72          | 3.0         | #56 Spectropho | 2          |                 |
| 0060.BDp262606     | 60              | 09:25           | 14:49:02.4 | +25:42:09  | 300        | 72          | 3.0         | #56 Spectropho | 2          |                 |
| 0061.COMP          | 10              | 09:27           | 14:49:02.4 | +25:42:09  | 300        | 72          | 3.0         | #56 Spectropho | 2          |                 |
| 0062.BDp332642     | 120             | 09:29           | 15:51:59.9 | +32:56:54  | 300        | 91          | 3.0         | #56 Spectropho | 2          |                 |
| 0063.BDp332642     | 120             | 09:31           | 15:51:59.9 | +32:56:54  | 300        | 91          | 3.0         | #56 Spectropho | 2          |                 |
| 0064.COMP          | 10              | 09:33           | 15:51:59.9 | +32:56:54  | 300        | 91          | 3.0         | #56 Spectropho | 2          |                 |
| 0065.sn2008bx      | 1200            | 09:36           | 14:54:39.0 | +42:01:23  | 300        | 97          | 3.0         | #2 SN Observat | 2          |                 |
| 0066.COMP          | 10              | 09:56           | 14:54:39.0 | +42:01:23  | 300        | 97          | 3.0         | #2 SN Observat | 2          |                 |
| 0067.SDSS1602+3807 | 1200            | 09:58           | 16:02:07.7 | +38:07:43  | 300        | 100         | 3.0         | #165 Quasar Br | 2          |                 |

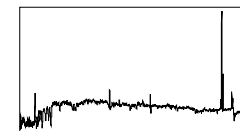


UT Date 2008-05-06 Observers P BerlindColl. Focus 1310 Grating/Grism 300

| <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> |
|-----------------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0068.COMP             | 10              | 10:19           | 16:02:07.7 | +38:07:43  | 300        | 100         | 3.0         | #165 Quasar Br | 2          |                 |
| 0069.SDSS1602+3807    | 1200            | 10:20           | 16:02:07.7 | +38:07:43  | 300        | 95          | 3.0         | #165 Quasar Br | 2          |                 |
| 0070.COMP             | 10              | 10:41           | 16:02:07.7 | +38:07:43  | 300        | 95          | 3.0         | #165 Quasar Br | 2          |                 |
| 0071.SDSS1602+3807    | 1200            | 10:41           | 16:02:07.7 | +38:07:43  | 300        | 92          | 3.0         | #165 Quasar Br | 2          |                 |
| 0072.COMP             | 10              | 11:02           | 16:02:07.7 | +38:07:43  | 300        | 92          | 3.0         | #165 Quasar Br | 2          |                 |
| 0073.19322688-1344366 | 420             | 11:05           | 19:32:26.9 | -13:44:37  | 300        | 92          | 3.0         | #141 Mapping t | 2          |                 |
| 0074.COMP             | 10              | 11:12           | 19:32:26.9 | -13:44:37  | 300        | 92          | 3.0         | #141 Mapping t | 2          |                 |
| 0075.19564581-1207335 | 300             | 11:13           | 19:56:45.8 | -12:07:33  | 300        | 92          | 3.0         | #141 Mapping t | 2          |                 |
| 0076.COMP             | 10              | 11:18           | 19:56:45.8 | -12:07:33  | 300        | 92          | 3.0         | #141 Mapping t | 2          |                 |
| 0077-0086.BIAS        | 0               | 11:24           | 19:56:45.8 | -12:07:33  | 300        | 90          | 3.0         | #165 Quasar Br | 2          |                 |
| 0087-0101.FLAT        | 25              | 11:33           | 19:56:45.8 | -12:07:33  | 300        | 90          | 3.0         | #165 Quasar Br | 2          |                 |
| 0102-0106.DARK        | 900             | 12:46           | 19:56:45.8 | -12:07:33  | 300        | 90          | 3.0         | #165 Quasar Br | 2          |                 |

UT Date 2008-05-07 Observers P BerlindColl. Focus 1310 Grating/Grism 300

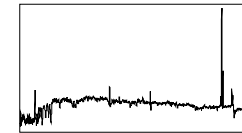
| <i>File</i>        | <i>Exp Time</i> | <i>UT Start</i> | <i>RA</i>  | <i>Dec</i> | <i>Gr.</i> | <i>P.A.</i> | <i>Slit</i> | <i>Program</i> | <i>Bin</i> | <i>Comments</i> |
|--------------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0001-0005.DARK     | 900             | 00:44           | 19:56:45.8 | -12:07:33  | 300        | 90          | 3.0         | #165 Quasar Br | 2          |                 |
| 0006-0020.BIAS     | 0               | 01:59           | 19:56:45.8 | -12:07:33  | 300        | 90          | 3.0         | #165 Quasar Br | 2          |                 |
| 0021-0035.FLAT     | 25              | 02:08           | 19:56:45.8 | -12:07:33  | 300        | 90          | 3.0         | #165 Quasar Br | 2          |                 |
| 0036-0040.sky      | 3               | 02:18           | 09:50:00.0 | +32:00:00  | 300        | 90          | 3.0         | #57 Velocity S | 2          |                 |
| 0041.COMP          | 10              | 02:19           | 09:50:00.0 | +32:00:00  | 300        | 90          | 3.0         | #57 Velocity S | 2          |                 |
| 0042.HD84937       | 25              | 03:17           | 09:48:56.1 | +13:44:39  | 300        | 38          | 3.0         | #56 Spectropho | 2          |                 |
| 0043.HD84937       | 25              | 03:18           | 09:48:56.1 | +13:44:39  | 300        | 38          | 3.0         | #56 Spectropho | 2          |                 |
| 0044.HD84937       | 25              | 03:18           | 09:48:56.1 | +13:44:39  | 300        | 38          | 3.0         | #56 Spectropho | 2          |                 |
| 0045.COMP          | 10              | 03:19           | 09:48:56.1 | +13:44:39  | 300        | 38          | 3.0         | #56 Spectropho | 2          |                 |
| 0046.Feige34       | 210             | 03:23           | 10:39:36.7 | +43:06:09  | 300        | 0           | 3.0         | #56 Spectropho | 2          |                 |
| 0047.Feige34       | 210             | 03:27           | 10:39:36.7 | +43:06:09  | 300        | 0           | 3.0         | #56 Spectropho | 2          |                 |
| 0048.COMP          | 10              | 03:31           | 10:39:36.7 | +43:06:09  | 300        | 0           | 3.0         | #56 Spectropho | 2          |                 |
| 0049.SDSS1003+0502 | 1200            | 03:39           | 10:03:34.7 | +05:02:32  | 300        | 35          | 3.0         | #165 Quasar Br | 2          |                 |
| 0050.COMP          | 10              | 04:00           | 10:03:34.7 | +05:02:32  | 300        | 35          | 3.0         | #165 Quasar Br | 2          |                 |
| 0051.SDSS1003+0502 | 1200            | 04:01           | 10:03:34.7 | +05:02:32  | 300        | 35          | 3.0         | #165 Quasar Br | 2          | poor seeing     |
| 0052.COMP          | 10              | 04:21           | 10:03:34.7 | +05:02:32  | 300        | 35          | 3.0         | #165 Quasar Br | 2          |                 |
| 0053.SDSS1003+0502 | 1200            | 04:22           | 10:03:34.7 | +05:02:32  | 300        | 44          | 3.0         | #165 Quasar Br | 2          |                 |
| 0054.COMP          | 10              | 04:43           | 10:03:34.7 | +05:02:32  | 300        | 44          | 3.0         | #165 Quasar Br | 2          |                 |
| 0055.SDSS1328+5731 | 1200            | 04:47           | 13:28:01.3 | +57:31:13  | 300        | 22          | 3.0         | #165 Quasar Br | 2          |                 |
| 0056.COMP          | 10              | 05:08           | 13:28:01.3 | +57:31:13  | 300        | 22          | 3.0         | #165 Quasar Br | 2          |                 |

UT Date 2008-05-07 Observers P BerlindColl. Focus 1310 Grating/Grism 300

| File               | Exp Time | UT Start | RA         | Dec       | Gr. | P.A. | Slit | Program        | Bin | Comments    |
|--------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|-------------|
| 0057.SDSS1328+5731 | 1200     | 05:10    | 13:28:01.3 | +57:31:13 | 300 | 14   | 3.0  | #165 Quasar Br | 2   |             |
| 0058.COMP          | 10       | 05:31    | 13:28:01.3 | +57:31:13 | 300 | 14   | 3.0  | #165 Quasar Br | 2   |             |
| 0059.SDSS1328+5731 | 1200     | 05:32    | 13:28:01.3 | +57:31:13 | 300 | 5    | 3.0  | #165 Quasar Br | 2   |             |
| 0060.COMP          | 10       | 05:53    | 13:28:01.3 | +57:31:13 | 300 | 5    | 3.0  | #165 Quasar Br | 2   |             |
| 0061.SDSS1334-0123 | 1200     | 05:55    | 13:34:28.1 | -01:23:49 | 300 | 5    | 3.0  | #165 Quasar Br | 2   |             |
| 0062.COMP          | 10       | 06:16    | 13:34:28.1 | -01:23:49 | 300 | 5    | 3.0  | #165 Quasar Br | 2   |             |
| 0063.SDSS1334-0123 | 1200     | 06:17    | 13:34:28.1 | -01:23:49 | 300 | 12   | 3.0  | #165 Quasar Br | 2   |             |
| 0064.COMP          | 10       | 06:38    | 13:34:28.1 | -01:23:49 | 300 | 12   | 3.0  | #165 Quasar Br | 2   |             |
| 0065.SDSS1334-0123 | 1200     | 06:40    | 13:34:28.1 | -01:23:49 | 300 | 19   | 3.0  | #165 Quasar Br | 2   |             |
| 0066.COMP          | 10       | 07:01    | 13:34:28.1 | -01:23:49 | 300 | 19   | 3.0  | #165 Quasar Br | 2   |             |
| 0067.SDSS1448+0424 | 1200     | 07:03    | 14:48:42.4 | +04:24:03 | 300 | 2    | 3.0  | #165 Quasar Br | 2   |             |
| 0068.COMP          | 10       | 07:23    | 14:48:42.4 | +04:24:03 | 300 | 2    | 3.0  | #165 Quasar Br | 2   |             |
| 0069.SDSS1448+0424 | 1200     | 07:24    | 14:48:42.4 | +04:24:03 | 300 | 15   | 3.0  | #165 Quasar Br | 2   | poor seeing |
| 0070.COMP          | 10       | 07:45    | 14:48:42.4 | +04:24:03 | 300 | 15   | 3.0  | #165 Quasar Br | 2   |             |
| 0071.SDSS1448+0424 | 1200     | 07:46    | 14:48:42.4 | +04:24:03 | 300 | 19   | 3.0  | #165 Quasar Br | 2   |             |
| 0072.COMP          | 10       | 08:06    | 14:48:42.4 | +04:24:03 | 300 | 19   | 3.0  | #165 Quasar Br | 2   |             |
| 0073.BDp332642     | 120      | 08:09    | 15:51:59.9 | +32:56:54 | 300 | 90   | 3.0  | #56 Spectropho | 2   |             |
| 0074.BDp332642     | 120      | 08:11    | 15:51:59.9 | +32:56:54 | 300 | 90   | 3.0  | #56 Spectropho | 2   |             |
| 0075.COMP          | 10       | 08:14    | 15:51:59.9 | +32:56:54 | 300 | 90   | 3.0  | #56 Spectropho | 2   |             |
| 0076.N4853         | 240      | 08:15    | 12:58:35.2 | +27:35:47 | 300 | 90   | 3.0  | #57 Velocity S | 2   |             |

UT Date 2008-05-07 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> |
|-----------------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0077.COMP             | 10              | 08:19           | 12:58:35.2 | +27:35:47  | 300        | 90          | 3.0         | #57 Velocity S | 2          |                 |
| 0078.AGDra            | 3               | 08:21           | 16:01:41.0 | +66:48:10  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0079.AGDra            | 10              | 08:22           | 16:01:41.0 | +66:48:10  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0080.AGDra            | 45              | 08:22           | 16:01:41.0 | +66:48:10  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0081.COMP             | 10              | 08:23           | 16:01:41.0 | +66:48:10  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0082.SDSS1602+3807    | 1200            | 08:26           | 16:02:07.7 | +38:07:43  | 300        | 0           | 3.0         | #165 Quasar Br | 2          |                 |
| 0083.COMP             | 10              | 08:47           | 16:02:07.7 | +38:07:43  | 300        | 0           | 3.0         | #165 Quasar Br | 2          |                 |
| 0084.SDSS1602+3807    | 1200            | 08:48           | 16:02:07.7 | +38:07:43  | 300        | 0           | 3.0         | #165 Quasar Br | 2          |                 |
| 0085.COMP             | 10              | 09:08           | 16:02:07.7 | +38:07:43  | 300        | 0           | 3.0         | #165 Quasar Br | 2          |                 |
| 0086.SDSS1602+3807    | 1200            | 09:09           | 16:02:07.7 | +38:07:43  | 300        | 0           | 3.0         | #165 Quasar Br | 2          |                 |
| 0087.COMP             | 10              | 09:29           | 16:02:07.7 | +38:07:43  | 300        | 0           | 3.0         | #165 Quasar Br | 2          |                 |
| 0088.17155229-2441492 | 1200            | 09:33           | 17:15:52.3 | -24:41:49  | 300        | 0           | 3.0         | #141 Mapping t | 2          | ok              |
| 0089.COMP             | 10              | 09:54           | 17:15:52.3 | -24:41:49  | 300        | 0           | 3.0         | #141 Mapping t | 2          |                 |
| 0090.17164477-2436264 | 1200            | 09:55           | 17:16:44.8 | -24:36:26  | 300        | 0           | 3.0         | #141 Mapping t | 2          |                 |
| 0091.COMP             | 10              | 10:15           | 17:16:44.8 | -24:36:26  | 300        | 0           | 3.0         | #141 Mapping t | 2          |                 |
| 0092.17243722-1853229 | 1200            | 10:21           | 17:24:37.2 | -18:53:23  | 300        | 0           | 3.0         | #141 Mapping t | 2          |                 |
| 0093.COMP             | 10              | 10:41           | 17:24:37.2 | -18:53:23  | 300        | 0           | 3.0         | #141 Mapping t | 2          |                 |
| 0094.17281650-1936157 | 1200            | 10:42           | 17:28:16.5 | -19:36:16  | 300        | 0           | 3.0         | #141 Mapping t | 2          |                 |
| 0095.COMP             | 10              | 11:03           | 17:28:16.5 | -19:36:16  | 300        | 0           | 3.0         | #141 Mapping t | 2          |                 |
| 0096.AS338            | 90              | 11:04           | 19:03:47.0 | +16:26:17  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |

UT Date 2008-05-07 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>             |
|-------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------------------|
| 0097.AS338  | 420             | 11:06           | 19:03:47.0 | +16:26:17  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                             |
| 0098.COMP   | 10              | 11:14           | 19:03:47.0 | +16:26:17  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          | rtsystem locked up, and won |

UT Date 2008-05-08 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        | 02:35    | 10:13:53.6 | +31:32:59 | 300 | 90   | 3.0  | #141 Mapping t | 2   |                  |
| 0011-0030.FLAT | 25       | 03:23    | 10:13:53.6 | +31:32:59 | 300 | 90   | 3.0  | #141 Mapping t | 2   |                  |
| 0031.HD84937   | 13       | 03:29    | 09:48:56.1 | +13:44:39 | 300 | 42   | 3.0  | #56 Spectropho | 2   |                  |
| 0032.HD84937   | 13       | 03:30    | 09:48:56.1 | +13:44:39 | 300 | 42   | 3.0  | #56 Spectropho | 2   |                  |
| 0033.HD84937   | 13       | 03:30    | 09:48:56.1 | +13:44:39 | 300 | 42   | 3.0  | #56 Spectropho | 2   |                  |
| 0034.COMP      | 12       | 03:31    | 09:48:56.1 | +13:44:39 | 300 | 42   | 3.0  | #56 Spectropho | 2   |                  |
| 0035.Feige34   | 120      | 03:34    | 10:39:36.7 | +43:06:09 | 300 | -28  | 3.0  | #56 Spectropho | 2   |                  |
| 0036.COMP      | 12       | 03:37    | 10:39:36.7 | +43:06:09 | 300 | -28  | 3.0  | #56 Spectropho | 2   |                  |
| 0037.sn2008bt  | 1500     | 03:40    | 10:50:16.9 | -12:06:32 | 300 | 9    | 3.0  | #2 SN Observat | 2   |                  |
| 0038.COMP      | 12       | 04:06    | 10:50:16.9 | -12:06:32 | 300 | 9    | 3.0  | #2 SN Observat | 2   |                  |
| 0039.sn2008bn  | 1800     | 04:10    | 12:16:25.5 | +47:01:41 | 300 | 20   | 3.0  | #2 SN Observat | 2   |                  |
| 0040.COMP      | 12       | 04:41    | 12:16:25.5 | +47:01:41 | 300 | 20   | 3.0  | #2 SN Observat | 2   |                  |
| 0041.cirsz005  | 300      | 04:50    | 10:16:23.7 | -00:04:56 | 300 | 90   | 3.0  | #172f SDSS Clu | 2   | need more counts |
| 0042.COMP      | 12       | 04:56    | 10:16:23.7 | -00:04:56 | 300 | 90   | 3.0  | #172f SDSS Clu | 2   |                  |
| 0043.cirsz005  | 540      | 04:56    | 10:16:23.7 | -00:04:56 | 300 | 90   | 3.0  | #172f SDSS Clu | 2   |                  |
| 0044.COMP      | 12       | 05:06    | 10:16:23.7 | -00:04:56 | 300 | 90   | 3.0  | #172f SDSS Clu | 2   |                  |
| 0045.cirsz015  | 480      | 05:08    | 12:18:53.0 | +03:03:53 | 300 | 90   | 3.0  | #172f SDSS Clu | 2   |                  |
| 0046.COMP      | 12       | 05:16    | 12:18:53.0 | +03:03:53 | 300 | 90   | 3.0  | #172f SDSS Clu | 2   |                  |
| 0047.cirsz001  | 900      | 05:20    | 10:12:40.8 | +40:34:37 | 300 | 90   | 3.0  | #172f SDSS Clu | 2   |                  |
| 0048.COMP      | 12       | 05:35    | 10:12:40.8 | +40:34:37 | 300 | 90   | 3.0  | #172f SDSS Clu | 2   |                  |

UT Date 2008-05-08 Observers M CalkinsColl. 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> |
|---------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0049.cirsz016 | 300             | 05:37           | 12:20:21.9 | +04:20:43  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0050.COMP     | 12              | 05:43           | 12:20:21.9 | +04:20:43  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0051.sn2008bf | 1500            | 07:04           | 12:04:02.9 | +20:14:43  | 300        | 64          | 3.0         | #2 SN Observat | 2          |                 |
| 0052.COMP     | 12              | 07:33           | 12:04:02.9 | +20:14:43  | 300        | 64          | 3.0         | #2 SN Observat | 2          |                 |
| 0053.sn2008ax | 1200            | 07:36           | 12:30:40.8 | +41:38:15  | 300        | 93          | 3.0         | #2 SN Observat | 2          |                 |
| 0054.COMP     | 12              | 07:57           | 12:30:40.8 | +41:38:15  | 300        | 93          | 3.0         | #2 SN Observat | 2          |                 |
| 0055.sn2008cg | 1200            | 08:06           | 15:54:15.1 | +10:58:25  | 300        | -5          | 3.0         | #2 SN Observat | 2          |                 |
| 0056.COMP     | 12              | 08:27           | 15:54:15.1 | +10:58:25  | 300        | -5          | 3.0         | #2 SN Observat | 2          |                 |
| 0057.cirsz078 | 720             | 08:30           | 16:56:05.1 | +34:03:00  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0058.COMP     | 12              | 08:43           | 16:56:05.1 | +34:03:00  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0059.cirsz079 | 1200            | 08:45           | 16:56:15.5 | +32:39:15  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0060.COMP     | 12              | 09:05           | 16:56:15.5 | +32:39:15  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0061.cirsz080 | 1020            | 09:07           | 16:56:30.3 | +32:54:05  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0062.COMP     | 12              | 09:25           | 16:56:30.3 | +32:54:05  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0063.cirsz081 | 900             | 09:27           | 16:57:22.2 | +63:54:32  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0064.COMP     | 12              | 09:44           | 16:57:22.2 | +63:54:32  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0065.cirsz082 | 600             | 09:45           | 16:58:52.2 | +63:10:46  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0066.COMP     | 12              | 09:56           | 16:58:52.2 | +63:10:46  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0067.cirsz110 | 480             | 09:58           | 17:09:29.1 | +34:28:11  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0068.COMP     | 12              | 10:07           | 17:09:29.1 | +34:28:11  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |

UT Date 2008-05-08 Observers M CalkinsColl. 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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0069.cirsz111  | 480             | 10:09           | 17:09:32.1 | +34:26:22  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0070.COMP      | 12              | 10:17           | 17:09:32.1 | +34:26:22  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0071.cirsz112  | 720             | 10:20           | 17:09:32.6 | +34:30:59  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0072.COMP      | 12              | 10:33           | 17:09:32.6 | +34:30:59  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0073.cirsz113  | 1200            | 10:35           | 17:09:34.8 | +35:20:47  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0074.COMP      | 12              | 10:55           | 17:09:34.8 | +35:20:47  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0075.sn2008bo  | 1500            | 11:02           | 18:19:54.3 | +74:34:21  | 300        | -8          | 3.0         | #2 SN Observat | 2          |                 |
| 0076.COMP      | 12              | 11:28           | 18:19:54.3 | +74:34:21  | 300        | -8          | 3.0         | #2 SN Observat | 2          |                 |
| 0077-0086.BIAS | 0               | 11:34           | 18:19:54.3 | +74:34:21  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0087-0106.FLAT | 25              | 11:48           | 18:19:54.3 | +74:34:21  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0107-0116.DARK | 900             | 14:08           | 18:19:54.3 | +74:34:21  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |



UT Date 2008-05-09 Observers M CalkinsColl. 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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0001.BIAS      | 0               | 02:03           | 09:37:26.8 | +31:39:04  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0002.COMP      | 5               | 02:04           | 09:37:26.8 | +31:39:04  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0003.COMP      | 5               | 02:08           | 09:37:26.8 | +31:39:04  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0004.COMP      | 5               | 02:10           | 09:37:26.8 | +31:39:04  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0005.COMP      | 5               | 02:12           | 09:37:26.8 | +31:39:04  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0006.COMP      | 5               | 02:13           | 09:37:26.8 | +31:39:04  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0007-0014.DARK | 900             | 07:01           | 12:54:43.7 | -17:54:55  | 300        | 90          | 3.0         | #57 Velocity S | 2          |                 |
| 0015-0024.BIAS | 0               | 07:19           | 12:54:43.7 | -17:54:55  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0025-0044.FLAT | 25              | 07:31           | 12:54:43.7 | -17:54:55  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0045.BDp332642 | 180             | 07:39           | 15:51:59.9 | +32:56:54  | 300        | 81          | 3.0         | #56 Spectropho | 2          |                 |
| 0046.COMP      | 12              | 07:43           | 15:51:59.9 | +32:56:54  | 300        | 81          | 3.0         | #56 Spectropho | 2          |                 |
| 0047.N5548     | 180             | 08:13           | 14:17:59.6 | +25:08:12  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                 |
| 0048.N5548     | 180             | 08:16           | 14:17:59.6 | +25:08:12  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                 |
| 0049.COMP      | 12              | 08:20           | 14:17:59.6 | +25:08:12  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                 |
| 0050.TCrB      | 15              | 08:23           | 15:59:30.0 | +25:55:12  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0051.TCrB      | 60              | 08:23           | 15:59:30.0 | +25:55:12  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0052.COMP      | 12              | 08:25           | 15:59:30.0 | +25:55:12  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0053.AGDra     | 2               | 08:28           | 16:01:41.0 | +66:48:10  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0054.AGDra     | 15              | 08:28           | 16:01:41.0 | +66:48:10  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0055.AGDra     | 45              | 08:29           | 16:01:41.0 | +66:48:10  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |

UT Date 2008-05-09 Observers M CalkinsColl. 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> |
|------------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0056.COMP        | 12              | 08:30           | 16:01:41.0 | +66:48:10  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0057.hecsfast005 | 600             | 08:34           | 15:00:52.8 | +20:52:39  | 300        | 90          | 3.0         | #172 SDSS Clus | 2          |                 |
| 0058.COMP        | 12              | 08:44           | 15:00:52.8 | +20:52:39  | 300        | 90          | 3.0         | #172 SDSS Clus | 2          |                 |
| 0059.hecsfast006 | 1200            | 08:46           | 14:59:41.6 | +21:48:54  | 300        | 90          | 3.0         | #172 SDSS Clus | 2          |                 |
| 0060.COMP        | 12              | 09:07           | 14:59:41.6 | +21:48:54  | 300        | 90          | 3.0         | #172 SDSS Clus | 2          |                 |
| 0061.hecsfast007 | 780             | 09:09           | 15:00:03.5 | +21:26:37  | 300        | 90          | 3.0         | #172 SDSS Clus | 2          |                 |
| 0062.COMP        | 12              | 09:23           | 15:00:03.5 | +21:26:37  | 300        | 90          | 3.0         | #172 SDSS Clus | 2          |                 |
| 0063.hecsfast008 | 600             | 09:24           | 15:01:31.4 | +21:25:57  | 300        | 90          | 3.0         | #172 SDSS Clus | 2          |                 |
| 0064.COMP        | 12              | 09:34           | 15:01:31.4 | +21:25:57  | 300        | 90          | 3.0         | #172 SDSS Clus | 2          |                 |
| 0065.hecsfast008 | 660             | 09:36           | 15:01:31.4 | +21:25:57  | 300        | 90          | 3.0         | #172 SDSS Clus | 2          | clouds          |
| 0066.COMP        | 12              | 09:48           | 15:01:31.4 | +21:25:57  | 300        | 90          | 3.0         | #172 SDSS Clus | 2          |                 |
| 0067.BDp332642   | 120             | 10:22           | 15:51:59.9 | +32:56:54  | 300        | 83          | 3.0         | #56 Spectropho | 2          |                 |
| 0068.COMP        | 12              | 10:25           | 15:51:59.9 | +32:56:54  | 300        | 83          | 3.0         | #56 Spectropho | 2          |                 |
| 0069.hecsfast018 | 1080            | 10:31           | 15:01:13.3 | +21:00:22  | 300        | 90          | 3.0         | #172 SDSS Clus | 2          |                 |
| 0070.COMP        | 12              | 10:50           | 15:01:13.3 | +21:00:22  | 300        | 90          | 3.0         | #172 SDSS Clus | 2          |                 |
| 0071.hecsfast019 | 720             | 10:51           | 15:01:51.2 | +21:05:09  | 300        | 95          | 3.0         | #172 SDSS Clus | 2          |                 |
| 0072.COMP        | 12              | 11:03           | 15:01:51.2 | +21:05:09  | 300        | 95          | 3.0         | #172 SDSS Clus | 2          |                 |
| 0073.hecsfast020 | 900             | 11:04           | 15:02:04.2 | +21:05:58  | 300        | 95          | 3.0         | #172 SDSS Clus | 2          |                 |
| 0074.COMP        | 12              | 11:20           | 15:02:04.2 | +21:05:58  | 300        | 95          | 3.0         | #172 SDSS Clus | 2          |                 |
| 0075.BDp284211   | 70              | 11:24           | 21:51:11.0 | +28:51:50  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |



UT Date 2008-05-09 Observers M Calkins

Coll. 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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0076.COMP      | 12              | 11:26           | 21:51:11.0 | +28:51:50  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0077-0086.BIAS | 0               | 11:37           | 18:42:09.0 | +79:46:17  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0087-0106.FLAT | 25              | 11:49           | 18:42:09.0 | +79:46:17  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0107-0116.DARK | 900             | 14:13           | 18:42:09.0 | +79:46:17  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |

UT Date 2008-05-10 Observers M CalkinsColl. 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> |
|------------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0001-0010.DARK   | 900             | 01:37           | 06:59:30.4 | +31:31:08  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0011-0020.BIAS   | 0               | 01:55           | 06:59:30.4 | +31:31:08  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0021-0040.FLAT   | 25              | 02:11           | 06:59:30.4 | +31:31:08  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0041.Feige34     | 120             | 03:06           | 10:39:36.7 | +43:06:09  | 300        | -14         | 3.0         | #56 Spectropho | 2          |                 |
| 0042.COMP        | 12              | 03:08           | 10:39:36.7 | +43:06:09  | 300        | -14         | 3.0         | #56 Spectropho | 2          |                 |
| 0043.SuminStar   | 360             | 03:11           | 08:35:53.1 | +20:55:08  | 300        | 90          | 3.0         | #99 Directors  | 2          |                 |
| 0044.COMP        | 12              | 03:17           | 08:35:53.1 | +20:55:08  | 300        | 90          | 3.0         | #99 Directors  | 2          |                 |
| 0045.HD84937     | 12              | 03:20           | 09:48:56.1 | +13:44:39  | 300        | 42          | 3.0         | #56 Spectropho | 2          |                 |
| 0046.HD84937     | 12              | 03:21           | 09:48:56.1 | +13:44:39  | 300        | 42          | 3.0         | #56 Spectropho | 2          |                 |
| 0047.HD84937     | 12              | 03:21           | 09:48:56.1 | +13:44:39  | 300        | 42          | 3.0         | #56 Spectropho | 2          |                 |
| 0048.COMP        | 12              | 03:22           | 09:48:56.1 | +13:44:39  | 300        | 42          | 3.0         | #56 Spectropho | 2          |                 |
| 0049.sn2008Z     | 1800            | 03:28           | 09:43:15.2 | +36:17:04  | 300        | 97          | 3.0         | #2 SN Observat | 2          |                 |
| 0050.COMP        | 12              | 03:59           | 09:43:15.2 | +36:17:04  | 300        | 97          | 3.0         | #2 SN Observat | 2          |                 |
| 0051.sn2008ar    | 1500            | 04:05           | 12:24:37.9 | +10:50:17  | 300        | -19         | 3.0         | #2 SN Observat | 2          |                 |
| 0052.COMP        | 12              | 04:30           | 12:24:37.9 | +10:50:17  | 300        | -19         | 3.0         | #2 SN Observat | 2          |                 |
| 0053.hecsfast005 | 660             | 04:34           | 15:00:52.8 | +20:52:39  | 300        | 90          | 3.0         | #172 SDSS Clus | 2          |                 |
| 0054.COMP        | 12              | 04:46           | 15:00:52.8 | +20:52:39  | 300        | 90          | 3.0         | #172 SDSS Clus | 2          |                 |
| 0055.hecsfast006 | 1080            | 04:49           | 14:59:41.6 | +21:48:54  | 300        | 90          | 3.0         | #172 SDSS Clus | 2          |                 |
| 0056.COMP        | 12              | 05:08           | 14:59:41.6 | +21:48:54  | 300        | 90          | 3.0         | #172 SDSS Clus | 2          |                 |
| 0057.hecsfast007 | 420             | 05:10           | 15:00:03.5 | +21:26:37  | 300        | 90          | 3.0         | #172 SDSS Clus | 2          |                 |

UT Date 2008-05-10 Observers M CalkinsColl. 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> |
|---------------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0058.COMP           | 12              | 05:17           | 15:00:03.5 | +21:26:37  | 300        | 90          | 3.0         | #172 SDSS Clus | 2          |                 |
| 0059.hecsfast008    | 600             | 05:18           | 15:01:31.4 | +21:25:57  | 300        | 90          | 3.0         | #172 SDSS Clus | 2          |                 |
| 0060.COMP           | 12              | 05:30           | 15:01:31.4 | +21:25:57  | 300        | 90          | 3.0         | #172 SDSS Clus | 2          |                 |
| 0061.sn2008aw       | 1800            | 05:34           | 13:04:14.1 | -10:19:12  | 300        | 6           | 3.0         | #2 SN Observat | 2          |                 |
| 0062.COMP           | 12              | 06:04           | 13:04:14.1 | -10:19:12  | 300        | 6           | 3.0         | #2 SN Observat | 2          |                 |
| 0063.hecsfast018    | 900             | 06:07           | 15:01:13.3 | +21:00:22  | 300        | 90          | 3.0         | #172 SDSS Clus | 2          |                 |
| 0064.COMP           | 12              | 06:23           | 15:01:13.3 | +21:00:22  | 300        | 90          | 3.0         | #172 SDSS Clus | 2          |                 |
| 0065.hecsfast019    | 600             | 06:24           | 15:01:51.2 | +21:05:09  | 300        | 90          | 3.0         | #172 SDSS Clus | 2          |                 |
| 0066.COMP           | 12              | 06:35           | 15:01:51.2 | +21:05:09  | 300        | 90          | 3.0         | #172 SDSS Clus | 2          |                 |
| 0067.hecsfast020    | 720             | 06:36           | 15:02:04.2 | +21:05:58  | 300        | 90          | 3.0         | #172 SDSS Clus | 2          |                 |
| 0068.COMP           | 12              | 06:48           | 15:02:04.2 | +21:05:58  | 300        | 90          | 3.0         | #172 SDSS Clus | 2          |                 |
| 0069.37384          | 600             | 07:00           | 14:47:08.7 | -01:23:29  | 300        | 70          | 3.0         | #173 Small Sol | 2          |                 |
| 0070.COMP           | 12              | 07:11           | 14:47:08.7 | -01:23:29  | 300        | 70          | 3.0         | #173 Small Sol | 2          |                 |
| 0071.37384          | 600             | 07:13           | 14:47:08.7 | -01:23:29  | 300        | 70          | 3.0         | #173 Small Sol | 2          |                 |
| 0072.COMP           | 12              | 07:23           | 14:47:08.7 | -01:23:29  | 300        | 70          | 3.0         | #173 Small Sol | 2          |                 |
| 0073.37384          | 600             | 07:24           | 14:47:08.7 | -01:23:29  | 300        | 70          | 3.0         | #173 Small Sol | 2          |                 |
| 0074.COMP           | 12              | 07:35           | 14:47:08.7 | -01:23:29  | 300        | 70          | 3.0         | #173 Small Sol | 2          |                 |
| 0075.BDp332642      | 70              | 07:38           | 15:51:59.9 | +32:56:54  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0076.COMP           | 12              | 07:40           | 15:51:59.9 | +32:56:54  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0077.SDSSJ1413+1703 | 1200            | 07:42           | 14:13:23.3 | +17:03:07  | 300        | 90          | 3.0         | #181 Populatio | 2          |                 |

UT Date 2008-05-10 Observers M CalkinsColl. 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> |
|---------------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0078.COMP           | 12              | 08:03           | 14:13:23.3 | +17:03:07  | 300        | 90          | 3.0         | #181 Populatio | 2          |                 |
| 0079.SDSSJ1414+0939 | 1500            | 08:06           | 14:14:35.9 | +09:39:33  | 300        | 90          | 3.0         | #181 Populatio | 2          |                 |
| 0080.COMP           | 12              | 08:32           | 14:14:35.9 | +09:39:33  | 300        | 90          | 3.0         | #181 Populatio | 2          |                 |
| 0081.SDSSJ1520+4158 | 1800            | 08:38           | 15:20:53.8 | +41:58:15  | 300        | 90          | 3.0         | #181 Populatio | 2          |                 |
| 0082.COMP           | 12              | 09:09           | 15:20:53.8 | +41:58:15  | 300        | 90          | 3.0         | #181 Populatio | 2          |                 |
| 0083.SDSSJ1534+0729 | 1800            | 09:13           | 15:34:31.8 | +07:29:10  | 300        | 60          | 3.0         | #181 Populatio | 2          |                 |
| 0084.COMP           | 12              | 09:44           | 15:34:31.8 | +07:29:10  | 300        | 60          | 3.0         | #181 Populatio | 2          |                 |
| 0085.SDSSJ1545+1422 | 480             | 09:47           | 15:45:39.1 | +14:22:32  | 300        | 90          | 3.0         | #181 Populatio | 2          |                 |
| 0086.COMP           | 12              | 09:55           | 15:45:39.1 | +14:22:32  | 300        | 90          | 3.0         | #181 Populatio | 2          |                 |
| 0087.SDSSJ1559+1845 | 900             | 10:01           | 15:59:04.4 | +18:45:34  | 300        | 95          | 3.0         | #181 Populatio | 2          |                 |
| 0088.COMP           | 12              | 10:16           | 15:59:04.4 | +18:45:34  | 300        | 95          | 3.0         | #181 Populatio | 2          |                 |
| 0089.HD146233       | 1               | 10:22           | 16:15:37.3 | -08:22:10  | 300        | 90          | 3.0         | #173 Small Sol | 2          |                 |
| 0090.COMP           | 12              | 10:22           | 16:15:37.3 | -08:22:10  | 300        | 90          | 3.0         | #173 Small Sol | 2          |                 |
| 0091.137170         | 300             | 10:25           | 17:29:11.3 | +58:37:13  | 300        | 90          | 3.0         | #173 Small Sol | 2          |                 |
| 0092.COMP           | 12              | 10:30           | 17:29:11.3 | +58:37:13  | 300        | 90          | 3.0         | #173 Small Sol | 2          |                 |
| 0093.137170         | 300             | 10:31           | 17:29:11.3 | +58:37:13  | 300        | 90          | 3.0         | #173 Small Sol | 2          |                 |
| 0094.COMP           | 12              | 10:37           | 17:29:11.3 | +58:37:13  | 300        | 90          | 3.0         | #173 Small Sol | 2          |                 |
| 0095.137170         | 300             | 10:37           | 17:29:11.3 | +58:37:13  | 300        | 90          | 3.0         | #173 Small Sol | 2          |                 |
| 0096.COMP           | 12              | 10:43           | 17:29:11.3 | +58:37:13  | 300        | 90          | 3.0         | #173 Small Sol | 2          |                 |
| 0097.186408         | 1               | 10:45           | 19:41:49.0 | +50:31:30  | 300        | 90          | 3.0         | #173 Small Sol | 2          |                 |

UT Date 2008-05-10 Observers M CalkinsColl. 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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0098.COMP      | 12              | 10:46           | 19:41:49.0 | +50:31:30  | 300        | 90          | 3.0         | #173 Small Sol | 2          |                 |
| 0099.2008HW1   | 420             | 10:49           | 16:58:50.9 | +52:59:31  | 300        | 90          | 3.0         | #173 Small Sol | 2          |                 |
| 0100.COMP      | 12              | 10:57           | 16:58:50.9 | +52:59:31  | 300        | 90          | 3.0         | #173 Small Sol | 2          |                 |
| 0101.2008HW1   | 420             | 10:58           | 16:58:50.9 | +52:59:31  | 300        | 90          | 3.0         | #173 Small Sol | 2          |                 |
| 0102.COMP      | 12              | 11:05           | 16:58:50.9 | +52:59:31  | 300        | 90          | 3.0         | #173 Small Sol | 2          |                 |
| 0103.2008HW1   | 420             | 11:06           | 16:58:50.9 | +52:59:31  | 300        | 90          | 3.0         | #173 Small Sol | 2          |                 |
| 0104.COMP      | 12              | 11:14           | 16:58:50.9 | +52:59:31  | 300        | 90          | 3.0         | #173 Small Sol | 2          |                 |
| 0105.3C390.3   | 300             | 11:20           | 18:42:09.0 | +79:46:17  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                 |
| 0106.3C390.3   | 300             | 11:25           | 18:42:09.0 | +79:46:17  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                 |
| 0107.COMP      | 12              | 11:30           | 18:42:09.0 | +79:46:17  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                 |
| 0108-0127.FLAT | 25              | 11:49           | 18:42:09.0 | +79:46:17  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                 |
| 0128-0137.BIAS | 0               | 11:52           | 18:42:09.0 | +79:46:17  | 300        | 90          | 3.0         | #173 Small Sol | 2          |                 |
| 0138-0147.DARK | 900             | 14:13           | 18:42:09.0 | +79:46:17  | 300        | 90          | 3.0         | #173 Small Sol | 2          |                 |

UT Date 2008-05-11 Observers P BerlindColl. Focus 1310 Grating/Grism 300

| File           | Exp Time | UT Start | RA         | Dec       | Gr. | P.A. | Slit | Program        | Bin | Comments                   |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------------------------|
| 0001-0010.BIAS | 0        | 02:01    | 09:44:06.9 | +31:32:47 | 300 | 90   | 3.0  | #173 Small Sol | 2   |                            |
| 0011-0025.FLAT | 25       | 02:10    | 09:44:06.9 | +31:32:47 | 300 | 90   | 3.0  | #173 Small Sol | 2   |                            |
| 0026-0030.sky  | 3        | 02:23    | 10:10:00.0 | +32:00:00 | 300 | 90   | 3.0  | #57 Velocity S | 2   |                            |
| 0031.COMP      | 10       | 02:23    | 10:10:00.0 | +32:00:00 | 300 | 90   | 3.0  | #57 Velocity S | 2   | stop and go through clouds |
| 0032.N3227     | 150      | 02:55    | 10:23:30.6 | +19:51:54 | 300 | 90   | 3.0  | #6 AGN Monitor | 2   |                            |
| 0033.N3227     | 150      | 02:58    | 10:23:30.6 | +19:51:54 | 300 | 90   | 3.0  | #6 AGN Monitor | 2   |                            |
| 0034.COMP      | 10       | 03:01    | 10:23:30.6 | +19:51:54 | 300 | 90   | 3.0  | #6 AGN Monitor | 2   |                            |
| 0035.MRK421    | 240      | 03:02    | 11:04:27.4 | +38:12:32 | 300 | 90   | 3.0  | #6 AGN Monitor | 2   |                            |
| 0036.MRK421    | 240      | 03:06    | 11:04:27.4 | +38:12:32 | 300 | 90   | 3.0  | #6 AGN Monitor | 2   |                            |
| 0037.COMP      | 10       | 03:11    | 11:04:27.4 | +38:12:32 | 300 | 90   | 3.0  | #6 AGN Monitor | 2   |                            |
| 0038.N4151     | 30       | 03:12    | 12:10:32.6 | +39:24:21 | 300 | 90   | 3.0  | #6 AGN Monitor | 2   |                            |
| 0039.N4151     | 30       | 03:12    | 12:10:32.6 | +39:24:21 | 300 | 90   | 3.0  | #6 AGN Monitor | 2   |                            |
| 0040.COMP      | 10       | 03:13    | 12:10:32.6 | +39:24:21 | 300 | 90   | 3.0  | #6 AGN Monitor | 2   |                            |
| 0041.N4051     | 150      | 03:15    | 12:03:09.7 | +44:31:53 | 300 | 90   | 3.0  | #6 AGN Monitor | 2   |                            |
| 0042.N4051     | 150      | 03:17    | 12:03:09.7 | +44:31:53 | 300 | 90   | 3.0  | #6 AGN Monitor | 2   |                            |
| 0044.COMP      | 10       | 03:22    | 12:03:09.7 | +44:31:53 | 300 | 90   | 3.0  | #6 AGN Monitor | 2   |                            |
| 0045.N4853     | 300      | 03:24    | 12:58:35.2 | +27:35:47 | 300 | 90   | 3.0  | #57 Velocity S | 2   |                            |
| 0046.COMP      | 10       | 03:29    | 12:58:35.2 | +27:35:47 | 300 | 90   | 3.0  | #57 Velocity S | 2   |                            |
| 0047.cirsz017  | 720      | 03:31    | 12:20:56.1 | +04:10:24 | 300 | 90   | 3.0  | #172f SDSS Clu | 2   |                            |
| 0048.COMP      | 10       | 03:43    | 12:20:56.1 | +04:10:24 | 300 | 90   | 3.0  | #172f SDSS Clu | 2   |                            |



UT Date 2008-05-11 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> |
|---------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0049.cirsz018 | 900             | 03:44           | 12:21:16.8 | +04:37:59  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0050.COMP     | 10              | 03:59           | 12:21:16.8 | +04:37:59  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0051.cirsz019 | 900             | 04:01           | 12:21:17.8 | +04:06:37  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0052.COMP     | 10              | 04:17           | 12:21:17.8 | +04:06:37  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0053.sn2008bf | 1800            | 04:22           | 12:04:02.9 | +20:14:43  | 300        | 20          | 3.0         | #2 SN Observat | 2          |                 |
| 0054.COMP     | 10              | 04:52           | 12:04:02.9 | +20:14:43  | 300        | 20          | 3.0         | #2 SN Observat | 2          |                 |
| 0055.cirsz020 | 900             | 04:54           | 12:21:18.2 | +03:51:02  | 300        | 0           | 3.0         | #172f SDSS Clu | 2          |                 |
| 0056.COMP     | 10              | 05:09           | 12:21:18.2 | +03:51:02  | 300        | 0           | 3.0         | #172f SDSS Clu | 2          |                 |
| 0057.sn2008cd | 1800            | 05:13           | 13:15:01.8 | -15:57:07  | 300        | 0           | 3.0         | #2 SN Observat | 2          |                 |
| 0058.COMP     | 10              | 05:43           | 13:15:01.8 | -15:57:07  | 300        | 0           | 3.0         | #2 SN Observat | 2          |                 |
| 0059.RWHya    | 2               | 05:45           | 13:34:18.0 | -25:22:51  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |
| 0060.RWHya    | 5               | 05:45           | 13:34:18.0 | -25:22:51  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |
| 0061.RWHya    | 15              | 05:46           | 13:34:18.0 | -25:22:51  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |
| 0062.COMP     | 10              | 05:46           | 13:34:18.0 | -25:22:51  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |
| 0063.cirsz021 | 720             | 05:48           | 12:21:24.6 | +03:55:18  | 300        | 0           | 3.0         | #172f SDSS Clu | 2          |                 |
| 0064.COMP     | 10              | 06:01           | 12:21:24.6 | +03:55:18  | 300        | 0           | 3.0         | #172f SDSS Clu | 2          |                 |
| 0065.cirsz022 | 900             | 06:02           | 12:22:33.7 | +03:56:24  | 300        | 0           | 3.0         | #172f SDSS Clu | 2          |                 |
| 0066.COMP     | 10              | 06:17           | 12:22:33.7 | +03:56:24  | 300        | 0           | 3.0         | #172f SDSS Clu | 2          |                 |
| 0067.cirsz049 | 660             | 06:19           | 13:42:09.1 | +02:13:35  | 300        | 0           | 3.0         | #172f SDSS Clu | 2          |                 |
| 0068.COMP     | 10              | 06:30           | 13:42:09.1 | +02:13:35  | 300        | 0           | 3.0         | #172f SDSS Clu | 2          |                 |

UT Date 2008-05-11 Observers P BerlindColl. Focus 1310 Grating/Grism 300

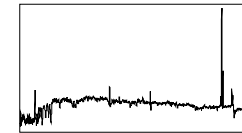
| File           | Exp Time | UT Start | RA         | Dec       | Gr. | P.A. | Slit | Program        | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0069.cirsz050  | 720      | 06:31    | 13:42:10.5 | +02:13:48 | 300 | 0    | 3.0  | #172f SDSS Clu | 2   |          |
| 0070.COMP      | 10       | 06:44    | 13:42:10.5 | +02:13:48 | 300 | 0    | 3.0  | #172f SDSS Clu | 2   |          |
| 0071.cirsz051  | 720      | 06:45    | 13:42:14.7 | +02:13:25 | 300 | 0    | 3.0  | #172f SDSS Clu | 2   |          |
| 0072.COMP      | 10       | 06:57    | 13:42:14.7 | +02:13:25 | 300 | 0    | 3.0  | #172f SDSS Clu | 2   |          |
| 0073.cirsz053  | 900      | 06:59    | 13:42:21.7 | +02:12:59 | 300 | 0    | 3.0  | #172f SDSS Clu | 2   |          |
| 0074.COMP      | 10       | 07:14    | 13:42:21.7 | +02:12:59 | 300 | 0    | 3.0  | #172f SDSS Clu | 2   |          |
| 0075.cirsz054  | 814      | 07:36    | 13:43:04.4 | +03:07:21 | 300 | 0    | 3.0  | #172f SDSS Clu | 2   |          |
| 0076.COMP      | 10       | 07:50    | 13:43:04.4 | +03:07:21 | 300 | 0    | 3.0  | #172f SDSS Clu | 2   |          |
| 0077.N5548     | 240      | 08:01    | 14:17:59.6 | +25:08:12 | 300 | 89   | 3.0  | #6 AGN Monitor | 2   |          |
| 0078.N5548     | 240      | 08:05    | 14:17:59.6 | +25:08:12 | 300 | 89   | 3.0  | #6 AGN Monitor | 2   |          |
| 0079.COMP      | 10       | 08:10    | 14:17:59.6 | +25:08:12 | 300 | 89   | 3.0  | #6 AGN Monitor | 2   |          |
| 0080.AGDra     | 2        | 08:12    | 16:01:41.0 | +66:48:10 | 300 | 89   | 3.0  | #12 Symbiotic  | 2   |          |
| 0081.AGDra     | 6        | 08:12    | 16:01:41.0 | +66:48:10 | 300 | 89   | 3.0  | #12 Symbiotic  | 2   |          |
| 0082.AGDra     | 20       | 08:13    | 16:01:41.0 | +66:48:10 | 300 | 89   | 3.0  | #12 Symbiotic  | 2   |          |
| 0083.COMP      | 10       | 08:14    | 16:01:41.0 | +66:48:10 | 300 | 89   | 3.0  | #12 Symbiotic  | 2   |          |
| 0084.MRK501    | 180      | 08:16    | 16:53:52.1 | +39:45:36 | 300 | 89   | 3.0  | #6 AGN Monitor | 2   |          |
| 0085.MRK501    | 180      | 08:19    | 16:53:52.1 | +39:45:36 | 300 | 89   | 3.0  | #6 AGN Monitor | 2   |          |
| 0086.COMP      | 10       | 08:23    | 16:53:52.1 | +39:45:36 | 300 | 89   | 3.0  | #6 AGN Monitor | 2   |          |
| 0087.BDp332642 | 110      | 08:33    | 15:51:59.9 | +32:56:54 | 300 | 89   | 3.0  | #56 Spectropho | 2   |          |
| 0088.BDp332642 | 110      | 08:35    | 15:51:59.9 | +32:56:54 | 300 | 89   | 3.0  | #56 Spectropho | 2   |          |

UT Date 2008-05-11 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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0089.COMP      | 10              | 08:38           | 15:51:59.9 | +32:56:54  | 300        | 89          | 3.0         | #56 Spectropho | 2          |                 |
| 0090.BDp262606 | 60              | 08:39           | 14:49:02.4 | +25:42:09  | 300        | 70          | 3.0         | #56 Spectropho | 2          |                 |
| 0091.BDp262606 | 60              | 08:40           | 14:49:02.4 | +25:42:09  | 300        | 70          | 3.0         | #56 Spectropho | 2          |                 |
| 0092.COMP      | 10              | 08:41           | 14:49:02.4 | +25:42:09  | 300        | 70          | 3.0         | #56 Spectropho | 2          |                 |
| 0093.fmf281    | 720             | 08:45           | 17:15:59.1 | +77:45:15  | 300        | 90          | 3.0         | #171f Local Un | 2          |                 |
| 0094.COMP      | 10              | 08:57           | 17:15:59.1 | +77:45:15  | 300        | 90          | 3.0         | #171f Local Un | 2          |                 |
| 0095.fmf285    | 900             | 08:59           | 17:16:40.2 | +77:53:39  | 300        | 90          | 3.0         | #171f Local Un | 2          |                 |
| 0096.COMP      | 10              | 09:14           | 17:16:40.2 | +77:53:39  | 300        | 90          | 3.0         | #171f Local Un | 2          |                 |
| 0097.fmf286    | 900             | 09:15           | 17:16:42.2 | +77:48:23  | 300        | 90          | 3.0         | #171f Local Un | 2          |                 |
| 0098.COMP      | 10              | 09:31           | 17:16:42.2 | +77:48:23  | 300        | 90          | 3.0         | #171f Local Un | 2          |                 |
| 0099.fmf288    | 900             | 09:32           | 17:17:31.1 | +78:17:15  | 300        | 90          | 3.0         | #171f Local Un | 2          |                 |
| 0100.COMP      | 10              | 09:47           | 17:17:31.1 | +78:17:15  | 300        | 90          | 3.0         | #171f Local Un | 2          |                 |
| 0101.fmf289    | 900             | 09:49           | 17:17:38.1 | +78:04:20  | 300        | 90          | 3.0         | #171f Local Un | 2          |                 |
| 0102.COMP      | 10              | 10:04           | 17:17:38.1 | +78:04:20  | 300        | 90          | 3.0         | #171f Local Un | 2          |                 |
| 0103.fmf290    | 720             | 10:05           | 17:17:46.2 | +77:34:41  | 300        | 90          | 3.0         | #171f Local Un | 2          |                 |
| 0104.COMP      | 10              | 10:18           | 17:17:46.2 | +77:34:41  | 300        | 90          | 3.0         | #171f Local Un | 2          |                 |
| 0105.fmf295    | 900             | 10:20           | 17:18:38.8 | +78:13:38  | 300        | 90          | 3.0         | #171f Local Un | 2          |                 |
| 0106.COMP      | 10              | 10:35           | 17:18:38.8 | +78:13:38  | 300        | 90          | 3.0         | #171f Local Un | 2          |                 |
| 0107.fmf299    | 900             | 10:44           | 17:19:03.1 | +78:00:23  | 300        | 90          | 3.0         | #171f Local Un | 2          |                 |
| 0108.COMP      | 10              | 10:59           | 17:19:03.1 | +78:00:23  | 300        | 90          | 3.0         | #171f Local Un | 2          |                 |

UT Date 2008-05-11 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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0109.fmb300    | 900             | 11:01           | 17:19:21.9 | +77:58:52  | 300        | 90          | 3.0         | #171f Local Un | 2          |                 |
| 0110.COMP      | 10              | 11:16           | 17:19:21.9 | +77:58:52  | 300        | 90          | 3.0         | #171f Local Un | 2          |                 |
| 0111.BFCyg     | 10              | 11:18           | 19:23:53.0 | +29:40:27  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0112.BFCyg     | 30              | 11:18           | 19:23:53.0 | +29:40:27  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0113.BFCyg     | 60              | 11:19           | 19:23:53.0 | +29:40:27  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0114.COMP      | 10              | 11:20           | 19:23:53.0 | +29:40:27  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0115-0124.BIAS | 0               | 11:24           | 19:23:53.0 | +29:40:27  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                 |
| 0125-0139.FLAT | 25              | 11:33           | 19:23:53.0 | +29:40:27  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                 |
| 0140-0144.DARK | 900             | 12:43           | 19:23:53.0 | +29:40:27  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                 |

UT Date 2008-05-12 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>   |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-------------------|
| 0001-0005.DARK | 900             | 22:59           | 19:23:53.0 | +29:40:27  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                   |
| 0006-0015.BIAS | 0               | 01:23           | 19:23:53.0 | +29:40:27  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                   |
| 0016-0030.FLAT | 25              | 01:32           | 19:23:53.0 | +29:40:27  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                   |
| 0031-0035.sky  | 3               | 02:22           | 10:10:00.0 | +32:00:00  | 300        | 90          | 3.0         | #57 Velocity S | 2          |                   |
| 0036.COMP      | 10              | 02:23           | 10:10:00.0 | +32:00:00  | 300        | 90          | 3.0         | #57 Velocity S | 2          |                   |
| 0037.HD84937   | 20              | 02:52           | 09:48:56.1 | +13:44:39  | 300        | 36          | 3.0         | #56 Spectropho | 2          |                   |
| 0038.HD84937   | 20              | 02:53           | 09:48:56.1 | +13:44:39  | 300        | 36          | 3.0         | #56 Spectropho | 2          |                   |
| 0039.HD84937   | 20              | 02:53           | 09:48:56.1 | +13:44:39  | 300        | 36          | 3.0         | #56 Spectropho | 2          |                   |
| 0040.COMP      | 10              | 02:54           | 09:48:56.1 | +13:44:39  | 300        | 36          | 3.0         | #56 Spectropho | 2          |                   |
| 0041.Feige34   | 180             | 02:57           | 10:39:36.7 | +43:06:09  | 300        | 0           | 3.0         | #56 Spectropho | 2          | stopped by clouds |
| 0042.COMP      | 10              | 03:02           | 10:39:36.7 | +43:06:09  | 300        | 0           | 3.0         | #56 Spectropho | 2          |                   |

UT Date 2008-05-13 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>          |
|--------------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|--------------------------|
| 0001-0005.DARK     | 900             | 00:39           | 12:58:35.2 | +27:35:47  | 300        | 90          | 3.0         | #57 Velocity S | 2          |                          |
| 0006-0020.BIAS     | 0               | 01:30           | 12:58:35.2 | +27:35:47  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                          |
| 0021-0035.FLAT     | 25              | 01:39           | 12:58:35.2 | +27:35:47  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                          |
| 0036-0040.sky      | 3               | 02:22           | 10:10:00.0 | +32:00:00  | 300        | 90          | 3.0         | #57 Velocity S | 2          |                          |
| 0041.COMP          | 10              | 02:23           | 10:10:00.0 | +32:00:00  | 300        | 90          | 3.0         | #57 Velocity S | 2          |                          |
| 0042.HD84937       | 20              | 03:10           | 09:48:56.1 | +13:44:39  | 300        | 44          | 3.0         | #56 Spectropho | 2          |                          |
| 0043.HD84937       | 20              | 03:10           | 09:48:56.1 | +13:44:39  | 300        | 44          | 3.0         | #56 Spectropho | 2          |                          |
| 0044.HD84937       | 20              | 03:11           | 09:48:56.1 | +13:44:39  | 300        | 44          | 3.0         | #56 Spectropho | 2          |                          |
| 0045.COMP          | 10              | 03:11           | 09:48:56.1 | +13:44:39  | 300        | 44          | 3.0         | #56 Spectropho | 2          |                          |
| 0046.Feige34       | 180             | 03:14           | 10:39:36.7 | +43:06:09  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                          |
| 0047.Feige34       | 180             | 03:18           | 10:39:36.7 | +43:06:09  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                          |
| 0048.COMP          | 10              | 03:21           | 10:39:36.7 | +43:06:09  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                          |
| 0049.N4853         | 300             | 03:23           | 12:58:35.2 | +27:35:47  | 300        | 90          | 3.0         | #57 Velocity S | 2          |                          |
| 0050.COMP          | 10              | 03:28           | 12:58:35.2 | +27:35:47  | 300        | 90          | 3.0         | #57 Velocity S | 2          |                          |
| 0051.MRK421        | 240             | 03:53           | 11:04:27.4 | +38:12:32  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                          |
| 0052.MRK421        | 240             | 03:57           | 11:04:27.4 | +38:12:32  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                          |
| 0053.COMP          | 10              | 04:02           | 11:04:27.4 | +38:12:32  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          | telescope engineering... |
| 0054.XS05773B1_007 | 1200            | 04:04           | 10:04:04.3 | +69:02:14  | 300        | 90          | 3.0         | #129 ChaMP Sou | 2          |                          |
| 0055.COMP          | 10              | 04:25           | 10:04:04.3 | +69:02:14  | 300        | 90          | 3.0         | #129 ChaMP Sou | 2          |                          |
| 0056.SDSS1328+5731 | 1200            | 04:38           | 13:28:01.3 | +57:31:13  | 300        | 20          | 3.0         | #165 Quasar Br | 2          |                          |

UT Date 2008-05-13 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> |
|--------------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0057.COMP          | 10              | 04:58           | 13:28:01.3 | +57:31:13  | 300        | 20          | 3.0         | #165 Quasar Br | 2          |                 |
| 0058.SDSS1328+5731 | 1200            | 05:00           | 13:28:01.3 | +57:31:13  | 300        | 5           | 3.0         | #165 Quasar Br | 2          |                 |
| 0059.COMP          | 10              | 05:20           | 13:28:01.3 | +57:31:13  | 300        | 5           | 3.0         | #165 Quasar Br | 2          |                 |
| 0060.SDSS1328+5731 | 1200            | 05:21           | 13:28:01.3 | +57:31:13  | 300        | -5          | 3.0         | #165 Quasar Br | 2          |                 |
| 0061.COMP          | 10              | 05:41           | 13:28:01.3 | +57:31:13  | 300        | -5          | 3.0         | #165 Quasar Br | 2          |                 |
| 0062.SDSS1334-0123 | 1200            | 05:45           | 13:34:28.1 | -01:23:49  | 300        | 7           | 3.0         | #165 Quasar Br | 2          |                 |
| 0063.COMP          | 10              | 06:05           | 13:34:28.1 | -01:23:49  | 300        | 7           | 3.0         | #165 Quasar Br | 2          |                 |
| 0064.SDSS1334-0123 | 1200            | 06:07           | 13:34:28.1 | -01:23:49  | 300        | 17          | 3.0         | #165 Quasar Br | 2          |                 |
| 0065.COMP          | 10              | 06:27           | 13:34:28.1 | -01:23:49  | 300        | 17          | 3.0         | #165 Quasar Br | 2          |                 |
| 0066.SDSS1334-0123 | 1200            | 06:28           | 13:34:28.1 | -01:23:49  | 300        | 25          | 3.0         | #165 Quasar Br | 2          |                 |
| 0067.COMP          | 10              | 06:49           | 13:34:28.1 | -01:23:49  | 300        | 25          | 3.0         | #165 Quasar Br | 2          |                 |
| 0068.sn2008bx      | 1200            | 06:51           | 14:54:39.0 | +42:01:23  | 300        | -5          | 3.0         | #2 SN Observat | 2          |                 |
| 0069.COMP          | 10              | 07:12           | 14:54:39.0 | +42:01:23  | 300        | -5          | 3.0         | #2 SN Observat | 2          |                 |
| 0070.SDSS1437+0428 | 1200            | 07:15           | 14:37:52.8 | +04:28:55  | 300        | 20          | 3.0         | #165 Quasar Br | 2          |                 |
| 0071.COMP          | 10              | 07:36           | 14:37:52.8 | +04:28:55  | 300        | 20          | 3.0         | #165 Quasar Br | 2          |                 |
| 0072.SDSS1437+0428 | 1200            | 07:37           | 14:37:52.8 | +04:28:55  | 300        | 30          | 3.0         | #165 Quasar Br | 2          |                 |
| 0073.COMP          | 10              | 07:58           | 14:37:52.8 | +04:28:55  | 300        | 30          | 3.0         | #165 Quasar Br | 2          |                 |
| 0074.SDSS1437+0428 | 1200            | 07:59           | 14:37:52.8 | +04:28:55  | 300        | 35          | 3.0         | #165 Quasar Br | 2          |                 |
| 0075.COMP          | 10              | 08:19           | 14:37:52.8 | +04:28:55  | 300        | 35          | 3.0         | #165 Quasar Br | 2          |                 |
| 0076.SDSS1602+3807 | 1200            | 08:22           | 16:02:07.7 | +38:07:43  | 300        | 0           | 3.0         | #165 Quasar Br | 2          |                 |

UT Date 2008-05-13 Observers P BerlindColl. Focus 1310 Grating/Grism 600

| File                | Exp Time | UT Start | RA         | Dec       | Gr. | P.A. | Slit | Program        | Bin | Comments               |
|---------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|------------------------|
| 0077.COMP           | 10       | 08:42    | 16:02:07.7 | +38:07:43 | 300 | 0    | 3.0  | #165 Quasar Br | 2   |                        |
| 0078.SDSS1602+3807  | 1200     | 08:43    | 16:02:07.7 | +38:07:43 | 300 | 0    | 3.0  | #165 Quasar Br | 2   |                        |
| 0079.COMP           | 10       | 09:04    | 16:02:07.7 | +38:07:43 | 300 | 0    | 3.0  | #165 Quasar Br | 2   |                        |
| 0080.SDSS1602+3807  | 1200     | 09:04    | 16:02:07.7 | +38:07:43 | 300 | 0    | 3.0  | #165 Quasar Br | 2   |                        |
| 0081.COMP           | 10       | 09:25    | 16:02:07.7 | +38:07:43 | 300 | 0    | 3.0  | #165 Quasar Br | 2   |                        |
| 0082.test           | 10       | 09:29    | 18:00:00.0 | +32:00:00 | 600 | 0    | 2.0  | #165 Quasar Br | 2   |                        |
| 0084.XTEJ1946p274   | 1800     | 09:33    | 19:45:39.3 | +27:21:55 | 600 | 90   | 2.0  | #176 Be/X-ray  | 2   | 600-line, 2-sec, Zetas |
| 0085.COMP           | 10       | 10:04    | 19:45:39.3 | +27:21:55 | 600 | 90   | 2.0  | #176 Be/X-ray  | 2   |                        |
| 0086.KS1947p300     | 1200     | 10:06    | 19:49:30.5 | +30:12:24 | 600 | 90   | 2.0  | #176 Be/X-ray  | 2   |                        |
| 0087.COMP           | 10       | 10:26    | 19:49:30.5 | +30:12:24 | 600 | 90   | 2.0  | #176 Be/X-ray  | 2   |                        |
| 0088.SAXJ21035p4545 | 1200     | 10:28    | 21:03:35.7 | +45:45:05 | 600 | 90   | 2.0  | #176 Be/X-ray  | 2   |                        |
| 0089.COMP           | 10       | 10:48    | 21:03:35.7 | +45:45:05 | 600 | 90   | 2.0  | #176 Be/X-ray  | 2   |                        |
| 0090.4U2204p543     | 120      | 10:50    | 22:07:57.0 | +54:31:06 | 600 | 90   | 2.0  | #176 Be/X-ray  | 2   |                        |
| 0091.4U2204p543     | 120      | 10:52    | 22:07:57.0 | +54:31:06 | 600 | 90   | 2.0  | #176 Be/X-ray  | 2   |                        |
| 0092.4U2204p543     | 120      | 10:54    | 22:07:57.0 | +54:31:06 | 600 | 90   | 2.0  | #176 Be/X-ray  | 2   |                        |
| 0093.COMP           | 10       | 10:57    | 22:07:57.0 | +54:31:06 | 600 | 90   | 2.0  | #176 Be/X-ray  | 2   |                        |
| 0094.HD192281       | 10       | 11:07    | 20:12:33.1 | +40:16:06 | 600 | 90   | 2.0  | #176 Be/X-ray  | 2   |                        |
| 0095.HD192281       | 10       | 11:07    | 20:12:33.1 | +40:16:06 | 600 | 90   | 2.0  | #176 Be/X-ray  | 2   |                        |
| 0096.HD192281       | 10       | 11:08    | 20:12:33.1 | +40:16:06 | 600 | 90   | 2.0  | #176 Be/X-ray  | 2   |                        |
| 0097.HD192281       | 10       | 11:08    | 20:12:33.1 | +40:16:06 | 600 | 90   | 2.0  | #176 Be/X-ray  | 2   |                        |



UT Date 2008-05-13 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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0098.COMP      | 10              | 11:09           | 20:12:33.1 | +40:16:06  | 600        | 90          | 2.0         | #176 Be/X-ray  | 2          |                 |
| 0099-0108.BIAS | 0               | 11:22           | 19:16:55.0 | +30:12:01  | 600        | 90          | 2.0         | #165 Quasar Br | 2          |                 |
| 0109-0118.FLAT | 45              | 11:31           | 19:16:55.0 | +30:12:01  | 600        | 90          | 2.0         | #165 Quasar Br | 2          |                 |
| 0119-0123.DARK | 900             | 12:49           | 19:16:55.0 | +30:12:01  | 600        | 90          | 2.0         | #165 Quasar Br | 2          |                 |

UT Date 2008-05-14 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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0001-0005.DARK | 900             | 01:06           | 10:10:00.0 | +32:00:00  | 300        | 90          | 3.0         | #57 Velocity S | 2          |                 |
| 0006-0020.BIAS | 0               | 01:47           | 10:10:00.0 | +32:00:00  | 300        | 90          | 3.0         | #57 Velocity S | 2          |                 |
| 0021-0034.FLAT | 25              | 01:55           | 10:10:00.0 | +32:00:00  | 300        | 90          | 3.0         | #57 Velocity S | 2          |                 |
| 0035.FLAT      | 25              | 01:56           | 10:10:00.0 | +32:00:00  | 300        | 90          | 3.0         | #57 Velocity S | 2          | clouds...       |
| 0036.HD84937   | 25              | 03:04           | 09:48:56.1 | +13:44:39  | 300        | 44          | 3.0         | #56 Spectropho | 2          |                 |
| 0037.HD84937   | 25              | 03:05           | 09:48:56.1 | +13:44:39  | 300        | 44          | 3.0         | #56 Spectropho | 2          |                 |
| 0038.HD84937   | 25              | 03:06           | 09:48:56.1 | +13:44:39  | 300        | 44          | 3.0         | #56 Spectropho | 2          |                 |
| 0039.COMP      | 10              | 03:07           | 09:48:56.1 | +13:44:39  | 300        | 44          | 3.0         | #56 Spectropho | 2          |                 |
| 0040.Feige34   | 210             | 03:09           | 10:39:36.7 | +43:06:09  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0041.Feige34   | 210             | 03:12           | 10:39:36.7 | +43:06:09  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0042.COMP      | 10              | 03:16           | 10:39:36.7 | +43:06:09  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0043.TXCVn     | 45              | 03:19           | 12:44:42.0 | +36:45:48  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0044.TXCVn     | 45              | 03:20           | 12:44:42.0 | +36:45:48  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0045.TXCVn     | 45              | 03:21           | 12:44:42.0 | +36:45:48  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0046.COMP      | 10              | 03:22           | 12:44:42.0 | +36:45:48  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0047.N4051     | 180             | 03:23           | 12:03:09.7 | +44:31:53  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                 |
| 0048.N4051     | 180             | 03:27           | 12:03:09.7 | +44:31:53  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                 |
| 0049.COMP      | 10              | 03:30           | 12:03:09.7 | +44:31:53  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                 |
| 0050.N4151     | 40              | 03:31           | 12:10:32.6 | +39:24:21  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                 |
| 0051.N4151     | 40              | 03:32           | 12:10:32.6 | +39:24:21  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                 |

UT Date 2008-05-14 Observers P BerlindColl. Focus 1310 Grating/Grism 300

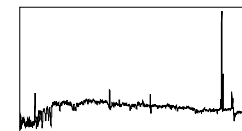
| <i>File</i>        | <i>Exp Time</i> | <i>UT Start</i> | <i>RA</i>  | <i>Dec</i> | <i>Gr.</i> | <i>P.A.</i> | <i>Slit</i> | <i>Program</i> | <i>Bin</i> | <i>Comments</i>          |
|--------------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|--------------------------|
| 0052.COMP          | 10              | 03:33           | 12:10:32.6 | +39:24:21  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                          |
| 0053.N4853         | 300             | 03:36           | 12:58:35.2 | +27:35:47  | 300        | 90          | 3.0         | #57 Velocity S | 2          |                          |
| 0054.COMP          | 10              | 03:42           | 12:58:35.2 | +27:35:47  | 300        | 90          | 3.0         | #57 Velocity S | 2          |                          |
| 0055.N5548         | 300             | 03:46           | 14:17:59.6 | +25:08:12  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                          |
| 0056.N5548         | 300             | 03:51           | 14:17:59.6 | +25:08:12  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          | poor seeing, bright moon |
| 0057.COMP          | 10              | 03:56           | 14:17:59.6 | +25:08:12  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                          |
| 0058.XS04163B1_017 | 120             | 03:58           | 14:14:47.2 | +36:07:53  | 300        | 90          | 3.0         | #129 ChaMP Sou | 2          |                          |
| 0059.COMP          | 10              | 04:00           | 14:14:47.2 | +36:07:53  | 300        | 90          | 3.0         | #129 ChaMP Sou | 2          |                          |
| 0060.XS04163B3_012 | 120             | 04:03           | 14:14:58.7 | +36:12:23  | 300        | 90          | 3.0         | #129 ChaMP Sou | 2          |                          |
| 0061.COMP          | 10              | 04:05           | 14:14:58.7 | +36:12:23  | 300        | 90          | 3.0         | #129 ChaMP Sou | 2          |                          |
| 0062.XS04163B2_027 | 120             | 04:06           | 14:15:26.3 | +36:05:03  | 300        | 90          | 3.0         | #129 ChaMP Sou | 2          |                          |
| 0063.COMP          | 10              | 04:09           | 14:15:26.3 | +36:05:03  | 300        | 90          | 3.0         | #129 ChaMP Sou | 2          |                          |
| 0064.XS03239B2_033 | 660             | 04:10           | 14:15:46.2 | +53:02:19  | 300        | 90          | 3.0         | #129 ChaMP Sou | 2          |                          |
| 0065.COMP          | 10              | 04:21           | 14:15:46.2 | +53:02:19  | 300        | 90          | 3.0         | #129 ChaMP Sou | 2          |                          |
| 0066.XS03239B3_037 | 240             | 04:22           | 14:16:42.2 | +52:59:38  | 300        | 90          | 3.0         | #129 ChaMP Sou | 2          |                          |
| 0067.COMP          | 10              | 04:27           | 14:16:42.2 | +52:59:38  | 300        | 90          | 3.0         | #129 ChaMP Sou | 2          |                          |
| 0068.XS03075B3_005 | 1200            | 04:29           | 14:17:48.4 | +26:37:26  | 300        | 90          | 3.0         | #129 ChaMP Sou | 2          |                          |
| 0069.COMP          | 10              | 04:49           | 14:17:48.4 | +26:37:26  | 300        | 90          | 3.0         | #129 ChaMP Sou | 2          |                          |
| 0070.XS03075B6_004 | 5               | 04:50           | 14:18:08.1 | +26:47:43  | 300        | 90          | 3.0         | #129 ChaMP Sou | 2          |                          |
| 0071.COMP          | 10              | 04:51           | 14:18:08.1 | +26:47:43  | 300        | 90          | 3.0         | #129 ChaMP Sou | 2          |                          |

UT Date 2008-05-14 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> |
|--------------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0072.XS04126B6_007 | 10              | 04:52           | 14:29:46.4 | +36:50:53  | 300        | 90          | 3.0         | #129 ChaMP Sou | 2          |                 |
| 0073.COMP          | 10              | 04:53           | 14:29:46.4 | +36:50:53  | 300        | 90          | 3.0         | #129 ChaMP Sou | 2          |                 |
| 0074.XS04126B6_006 | 900             | 04:54           | 14:30:08.7 | +36:50:11  | 300        | 90          | 3.0         | #129 ChaMP Sou | 2          |                 |
| 0075.COMP          | 10              | 05:10           | 14:30:08.7 | +36:50:11  | 300        | 90          | 3.0         | #129 ChaMP Sou | 2          |                 |
| 0076.XS04126B2_001 | 420             | 05:11           | 14:30:38.4 | +36:57:02  | 300        | 90          | 3.0         | #129 ChaMP Sou | 2          |                 |
| 0077.COMP          | 10              | 05:19           | 14:30:38.4 | +36:57:02  | 300        | 90          | 3.0         | #129 ChaMP Sou | 2          |                 |
| 0078.SDSS1513+6059 | 1200            | 05:47           | 15:13:07.7 | +60:59:57  | 300        | 30          | 3.0         | #165 Quasar Br | 2          |                 |
| 0079.COMP          | 10              | 06:08           | 15:13:07.7 | +60:59:57  | 300        | 30          | 3.0         | #165 Quasar Br | 2          |                 |
| 0080.SDSS1513+6059 | 1200            | 06:11           | 15:13:07.7 | +60:59:57  | 300        | 22          | 3.0         | #165 Quasar Br | 2          |                 |
| 0081.COMP          | 10              | 06:31           | 15:13:07.7 | +60:59:57  | 300        | 22          | 3.0         | #165 Quasar Br | 2          |                 |
| 0082.SDSS1513+6059 | 1200            | 06:33           | 15:13:07.7 | +60:59:57  | 300        | 9           | 3.0         | #165 Quasar Br | 2          |                 |
| 0083.COMP          | 10              | 06:53           | 15:13:07.7 | +60:59:57  | 300        | 9           | 3.0         | #165 Quasar Br | 2          |                 |
| 0084.SDSS1448+0424 | 1200            | 06:59           | 14:48:42.4 | +04:24:03  | 300        | 11          | 3.0         | #165 Quasar Br | 2          |                 |
| 0085.COMP          | 10              | 07:19           | 14:48:42.4 | +04:24:03  | 300        | 11          | 3.0         | #165 Quasar Br | 2          |                 |
| 0086.SDSS1448+0424 | 1200            | 07:20           | 14:48:42.4 | +04:24:03  | 300        | 20          | 3.0         | #165 Quasar Br | 2          |                 |
| 0087.COMP          | 10              | 07:41           | 14:48:42.4 | +04:24:03  | 300        | 20          | 3.0         | #165 Quasar Br | 2          |                 |
| 0088.SDSS1448+0424 | 1200            | 07:42           | 14:48:42.4 | +04:24:03  | 300        | 29          | 3.0         | #165 Quasar Br | 2          |                 |
| 0089.COMP          | 10              | 08:03           | 14:48:42.4 | +04:24:03  | 300        | 29          | 3.0         | #165 Quasar Br | 2          |                 |
| 0090.BDp332642     | 120             | 08:06           | 15:51:59.9 | +32:56:54  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0091.BDp332642     | 120             | 08:08           | 15:51:59.9 | +32:56:54  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |

UT Date 2008-05-14 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.COMP     | 10              | 08:10           | 15:51:59.9 | +32:56:54  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0093.AGDra    | 4               | 08:12           | 16:01:41.0 | +66:48:10  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0094.AGDra    | 15              | 08:12           | 16:01:41.0 | +66:48:10  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0095.AGDra    | 45              | 08:13           | 16:01:41.0 | +66:48:10  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0096.COMP     | 10              | 08:14           | 16:01:41.0 | +66:48:10  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0097.cirsz084 | 1200            | 08:16           | 16:59:43.4 | +64:37:43  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0098.COMP     | 10              | 08:37           | 16:59:43.4 | +64:37:43  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0099.cirsz086 | 1200            | 08:38           | 17:00:38.0 | +64:13:44  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0100.COMP     | 10              | 08:59           | 17:00:38.0 | +64:13:44  | 300        | 90          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0101.MRK501   | 240             | 09:00           | 16:53:52.1 | +39:45:36  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                 |
| 0102.MRK501   | 240             | 09:05           | 16:53:52.1 | +39:45:36  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                 |
| 0103.COMP     | 10              | 09:09           | 16:53:52.1 | +39:45:36  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                 |
| 0104.AS210    | 10              | 09:13           | 16:51:20.3 | -26:00:33  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |
| 0105.AS210    | 302             | 09:14           | 16:51:20.3 | -26:00:33  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |
| 0106.COMP     | 10              | 09:19           | 16:51:20.3 | -26:00:33  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |
| 0107.Hen1341  | 14              | 09:21           | 17:08:36.0 | -17:26:30  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |
| 0108.Hen1341  | 35              | 09:22           | 17:08:36.0 | -17:26:30  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |
| 0109.Hen1341  | 180             | 09:23           | 17:08:36.0 | -17:26:30  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |
| 0110.COMP     | 10              | 09:26           | 17:08:36.0 | -17:26:30  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |
| 0111.RS0ph    | 12              | 09:27           | 17:50:13.0 | -06:42:30  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |

UT Date 2008-05-14 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> |
|--------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0112.RS0ph   | 30              | 09:28           | 17:50:13.0 | -06:42:30  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |
| 0113.RS0ph   | 120             | 09:29           | 17:50:13.0 | -06:42:30  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |
| 0114.COMP    | 10              | 09:31           | 17:50:13.0 | -06:42:30  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |
| 0115.AS270   | 10              | 09:33           | 18:05:33.0 | -20:20:37  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |
| 0116.AS270   | 30              | 09:33           | 18:05:33.0 | -20:20:37  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |
| 0117.AS270   | 300             | 09:34           | 18:05:33.0 | -20:20:37  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |
| 0118.COMP    | 10              | 09:40           | 18:05:33.0 | -20:20:37  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |
| 0119.AS289   | 15              | 09:41           | 18:12:22.0 | -11:40:08  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |
| 0120.AS289   | 35              | 09:42           | 18:12:22.0 | -11:40:08  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |
| 0121.AS289   | 180             | 09:42           | 18:12:22.0 | -11:40:08  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |
| 0122.COMP    | 10              | 09:46           | 18:12:22.0 | -11:40:08  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |
| 0123.AS296   | 10              | 09:47           | 18:15:07.0 | -00:18:52  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |
| 0124.AS296   | 30              | 09:48           | 18:15:07.0 | -00:18:52  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |
| 0125.AS296   | 120             | 09:49           | 18:15:07.0 | -00:18:52  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |
| 0126.COMP    | 10              | 09:51           | 18:15:07.0 | -00:18:52  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |
| 0127.V443Her | 10              | 09:55           | 18:22:07.0 | +23:27:20  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |
| 0128.V443Her | 5               | 09:55           | 18:22:07.0 | +23:27:20  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |
| 0129.V443Her | 60              | 09:56           | 18:22:07.0 | +23:27:20  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |
| 0130.COMP    | 10              | 09:58           | 18:22:07.0 | +23:27:20  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |
| 0131.YYHer   | 10              | 09:59           | 18:14:34.0 | +20:59:19  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |

UT Date 2008-05-14 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> |
|---------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0132.YYHer    | 35              | 10:00           | 18:14:34.0 | +20:59:19  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |
| 0133.YYHer    | 180             | 10:01           | 18:14:34.0 | +20:59:19  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |
| 0134.COMP     | 10              | 10:04           | 18:14:34.0 | +20:59:19  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |
| 0135.sn2008bo | 1500            | 10:06           | 18:19:54.3 | +74:34:21  | 300        | 0           | 3.0         | #2 SN Observat | 2          |                 |
| 0136.COMP     | 10              | 10:31           | 18:19:54.3 | +74:34:21  | 300        | 0           | 3.0         | #2 SN Observat | 2          |                 |
| 0137.CHCyg    | 2               | 10:33           | 19:24:33.0 | +50:14:30  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |
| 0138.CHCyg    | 1               | 10:33           | 19:24:33.0 | +50:14:30  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |
| 0139.CHCyg    | 6               | 10:34           | 19:24:33.0 | +50:14:30  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |
| 0140.COMP     | 10              | 10:34           | 19:24:33.0 | +50:14:30  | 300        | 0           | 3.0         | #12 Symbiotic  | 2          |                 |
| 0141.BFCyg    | 10              | 10:37           | 19:23:53.0 | +29:40:27  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0142.BFCyg    | 10              | 10:37           | 19:23:53.0 | +29:40:27  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0143.BFCyg    | 30              | 10:38           | 19:23:53.0 | +29:40:27  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0144.COMP     | 10              | 10:39           | 19:23:53.0 | +29:40:27  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0145.CICyg    | 2               | 10:41           | 19:50:12.0 | +35:41:02  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0146.CICyg    | 6               | 10:42           | 19:50:12.0 | +35:41:02  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0147.CICyg    | 30              | 10:42           | 19:50:12.0 | +35:41:02  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0148.CICyg    | 90              | 10:43           | 19:50:12.0 | +35:41:02  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0149.COMP     | 10              | 10:45           | 19:50:12.0 | +35:41:02  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0150.V2491Cyg | 20              | 10:48           | 19:43:02.0 | +32:19:14  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0151.V2491Cyg | 20              | 10:49           | 19:43:02.0 | +32:19:14  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |

UT Date 2008-05-14 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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0152.V2491Cyg  | 90              | 10:49           | 19:43:02.0 | +32:19:14  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0153.COMP      | 10              | 10:51           | 19:43:02.0 | +32:19:14  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0154.PUVu1     | 2               | 10:52           | 20:21:13.0 | +21:34:21  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0155.PUVu1     | 12              | 10:53           | 20:21:13.0 | +21:34:21  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0156.PUVu1     | 60              | 10:53           | 20:21:13.0 | +21:34:21  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0157.PUVu1     | 180             | 10:55           | 20:21:13.0 | +21:34:21  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0158.COMP      | 10              | 10:58           | 20:21:13.0 | +21:34:21  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0159.BIAS      | 0               | 11:07           | 19:54:00.0 | +18:47:00  | 300        | 90          | 3.0         | #165 Quasar Br | 2          | engin           |
| 0160-0168.BIAS | 0               | 11:09           | 19:54:00.0 | +18:47:00  | 300        | 90          | 3.0         | #165 Quasar Br | 2          |                 |
| 0169-0183.FLAT | 25              | 11:18           | 19:54:00.0 | +18:47:00  | 300        | 90          | 3.0         | #165 Quasar Br | 2          |                 |

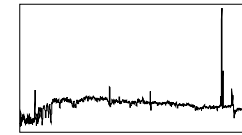


UT Date 2008-05-28 Observers W PetersColl. Focus 1310 Grating/Grism 300

| <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> |
|--------------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0005.BIAS          | 0               | 01:24           | 04:27:55.8 | +31:29:24  | 300        | 90          | 3.0         | #165 Quasar Br | 2          | testing         |
| 0006-0010.DARK     | 900             | 02:38           | 04:27:55.8 | +31:29:24  | 300        | 90          | 3.0         | #165 Quasar Br | 2          |                 |
| 0011-0020.BIAS     | 0               | 02:59           | 04:27:55.8 | +31:29:24  | 300        | 90          | 3.0         | #165 Quasar Br | 2          |                 |
| 0021-0035.FLAT     | 25              | 03:08           | 04:27:55.8 | +31:29:24  | 300        | 90          | 3.0         | #165 Quasar Br | 2          |                 |
| 0036.HD84937       | 20              | 03:27           | 09:48:56.1 | +13:44:39  | 300        | 57          | 3.0         | #56 Spectropho | 2          |                 |
| 0037.HD84937       | 20              | 03:28           | 09:48:56.1 | +13:44:39  | 300        | 57          | 3.0         | #56 Spectropho | 2          |                 |
| 0038.HD84937       | 20              | 03:28           | 09:48:56.1 | +13:44:39  | 300        | 57          | 3.0         | #56 Spectropho | 2          |                 |
| 0039.COMP          | 10              | 03:29           | 09:48:56.1 | +13:44:39  | 300        | 57          | 3.0         | #56 Spectropho | 2          |                 |
| 0040.Feige34       | 180             | 03:35           | 10:39:36.7 | +43:06:09  | 300        | 105         | 3.0         | #56 Spectropho | 2          |                 |
| 0041.Feige34       | 180             | 03:38           | 10:39:36.7 | +43:06:09  | 300        | 105         | 3.0         | #56 Spectropho | 2          |                 |
| 0042.COMP          | 10              | 03:42           | 10:39:36.7 | +43:06:09  | 300        | 105         | 3.0         | #56 Spectropho | 2          |                 |
| 0043.TXCVn         | 10              | 03:48           | 12:44:42.0 | +36:45:48  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0044.TXCVn         | 30              | 03:49           | 12:44:42.0 | +36:45:48  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0045.COMP          | 10              | 03:50           | 12:44:42.0 | +36:45:48  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0046.SDSS1004+4231 | 1200            | 03:57           | 10:04:01.3 | +42:31:23  | 300        | 93          | 3.0         | #165 Quasar Br | 2          |                 |
| 0047.SDSS1004+4231 | 1200            | 04:17           | 10:04:01.3 | +42:31:23  | 300        | 93          | 3.0         | #165 Quasar Br | 2          |                 |
| 0048.SDSS1004+4231 | 1200            | 04:37           | 10:04:01.3 | +42:31:23  | 300        | 93          | 3.0         | #165 Quasar Br | 2          |                 |
| 0049.COMP          | 10              | 04:58           | 10:04:01.3 | +42:31:23  | 300        | 93          | 3.0         | #165 Quasar Br | 2          |                 |
| 0050.SDSS1113+0914 | 1200            | 05:10           | 11:13:16.4 | +09:14:39  | 300        | 61          | 3.0         | #165 Quasar Br | 2          |                 |
| 0051.SDSS1113+0914 | 1200            | 05:30           | 11:13:16.4 | +09:14:39  | 300        | 61          | 3.0         | #165 Quasar Br | 2          |                 |

UT Date 2008-05-28 Observers W PetersColl. 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> |
|----------------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0052.SDSS1113+0914   | 1200            | 05:51           | 11:13:16.4 | +09:14:39  | 300        | 61          | 3.0         | #165 Quasar Br | 2          |                 |
| 0053.COMP            | 10              | 06:14           | 11:13:16.4 | +09:14:39  | 300        | 61          | 3.0         | #165 Quasar Br | 2          |                 |
| 0054.BDp262606       | 60              | 06:19           | 14:49:02.4 | +25:42:09  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0055.BDp262606       | 60              | 06:20           | 14:49:02.4 | +25:42:09  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0056.BDp262606       | 60              | 06:21           | 14:49:02.4 | +25:42:09  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0057.COMP            | 10              | 06:23           | 14:49:02.4 | +25:42:09  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0058.BDp332642       | 120             | 06:26           | 15:51:59.9 | +32:56:54  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0059.BDp332642       | 120             | 06:29           | 15:51:59.9 | +32:56:54  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0060.COMP            | 10              | 06:31           | 15:51:59.9 | +32:56:54  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0061.N5866           | 180             | 06:35           | 15:06:29.5 | +55:45:48  | 300        | 90          | 3.0         | #57 Velocity S | 2          |                 |
| 0062.N5866           | 180             | 06:39           | 15:06:29.5 | +55:45:48  | 300        | 90          | 3.0         | #57 Velocity S | 2          |                 |
| 0063.COMP            | 10              | 06:49           | 15:06:29.5 | +55:45:48  | 300        | 90          | 3.0         | #57 Velocity S | 2          |                 |
| 0064.snf20080514-002 | 1800            | 07:03           | 13:29:12.8 | +11:16:21  | 300        | 60          | 3.0         | #2 SN Observat | 2          |                 |
| 0065.COMP            | 10              | 07:34           | 13:29:12.8 | +11:16:21  | 300        | 60          | 3.0         | #2 SN Observat | 2          |                 |
| 0066.AGDra           | 2               | 07:42           | 16:01:41.0 | +66:48:10  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0067.AGDra           | 15              | 07:43           | 16:01:41.0 | +66:48:10  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0068.AGDra           | 45              | 07:43           | 16:01:41.0 | +66:48:10  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0069.COMP            | 10              | 07:45           | 16:01:41.0 | +66:48:10  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0070.sn2008c1        | 1800            | 07:58           | 16:11:04.4 | +52:27:08  | 300        | 90          | 3.0         | #2 SN Observat | 2          |                 |
| 0071.COMP            | 10              | 08:29           | 16:11:04.4 | +52:27:08  | 300        | 90          | 3.0         | #2 SN Observat | 2          |                 |

UT Date 2008-05-28 Observers W PetersColl. 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> |
|---------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0072.AS210    | 5               | 08:42           | 16:51:20.3 | -26:00:33  | 300        | 12          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0073.AS210    | 300             | 08:42           | 16:51:20.3 | -26:00:33  | 300        | 12          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0074.COMP     | 10              | 08:49           | 16:51:20.3 | -26:00:33  | 300        | 12          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0075.Hen1341  | 12              | 08:59           | 17:08:36.0 | -17:26:30  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0076.Hen1341  | 30              | 09:00           | 17:08:36.0 | -17:26:30  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0077.Hen1341  | 60              | 09:01           | 17:08:36.0 | -17:26:30  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0078.COMP     | 10              | 09:03           | 17:08:36.0 | -17:26:30  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0079.DracoC1  | 1200            | 09:13           | 17:19:58.0 | +57:50:06  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0080.COMP     | 10              | 09:33           | 17:19:58.0 | +57:50:06  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0081.sn2008bo | 1800            | 09:48           | 18:19:54.3 | +74:34:21  | 300        | -10         | 3.0         | #2 SN Observat | 2          |                 |
| 0082.COMP     | 10              | 10:19           | 18:19:54.3 | +74:34:21  | 300        | -10         | 3.0         | #2 SN Observat | 2          |                 |
| 0083.RSOph    | 10              | 10:29           | 17:50:13.0 | -06:42:30  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0084.RSOph    | 60              | 10:30           | 17:50:13.0 | -06:42:30  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0085.RSOph    | 150             | 10:31           | 17:50:13.0 | -06:42:30  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0086.COMP     | 10              | 10:35           | 17:50:13.0 | -06:42:30  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0087.AS270    | 60              | 10:38           | 18:05:33.7 | -20:20:38  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0088.AS270    | 300             | 10:40           | 18:05:33.7 | -20:20:38  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0089.COMP     | 10              | 10:46           | 18:05:33.7 | -20:20:38  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0090.Hen1591  | 120             | 10:54           | 18:07:32.0 | -25:53:43  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0091.Hen1591  | 300             | 10:56           | 18:07:32.0 | -25:53:43  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |

UT Date 2008-05-28 Observers W PetersColl. 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.COMP      | 10              | 11:02           | 18:07:32.0 | -25:53:43  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0093.BFCyg     | 1               | 11:07           | 19:23:53.0 | +29:40:27  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0094.BFCyg     | 60              | 11:08           | 19:23:53.0 | +29:40:27  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0095.COMP      | 10              | 11:09           | 19:23:53.0 | +29:40:27  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0096.3C390.3   | 300             | 11:18           | 18:42:09.0 | +79:46:17  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                 |
| 0097.3C390.3   | 300             | 11:23           | 18:42:09.0 | +79:46:17  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                 |
| 0098.COMP      | 10              | 11:29           | 18:42:09.0 | +79:46:17  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                 |
| 0099-0108.BIAS | 0               | 11:37           | 18:42:09.0 | +79:46:17  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0109-0123.FLAT | 25              | 11:47           | 18:42:09.0 | +79:46:17  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0124-0128.DARK | 900             | 12:55           | 18:42:09.0 | +79:46:17  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |

UT Date 2008-05-29 Observers W PetersColl. 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> |
|----------------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0001.COMP            | 10              | 01:11           | 18:42:09.0 | +79:46:17  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0002-0006.DARK       | 900             | 02:15           | 18:42:09.0 | +79:46:17  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0007-0016.BIAS       | 0               | 02:35           | 18:42:09.0 | +79:46:17  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0017-0031.FLAT       | 25              | 02:44           | 18:42:09.0 | +79:46:17  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0032.HD84937         | 20              | 03:26           | 09:48:56.1 | +13:44:39  | 300        | 57          | 3.0         | #56 Spectropho | 2          |                 |
| 0033.HD84937         | 20              | 03:27           | 09:48:56.1 | +13:44:39  | 300        | 57          | 3.0         | #56 Spectropho | 2          |                 |
| 0034.HD84937         | 20              | 03:27           | 09:48:56.1 | +13:44:39  | 300        | 57          | 3.0         | #56 Spectropho | 2          |                 |
| 0035.COMP            | 10              | 03:28           | 09:48:56.1 | +13:44:39  | 300        | 57          | 3.0         | #56 Spectropho | 2          |                 |
| 0036.Feige34         | 180             | 03:32           | 10:39:36.7 | +43:06:09  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0037.Feige34         | 180             | 03:36           | 10:39:36.7 | +43:06:09  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0038.COMP            | 10              | 03:39           | 10:39:36.7 | +43:06:09  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0039.sn2008bj        | 1800            | 03:59           | 11:51:47.8 | +46:52:30  | 300        | 90          | 3.0         | #2 SN Observat | 2          |                 |
| 0040.COMP            | 10              | 04:31           | 11:51:47.8 | +46:52:30  | 300        | 90          | 3.0         | #2 SN Observat | 2          |                 |
| 0041.N4853           | 240             | 04:35           | 12:58:35.2 | +27:35:47  | 300        | 90          | 3.0         | #57 Velocity S | 2          |                 |
| 0042.COMP            | 10              | 04:39           | 12:58:35.2 | +27:35:47  | 300        | 90          | 3.0         | #57 Velocity S | 2          |                 |
| 0043.sn2008bn        | 1800            | 04:48           | 12:16:25.5 | +47:01:41  | 300        | 90          | 3.0         | #2 SN Observat | 2          |                 |
| 0044.COMP            | 10              | 05:31           | 12:16:25.5 | +47:01:41  | 300        | 90          | 3.0         | #2 SN Observat | 2          |                 |
| 0045.snf20080514-002 | 1800            | 05:40           | 13:29:12.8 | +11:16:21  | 300        | 32          | 3.0         | #2 SN Observat | 2          |                 |
| 0046.COMP            | 10              | 06:11           | 13:29:12.8 | +11:16:21  | 300        | 32          | 3.0         | #2 SN Observat | 2          |                 |
| 0047.BDp262606       | 60              | 06:23           | 14:49:02.4 | +25:42:09  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |

UT Date 2008-05-29 Observers W PetersColl. 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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0048.BDp262606 | 60              | 06:24           | 14:49:02.4 | +25:42:09  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0049.BDp262606 | 60              | 06:25           | 14:49:02.4 | +25:42:09  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0050.COMP      | 10              | 06:27           | 14:49:02.4 | +25:42:09  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0051.BDp332642 | 120             | 06:30           | 15:51:59.9 | +32:56:54  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0052.BDp332642 | 120             | 06:32           | 15:51:59.9 | +32:56:54  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0053.COMP      | 10              | 06:35           | 15:51:59.9 | +32:56:54  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0054.RWHya     | 2               | 06:39           | 13:34:18.0 | -25:22:51  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0055.RWHya     | 10              | 06:39           | 13:34:18.0 | -25:22:51  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0056.RWHya     | 20              | 06:39           | 13:34:18.0 | -25:22:51  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0057.COMP      | 10              | 06:40           | 13:34:18.0 | -25:22:51  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0058.TCrB      | 15              | 06:43           | 15:59:30.0 | +25:55:12  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0059.TCrB      | 60              | 06:43           | 15:59:30.0 | +25:55:12  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0060.COMP      | 10              | 06:45           | 15:59:30.0 | +25:55:12  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0061.AGDra     | 2               | 06:48           | 16:01:41.0 | +66:48:10  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0062.AGDra     | 15              | 06:49           | 16:01:41.0 | +66:48:10  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0063.AGDra     | 45              | 06:49           | 16:01:41.0 | +66:48:10  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0064.COMP      | 10              | 06:51           | 16:01:41.0 | +66:48:10  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0065.N4151     | 30              | 07:07           | 12:10:32.6 | +39:24:21  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                 |
| 0066.N4151     | 30              | 07:08           | 12:10:32.6 | +39:24:21  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                 |
| 0067.N4151     | 90              | 07:09           | 12:10:32.6 | +39:24:21  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                 |

UT Date 2008-05-29 Observers W PetersColl. 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>              |
|--------------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|------------------------------|
| 0068.COMP          | 10              | 07:11           | 12:10:32.6 | +39:24:21  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                              |
| 0069.MRK279        | 180             | 07:19           | 13:53:03.5 | +69:18:29  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                              |
| 0070.MRK279        | 180             | 07:22           | 13:53:03.5 | +69:18:29  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                              |
| 0071.COMP          | 10              | 07:26           | 13:53:03.5 | +69:18:29  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                              |
| 0072.N5548         | 180             | 07:42           | 14:17:59.6 | +25:08:12  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                              |
| 0073.N5548         | 180             | 07:45           | 14:17:59.6 | +25:08:12  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                              |
| 0074.COMP          | 10              | 07:53           | 14:17:59.6 | +25:08:12  | 300        | 90          | 3.0         | #6 AGN Monitor | 2          |                              |
| 0075.XS03290B1_021 | 900             | 08:19           | 14:38:47.3 | +03:29:50  | 300        | 49          | 3.0         | #129 ChaMP Sou | 2          |                              |
| 0076.COMP          | 10              | 08:34           | 14:38:47.3 | +03:29:50  | 300        | 49          | 3.0         | #129 ChaMP Sou | 2          |                              |
| 0077.XS03290B3_009 | 900             | 08:41           | 14:38:19.9 | +03:34:43  | 300        | 50          | 3.0         | #129 ChaMP Sou | 2          |                              |
| 0078.COMP          | 10              | 08:56           | 14:38:19.9 | +03:34:43  | 300        | 50          | 3.0         | #129 ChaMP Sou | 2          |                              |
| 0079.XS03290B3_004 | 600             | 09:02           | 14:38:27.4 | +03:32:53  | 300        | 90          | 3.0         | #129 ChaMP Sou | 2          |                              |
| 0080.COMP          | 10              | 09:14           | 14:38:27.4 | +03:32:53  | 300        | 90          | 3.0         | #129 ChaMP Sou | 2          |                              |
| 0081.AS281         | 60              | 09:22           | 18:10:44.0 | -27:57:57  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          | science object at image y=87 |
| 0082.AS281         | 360             | 09:23           | 18:10:44.0 | -27:57:57  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                              |
| 0083.COMP          | 10              | 09:29           | 18:10:44.0 | -27:57:57  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                              |
| 0084.AS289         | 15              | 09:33           | 18:12:22.0 | -11:40:08  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                              |
| 0085.AS289         | 120             | 09:34           | 18:12:22.0 | -11:40:08  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                              |
| 0086.COMP          | 10              | 09:36           | 18:12:22.0 | -11:40:08  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                              |
| 0087.YYHer         | 10              | 09:40           | 18:14:34.0 | +20:59:19  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                              |

UT Date 2008-05-29 Observers W PetersColl. 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> |
|--------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0088.YYHer   | 60              | 09:41           | 18:14:34.0 | +20:59:19  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0089.COMP    | 10              | 09:42           | 18:14:34.0 | +20:59:19  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0090.AS296   | 5               | 09:44           | 18:15:07.0 | -00:18:52  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0091.COMP    | 10              | 09:45           | 18:15:07.0 | -00:18:52  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0092.Hen1674 | 120             | 09:48           | 18:20:19.1 | -26:22:46  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0093.Hen1674 | 600             | 09:51           | 18:20:19.1 | -26:22:46  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0094.COMP    | 10              | 10:02           | 18:20:19.1 | -26:22:46  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0095.V443Her | 5               | 10:05           | 18:22:07.0 | +23:27:20  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0096.V443Her | 45              | 10:05           | 18:22:07.0 | +23:27:20  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0097.V443Her | 90              | 10:07           | 18:22:07.0 | +23:27:20  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0098.COMP    | 10              | 10:09           | 18:22:07.0 | +23:27:20  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0099.AS316   | 30              | 10:13           | 18:42:33.0 | -21:17:47  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0100.AS316   | 300             | 10:14           | 18:42:33.0 | -21:17:47  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0101.COMP    | 10              | 10:20           | 18:42:33.0 | -21:17:47  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0102.AS327   | 30              | 10:23           | 18:53:17.0 | -24:22:59  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0103.AS327   | 300             | 10:24           | 18:53:17.0 | -24:22:59  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0104.COMP    | 10              | 10:30           | 18:53:17.0 | -24:22:59  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0105.AS338   | 90              | 10:35           | 19:03:47.0 | +16:26:17  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0106.AS338   | 600             | 10:36           | 19:03:47.0 | +16:26:17  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0107.COMP    | 10              | 10:48           | 19:03:47.0 | +16:26:17  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |



UT Date 2008-05-29 Observers W PetersColl. 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> |
|--------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0108.V919Sgr | 15              | 10:51           | 19:03:45.0 | -16:59:56  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0109.V919Sgr | 30              | 10:51           | 19:03:45.0 | -16:59:56  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0110.COMP    | 10              | 10:53           | 19:03:45.0 | -16:59:56  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0111.CHCyg   | 1               | 10:56           | 19:24:33.0 | +50:14:30  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0112.CHCyg   | 5               | 10:56           | 19:24:33.0 | +50:14:30  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0113.CHCyg   | 30              | 10:56           | 19:24:33.0 | +50:14:30  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0114.COMP    | 10              | 10:57           | 19:24:33.0 | +50:14:30  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0115.ZAnd    | 1               | 11:01           | 23:33:40.0 | +48:49:06  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0116.ZAnd    | 5               | 11:02           | 23:33:40.0 | +48:49:06  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0117.ZAnd    | 30              | 11:02           | 23:33:40.0 | +48:49:06  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0118.COMP    | 10              | 11:03           | 23:33:40.0 | +48:49:06  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0119.PUVul   | 1               | 11:05           | 20:21:13.0 | +21:34:21  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0120.PUVul   | 10              | 11:06           | 20:21:13.0 | +21:34:21  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0121.PUVul   | 60              | 11:06           | 20:21:13.0 | +21:34:21  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0122.COMP    | 10              | 11:08           | 20:21:13.0 | +21:34:21  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0123.CICyg   | 2               | 11:10           | 19:50:12.0 | +35:41:02  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0124.CICyg   | 20              | 11:11           | 19:50:12.0 | +35:41:02  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0125.CICyg   | 60              | 11:11           | 19:50:12.0 | +35:41:02  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0126.COMP    | 10              | 11:13           | 19:50:12.0 | +35:41:02  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0127.AS360   | 60              | 11:15           | 19:45:49.0 | +18:36:49  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |

UT Date 2008-05-29 Observers W PetersColl. 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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0128.AS360     | 300             | 11:16           | 19:45:49.0 | +18:36:49  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0129.COMP      | 10              | 11:22           | 19:45:49.0 | +18:36:49  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0130.N7331     | 180             | 11:25           | 22:37:04.1 | +34:24:56  | 300        | 90          | 3.0         | #57 Velocity S | 2          |                 |
| 0131.COMP      | 10              | 11:28           | 22:37:04.1 | +34:24:56  | 300        | 90          | 3.0         | #57 Velocity S | 2          |                 |
| 0132-0141.BIAS | 0               | 11:35           | 22:37:04.1 | +34:24:56  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0142-0156.FLAT | 25              | 11:45           | 22:37:04.1 | +34:24:56  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0157-0166.DARK | 900             | 14:10           | 22:37:04.1 | +34:24:56  | 300        | 90          | 3.0         | #56 Spectropho | 4          |                 |

UT Date 2008-05-30 Observers W PetersColl. Focus 1270 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> |
|----------------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0001.COMP            | 10              | 00:54           | 22:37:04.1 | +34:24:56  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0002-0011.BIAS       | 0               | 00:58           | 22:37:04.1 | +34:24:56  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0012-0026.FLAT       | 25              | 01:07           | 22:37:04.1 | +34:24:56  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0027-0031.DARK       | 900             | 02:15           | 22:37:04.1 | +34:24:56  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0032.HD84937         | 20              | 03:20           | 09:48:56.1 | +13:44:39  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0033.HD84937         | 20              | 03:21           | 09:48:56.1 | +13:44:39  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0034.HD84937         | 20              | 03:21           | 09:48:56.1 | +13:44:39  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0035.COMP            | 10              | 03:23           | 09:48:56.1 | +13:44:39  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0036.Feige34         | 180             | 03:28           | 10:39:36.7 | +43:06:09  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0037.Feige34         | 180             | 03:31           | 10:39:36.7 | +43:06:09  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0038.COMP            | 10              | 03:35           | 10:39:36.7 | +43:06:09  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0039.sn2008bf        | 1800            | 03:40           | 12:04:02.9 | +20:14:43  | 300        | 50          | 3.0         | #2 SN Observat | 2          |                 |
| 0040.COMP            | 10              | 04:12           | 12:04:02.9 | +20:14:43  | 300        | 50          | 3.0         | #2 SN Observat | 2          |                 |
| 0041.sn2008ax        | 1800            | 04:15           | 12:30:40.8 | +41:38:15  | 300        | 90          | 3.0         | #2 SN Observat | 2          |                 |
| 0042.COMP            | 10              | 04:46           | 12:30:40.8 | +41:38:15  | 300        | 90          | 3.0         | #2 SN Observat | 2          |                 |
| 0043.snf20080514-002 | 1800            | 04:54           | 13:29:12.8 | +11:16:21  | 300        | 18          | 3.0         | #2 SN Observat | 2          |                 |
| 0044.COMP            | 10              | 05:25           | 13:29:12.8 | +11:16:21  | 300        | 18          | 3.0         | #2 SN Observat | 2          |                 |
| 0045.N5846           | 180             | 05:33           | 15:06:29.3 | +01:36:20  | 300        | 89          | 3.0         | #57 Velocity S | 2          |                 |
| 0046.COMP            | 10              | 05:41           | 15:06:29.3 | +01:36:20  | 300        | 89          | 3.0         | #57 Velocity S | 2          |                 |
| 0047.BDp262606       | 60              | 05:52           | 14:49:02.4 | +25:42:09  | 300        | 89          | 3.0         | #56 Spectropho | 2          |                 |

UT Date 2008-05-30 Observers W PetersColl. Focus 1270 Grating/Grism 600

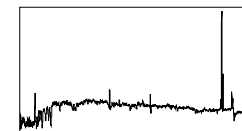
| <i>File</i>      | <i>Exp Time</i> | <i>UT Start</i> | <i>RA</i>  | <i>Dec</i> | <i>Gr.</i> | <i>P.A.</i> | <i>Slit</i> | <i>Program</i> | <i>Bin</i> | <i>Comments</i> |
|------------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0048.BDp262606   | 60              | 05:53           | 14:49:02.4 | +25:42:09  | 300        | 89          | 3.0         | #56 Spectropho | 2          |                 |
| 0049.BDp262606   | 60              | 05:55           | 14:49:02.4 | +25:42:09  | 300        | 89          | 3.0         | #56 Spectropho | 2          |                 |
| 0050.COMP        | 10              | 05:57           | 14:49:02.4 | +25:42:09  | 300        | 89          | 3.0         | #56 Spectropho | 2          |                 |
| 0051.BDp332642   | 120             | 05:59           | 15:51:59.9 | +32:56:54  | 300        | 89          | 3.0         | #56 Spectropho | 2          |                 |
| 0052.BDp332642   | 120             | 06:01           | 15:51:59.9 | +32:56:54  | 300        | 89          | 3.0         | #56 Spectropho | 2          |                 |
| 0053.COMP        | 10              | 06:04           | 15:51:59.9 | +32:56:54  | 300        | 89          | 3.0         | #56 Spectropho | 2          |                 |
| 0060.bcand836    | 1380            | 07:35           | 17:19:47.9 | +59:16:04  | 600        | 89          | 1.5         | #182 Runaway B | 4          |                 |
| 0061.COMP        | 10              | 07:59           | 17:19:47.9 | +59:16:04  | 600        | 89          | 1.5         | #182 Runaway B | 4          |                 |
| 0062.hs1914p7139 | 360             | 08:03           | 19:14:10.0 | +71:44:41  | 600        | 89          | 1.5         | #182 Runaway B | 4          |                 |
| 0063.COMP        | 10              | 08:09           | 19:14:10.0 | +71:44:41  | 600        | 89          | 1.5         | #182 Runaway B | 4          |                 |
| 0064.bcand836    | 1380            | 08:13           | 17:19:47.9 | +59:16:04  | 600        | 89          | 1.5         | #182 Runaway B | 4          |                 |
| 0065.COMP        | 10              | 08:36           | 17:19:47.9 | +59:16:04  | 600        | 89          | 1.5         | #182 Runaway B | 4          |                 |
| 0066.hs1914p7139 | 360             | 08:40           | 19:14:10.0 | +71:44:41  | 600        | 89          | 1.5         | #182 Runaway B | 4          |                 |
| 0067.COMP        | 10              | 08:46           | 19:14:10.0 | +71:44:41  | 600        | 89          | 1.5         | #182 Runaway B | 4          |                 |
| 0068.bcand836    | 1380            | 08:49           | 17:19:47.9 | +59:16:04  | 600        | 89          | 1.5         | #182 Runaway B | 4          |                 |
| 0069.COMP        | 10              | 09:13           | 17:19:47.9 | +59:16:04  | 600        | 89          | 1.5         | #182 Runaway B | 4          |                 |
| 0070.hs1914p7139 | 360             | 09:16           | 19:14:10.0 | +71:44:41  | 600        | 89          | 1.5         | #182 Runaway B | 4          |                 |
| 0071.COMP        | 10              | 09:23           | 19:14:10.0 | +71:44:41  | 600        | 89          | 1.5         | #182 Runaway B | 4          |                 |
| 0072.bcand836    | 1380            | 09:25           | 17:19:47.9 | +59:16:04  | 600        | 89          | 1.5         | #182 Runaway B | 4          |                 |
| 0073.COMP        | 10              | 09:49           | 17:19:47.9 | +59:16:04  | 600        | 89          | 1.5         | #182 Runaway B | 4          |                 |

UT Date 2008-05-30 Observers W PetersColl. Focus 1270 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> |
|------------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0074.hs1914p7139 | 360             | 09:52           | 19:14:10.0 | +71:44:41  | 600        | 89          | 1.5         | #182 Runaway B | 4          |                 |
| 0075.COMP        | 10              | 09:59           | 19:14:10.0 | +71:44:41  | 600        | 89          | 1.5         | #182 Runaway B | 4          |                 |
| 0076.bcand836    | 1380            | 10:01           | 17:19:47.9 | +59:16:04  | 600        | 89          | 1.5         | #182 Runaway B | 4          |                 |
| 0077.COMP        | 10              | 10:26           | 17:19:47.9 | +59:16:04  | 600        | 89          | 1.5         | #182 Runaway B | 4          |                 |
| 0078.hs1914p7139 | 360             | 10:28           | 19:14:10.0 | +71:44:41  | 600        | 89          | 1.5         | #182 Runaway B | 4          |                 |
| 0079.COMP        | 10              | 10:35           | 19:14:10.0 | +71:44:41  | 600        | 89          | 1.5         | #182 Runaway B | 4          |                 |
| 0080.bcand836    | 1380            | 10:38           | 17:19:47.9 | +59:16:04  | 600        | 89          | 1.5         | #182 Runaway B | 4          |                 |
| 0081.COMP        | 10              | 11:02           | 17:19:47.9 | +59:16:04  | 600        | 89          | 1.5         | #182 Runaway B | 4          |                 |
| 0082.hs1914p7139 | 360             | 11:04           | 19:14:10.0 | +71:44:41  | 600        | 89          | 1.5         | #182 Runaway B | 4          |                 |
| 0083.COMP        | 10              | 11:10           | 19:14:10.0 | +71:44:41  | 600        | 89          | 1.5         | #182 Runaway B | 4          |                 |
| 0084.BDp174708   | 60              | 11:16           | 22:11:31.4 | +18:05:34  | 600        | -56         | 1.5         | #56 Spectropho | 4          |                 |
| 0085.COMP        | 10              | 11:17           | 22:11:31.4 | +18:05:34  | 600        | -56         | 1.5         | #56 Spectropho | 4          |                 |
| 0086.BDp284211   | 110             | 11:28           | 21:51:11.0 | +28:51:50  | 600        | 100         | 1.5         | #56 Spectropho | 4          |                 |
| 0087.BDp284211   | 110             | 11:30           | 21:51:11.0 | +28:51:50  | 600        | 100         | 1.5         | #56 Spectropho | 4          |                 |
| 0088.COMP        | 10              | 11:32           | 21:51:11.0 | +28:51:50  | 600        | 100         | 1.5         | #56 Spectropho | 4          |                 |
| 0089-0098.FLAT   | 60              | 11:50           | 21:51:11.0 | +28:51:50  | 600        | 90          | 1.5         | #56 Spectropho | 4          |                 |
| 0099-0108.BIAS   | 0               | 11:52           | 21:51:11.0 | +28:51:50  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0109-0113.DARK   | 900             | 12:56           | 21:51:11.0 | +28:51:50  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0114-0118.DARK   | 900             | 14:12           | 21:51:11.0 | +28:51:50  | 600        | 90          | 1.5         | #182 Runaway B | 2          |                 |

UT Date 2008-05-31 Observers W PetersColl. Focus 1270 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> |
|----------------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0007-0016.BIAS       | 0               | 01:15           | 21:51:11.0 | +28:51:50  | 300        | 90          | 3.0         | #0 startup     | 2          |                 |
| 0017-0031.FLAT       | 25              | 01:25           | 21:51:11.0 | +28:51:50  | 300        | 90          | 3.0         | #0 startup     | 2          |                 |
| 0032-0036.DARK       | 900             | 02:33           | 21:51:11.0 | +28:51:50  | 300        | 90          | 3.0         | #0 startup     | 2          |                 |
| 0037.HD84937         | 20              | 03:30           | 09:48:56.1 | +13:44:39  | 300        | 58          | 3.0         | #56 Spectropho | 2          |                 |
| 0038.HD84937         | 20              | 03:31           | 09:48:56.1 | +13:44:39  | 300        | 58          | 3.0         | #56 Spectropho | 2          |                 |
| 0039.HD84937         | 20              | 03:31           | 09:48:56.1 | +13:44:39  | 300        | 58          | 3.0         | #56 Spectropho | 2          |                 |
| 0040.COMP            | 10              | 03:32           | 09:48:56.1 | +13:44:39  | 300        | 58          | 3.0         | #56 Spectropho | 2          |                 |
| 0041.Feige34         | 180             | 03:38           | 10:39:36.7 | +43:06:09  | 300        | 103         | 3.0         | #56 Spectropho | 2          |                 |
| 0042.Feige34         | 180             | 03:41           | 10:39:36.7 | +43:06:09  | 300        | 103         | 3.0         | #56 Spectropho | 2          |                 |
| 0043.COMP            | 10              | 03:45           | 10:39:36.7 | +43:06:09  | 300        | 103         | 3.0         | #56 Spectropho | 2          |                 |
| 0044.N4853           | 240             | 03:49           | 12:58:35.2 | +27:35:47  | 300        | 90          | 3.0         | #57 Velocity S | 2          |                 |
| 0045.COMP            | 10              | 03:54           | 12:58:35.2 | +27:35:47  | 300        | 90          | 3.0         | #57 Velocity S | 2          |                 |
| 0046.snf20080514-002 | 1800            | 03:58           | 13:29:12.8 | +11:16:21  | 300        | -13         | 3.0         | #2 SN Observat | 2          |                 |
| 0047.COMP            | 10              | 04:30           | 13:29:12.8 | +11:16:21  | 300        | -13         | 3.0         | #2 SN Observat | 2          |                 |
| 0048.snf20080522-000 | 1800            | 04:45           | 13:36:47.6 | +05:08:30  | 300        | 0           | 3.0         | #2 SN Observat | 2          |                 |
| 0049.COMP            | 10              | 05:15           | 13:36:47.6 | +05:08:30  | 300        | 0           | 3.0         | #2 SN Observat | 2          |                 |
| 0050.snf20080522-011 | 1800            | 05:41           | 15:19:58.9 | +04:54:17  | 300        | -13         | 3.0         | #2 SN Observat | 2          |                 |
| 0051.COMP            | 10              | 06:11           | 15:19:58.9 | +04:54:17  | 300        | -13         | 3.0         | #2 SN Observat | 2          |                 |
| 0052.AGDra           | 2               | 06:21           | 16:01:41.0 | +66:48:10  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0053.AGDra           | 15              | 06:21           | 16:01:41.0 | +66:48:10  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |

UT Date 2008-05-31 Observers W PetersColl. Focus 1270 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> |
|------------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0054.AGDra       | 45              | 06:22           | 16:01:41.0 | +66:48:10  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0055.COMP        | 10              | 06:23           | 16:01:41.0 | +66:48:10  | 300        | 90          | 3.0         | #12 Symbiotic  | 2          |                 |
| 0056.BDp332642   | 120             | 06:39           | 15:51:59.9 | +32:56:54  | 600        | 90          | 1.5         | #56 Spectropho | 4          |                 |
| 0057.BDp332642   | 120             | 06:41           | 15:51:59.9 | +32:56:54  | 600        | 90          | 1.5         | #56 Spectropho | 4          |                 |
| 0058.COMP        | 10              | 06:46           | 15:51:59.9 | +32:56:54  | 600        | 90          | 1.5         | #56 Spectropho | 4          |                 |
| 0059.BDp262606   | 70              | 06:50           | 14:49:02.4 | +25:42:09  | 600        | 90          | 1.5         | #56 Spectropho | 4          |                 |
| 0060.BDp262606   | 70              | 06:51           | 14:49:02.4 | +25:42:09  | 600        | 90          | 1.5         | #56 Spectropho | 4          |                 |
| 0061.COMP        | 10              | 06:53           | 14:49:02.4 | +25:42:09  | 600        | 90          | 1.5         | #56 Spectropho | 4          |                 |
| 0062.bcand836    | 1380            | 07:08           | 17:19:47.9 | +59:16:04  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0063.COMP        | 10              | 07:32           | 17:19:47.9 | +59:16:04  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0064.hs1914p7139 | 360             | 07:38           | 19:14:10.0 | +71:44:41  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0065.COMP        | 10              | 07:45           | 19:14:10.0 | +71:44:41  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0066.bcand836    | 1380            | 07:49           | 17:19:47.9 | +59:16:04  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0067.COMP        | 10              | 08:13           | 17:19:47.9 | +59:16:04  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0068.hs1914p7139 | 360             | 08:16           | 19:14:10.0 | +71:44:41  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0069.COMP        | 10              | 08:23           | 19:14:10.0 | +71:44:41  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0070.bcand836    | 1380            | 08:28           | 17:19:47.9 | +59:16:04  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0071.COMP        | 10              | 08:52           | 17:19:47.9 | +59:16:04  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0072.hs1914p7139 | 360             | 08:54           | 19:14:10.0 | +71:44:41  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0073.COMP        | 10              | 09:02           | 19:14:10.0 | +71:44:41  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |

UT Date 2008-05-31 Observers W PetersColl. Focus 1270 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> |
|------------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0074.bcand836    | 1380            | 09:20           | 17:19:47.9 | +59:16:04  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0075.COMP        | 10              | 09:44           | 17:19:47.9 | +59:16:04  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0076.hs1914p7139 | 360             | 09:48           | 19:14:10.0 | +71:44:41  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0077.COMP        | 10              | 09:54           | 19:14:10.0 | +71:44:41  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0078.bcand836    | 1380            | 09:56           | 17:19:47.9 | +59:16:04  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0079.COMP        | 10              | 10:20           | 17:19:47.9 | +59:16:04  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0080.hs1914p7139 | 360             | 10:24           | 19:14:10.0 | +71:44:41  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0081.COMP        | 10              | 10:30           | 19:14:10.0 | +71:44:41  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0082.bcand836    | 1380            | 10:35           | 17:19:47.9 | +59:16:04  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0083.COMP        | 10              | 11:00           | 17:19:47.9 | +59:16:04  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0084.hs1914p7139 | 360             | 11:04           | 19:14:10.0 | +71:44:41  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0085.COMP        | 10              | 11:11           | 19:14:10.0 | +71:44:41  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0086-0095.FLAT   | 60              | 11:29           | 19:14:10.0 | +71:44:41  | 600        | 90          | 1.5         | #182 Runaway B | 4          |                 |
| 0096-0105.BIAS   | 0               | 11:33           | 19:14:10.0 | +71:44:41  | 600        | 90          | 1.5         | #56 Spectropho | 4          |                 |
| 0106-0115.DARK   | 900             | 14:08           | 19:14:10.0 | +71:44:41  | 600        | 90          | 1.5         | #56 Spectropho | 4          |                 |
| 0116-0125.DARK   | 900             | 16:41           | 19:14:10.0 | +71:44:41  | 600        | 90          | 1.5         | #56 Spectropho | 2          |                 |



UT Date 2008-06-01 Observers W PetersColl. Focus 1320 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.COMP            | 10              | 22:15           | 07:27:21.2 | +31:31:28  | 300        | 90          | 3.0         | #57 Velocity S | 2          |                 |
| 0002.COMP            | 5               | 01:52           | 11:01:57.7 | +31:33:12  | 300        | 90          | 3.0         | #57 Velocity S | 2          |                 |
| 0003-0012.BIAS       | 0               | 01:56           | 11:01:57.7 | +31:33:12  | 300        | 90          | 3.0         | #57 Velocity S | 2          |                 |
| 0013-0027.FLAT       | 25              | 02:05           | 11:01:57.7 | +31:33:12  | 300        | 90          | 3.0         | #57 Velocity S | 2          |                 |
| 0028-0032.DARK       | 900             | 03:10           | 11:01:57.7 | +31:33:12  | 300        | 90          | 3.0         | #57 Velocity S | 2          |                 |
| 0033.Feige34         | 180             | 03:58           | 10:39:36.7 | +43:06:09  | 300        | 99          | 3.0         | #56 Spectropho | 2          |                 |
| 0034.Feige34         | 180             | 04:03           | 10:39:36.7 | +43:06:09  | 300        | 99          | 3.0         | #56 Spectropho | 2          |                 |
| 0035.snf20080514-002 | 1800            | 04:12           | 13:29:12.8 | +11:16:21  | 300        | 90          | 3.0         | #2 SN Observat | 2          |                 |
| 0036.COMP            | 5               | 04:53           | 13:29:12.8 | +11:16:21  | 300        | 90          | 3.0         | #2 SN Observat | 2          |                 |
| 0037.snf20080522-000 | 1800            | 05:06           | 13:36:47.6 | +05:08:30  | 300        | 35          | 3.0         | #2 SN Observat | 2          |                 |
| 0038.COMP            | 5               | 05:37           | 13:36:47.6 | +05:08:30  | 300        | 35          | 3.0         | #2 SN Observat | 2          |                 |
| 0039.N4853           | 240             | 05:44           | 12:58:35.2 | +27:35:47  | 300        | 90          | 3.0         | #57 Velocity S | 2          |                 |
| 0040.COMP            | 5               | 05:48           | 12:58:35.2 | +27:35:47  | 300        | 90          | 3.0         | #57 Velocity S | 2          |                 |
| 0041.cirsz066        | 1200            | 05:59           | 13:56:10.3 | +05:39:11  | 300        | 30          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0042.COMP            | 5               | 06:20           | 13:56:10.3 | +05:39:11  | 300        | 30          | 3.0         | #172f SDSS Clu | 2          |                 |
| 0043.BDp262606       | 60              | 06:25           | 14:49:02.4 | +25:42:09  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0044.BDp262606       | 60              | 06:27           | 14:49:02.4 | +25:42:09  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0045.BDp262606       | 60              | 06:28           | 14:49:02.4 | +25:42:09  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0046.COMP            | 5               | 06:29           | 14:49:02.4 | +25:42:09  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |
| 0047.BDp332642       | 120             | 06:32           | 15:51:59.9 | +32:56:54  | 300        | 90          | 3.0         | #56 Spectropho | 2          |                 |

UT Date 2008-06-01 Observers W PetersColl. Focus 1320 Grating/Grism 300

| File                  | Exp Time | UT Start | RA         | Dec       | Gr. | P.A. | Slit | Program        | Bin | Comments |
|-----------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0048.BDp332642        | 120      | 06:34    | 15:51:59.9 | +32:56:54 | 300 | 90   | 3.0  | #56 Spectropho | 2   |          |
| 0049.COMP             | 5        | 06:37    | 15:51:59.9 | +32:56:54 | 300 | 90   | 3.0  | #56 Spectropho | 2   |          |
| 0050.snf20080522-011  | 1800     | 06:46    | 15:19:58.9 | +04:54:17 | 300 | 25   | 3.0  | #2 SN Observat | 2   |          |
| 0051.COMP             | 5        | 07:17    | 15:19:58.9 | +04:54:17 | 300 | 25   | 3.0  | #2 SN Observat | 2   |          |
| 0052.SDSSJ1619+1651   | 1800     | 07:37    | 16:19:27.6 | +16:51:45 | 300 | 35   | 3.0  | #181 Populatio | 2   |          |
| 0053.COMP             | 5        | 08:07    | 16:19:27.6 | +16:51:45 | 300 | 35   | 3.0  | #181 Populatio | 2   |          |
| 0054.cirsz134         | 1200     | 08:16    | 17:11:26.6 | +34:21:05 | 300 | 90   | 3.0  | #172f SDSS Clu | 2   |          |
| 0055.COMP             | 5        | 08:37    | 17:11:26.6 | +34:21:05 | 300 | 90   | 3.0  | #172f SDSS Clu | 2   |          |
| 0056.cirsz137         | 720      | 08:41    | 17:11:58.1 | +33:57:25 | 300 | 90   | 3.0  | #172f SDSS Clu | 2   |          |
| 0057.COMP             | 5        | 08:54    | 17:11:58.1 | +33:57:25 | 300 | 90   | 3.0  | #172f SDSS Clu | 2   |          |
| 0058.18554062+5633334 | 720      | 09:02    | 18:55:40.6 | +56:33:33 | 300 | 20   | 3.0  | #141 Mapping t | 2   |          |
| 0059.COMP             | 5        | 09:15    | 18:55:40.6 | +56:33:33 | 300 | 20   | 3.0  | #141 Mapping t | 2   |          |
| 0060.18560186+3809294 | 720      | 09:21    | 18:56:01.9 | +38:09:29 | 300 | 36   | 3.0  | #141 Mapping t | 2   |          |
| 0061.COMP             | 5        | 09:36    | 18:56:01.9 | +38:09:29 | 300 | 36   | 3.0  | #141 Mapping t | 2   |          |
| 0062.19390601-0003469 | 720      | 09:50    | 19:39:06.0 | -00:03:47 | 300 | -16  | 3.0  | #141 Mapping t | 2   |          |
| 0063.COMP             | 5        | 10:02    | 19:39:06.0 | -00:03:47 | 300 | -16  | 3.0  | #141 Mapping t | 2   |          |
| 0064.19503118+0358056 | 900      | 10:22    | 19:50:31.2 | +03:58:06 | 300 | -6   | 3.0  | #141 Mapping t | 2   |          |
| 0065.COMP             | 5        | 10:41    | 19:50:31.2 | +03:58:06 | 300 | -6   | 3.0  | #141 Mapping t | 2   |          |
| 0066.19552397+0301079 | 900      | 10:47    | 19:55:24.0 | +03:01:08 | 300 | 5    | 3.0  | #141 Mapping t | 2   |          |
| 0067.COMP             | 5        | 11:02    | 19:55:24.0 | +03:01:08 | 300 | 5    | 3.0  | #141 Mapping t | 2   |          |

UT Date 2008-06-01 Observers W PetersColl. Focus 1320 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> |
|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0068-0077.BIAS | 0               | 11:18           | 19:55:24.0 | +03:01:08  | 300        | 90          | 3.0         | #57 Velocity S | 2          |                 |
| 0078-0092.FLAT | 25              | 11:27           | 19:55:24.0 | +03:01:08  | 300        | 90          | 3.0         | #57 Velocity S | 2          |                 |
| 0093-0097.DARK | 900             | 12:30           | 19:55:24.0 | +03:01:08  | 300        | 90          | 3.0         | #57 Velocity S | 2          |                 |