UT Date 2005-05-05 Observers T Groner
Coll. Focus 1000 Grating/Grism $\qquad$ 300

| File | Exp <br> Time | $\begin{aligned} & \text { UT } \\ & \text { Start } \end{aligned}$ | $R A$ | Dec | Gr. | P.A. | Slit | Program | Bir | Comments |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0001-0010.BIAS | 0 | 23:46 | 07:13:42.6 | +31:30:13 | 300 | 90 | 3.0 | \#56 Spectropho | 4 |  |
| 0011-0012.FLAT | 8 | 23:46 | 07:14:25.8 | +31:30:13 | 300 | 90 | 3.0 | \#56 Spectropho | 4 |  |
| 0013-0019.FLAT | 8 | 23:49 | 07:16:48.7 | +31:30:14 | 300 | 90 | 3.0 | \#56 Spectropho | 4 |  |
| 0020.FLAT | 8 | 23:49 | 07:17:06.4 | +31:30:15 | 300 | 90 | 3.0 | \#56 Spectropho | 4 |  |
| 0021-0029.BIAS | 0 | 23:51 | 07:19:07.2 | +31:30:15 | 300 | 90 | 3.0 | \#56 Spectropho | 2 |  |
| 0030.BIAS | 0 | 23:51 | 07:19:20.2 | +31:30:16 | 300 | 90 | 3.0 | \#56 Spectropho | 2 |  |
| 0031-0034.FLAT | 16 | 23:53 | 07:21:26.4 | +31:30:16 | 300 | 90 | 3.0 | \#56 Spectropho | 2 |  |
| 0035-0038.FLAT | 16 | 23:55 | 07:23:27.8 | +31:30:17 | 300 | 90 | 3.0 | \#56 Spectropho | 2 |  |
| 0039-0043.FLAT | 16 | 23:58 | 07:25:59.7 | +31:30:18 | 300 | 90 | 3.0 | \#56 Spectropho | 2 |  |
| 0044-0048.FLAT | 16 | 0:00 | 07:28:31.3 | +31:30:19 | 300 | 90 | 3.0 | \#56 Spectropho | 2 |  |
| 0049-0051.FLAT | 16 | 0:02 | 07:30:02.4 | +31:30:20 | 300 | 90 | 3.0 | \#56 Spectropho | 2 |  |
| 0052.DARK | 900 | 0:05 | 07:47:40.7 | +31:30:27 | 300 | 90 | 3.0 | \#56 Spectropho | 4 |  |
| 0053.DARK | 900 | 0:20 | 08:02:52.0 | +31:30:33 | 300 | 90 | 3.0 | \#56 Spectropho | 4 |  |
| 0054.DARK | 900 | 0:35 | 08:18:06.7 | +31:30:39 | 300 | 90 | 3.0 | \#56 Spectropho | 4 |  |
| 0055.DARK | 900 | 1:16 | 08:59:19.4 | +31:30:55 | 300 | 90 | 3.0 | \#56 Spectropho | 2 |  |
| 0056.DARK | 900 | 1:31 | 09:14:35.3 | +31:31:00 | 300 | 90 | 3.0 | \#56 Spectropho | 2 |  |
| 0057. DARK | 900 | 1:47 | 09:29:51.2 | +31:31:05 | 300 | 90 | 3.0 | \#56 Spectropho | 2 |  |
| 0058.COMP | 5 | 2:16 | 09:41:16.4 | +31:31:08 | 300 | 90 | 3.0 | \#56 Spectropho | 2 |  |
| 0059-0063.sky | 6 | 2:25 | 9:40:00 | 32:00:00 | 300 | 90 | 3.0 | \#57 Velocity S | 2 |  |
| 0064.COMP | 10 | 2:25 | 9:40:00 | 32:00:00 | 300 | 90 | 3.0 | \#57 Velocity S | 2 |  |

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| File | Exp <br> Time | $\begin{aligned} & \text { UT } \\ & \text { Start } \end{aligned}$ | $R A$ | Dec | Gr. | P.A. | Slit | Program | Bir | Comments |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0065.HD84937 | 10 | 2:51 | 09:48:54.8 | 13:45:13 | 300 | 20 | 3.0 | \#56 Spectropho | 2 |  |
| 0066 .HD84937 | 10 | 2:51 | 09:48:54.8 | 13:45:13 | 300 | 20 | 3.0 | \#56 Spectropho | 2 |  |
| 0067.HD84937 | 10 | 2:51 | 09:48:54.8 | 13:45:13 | 300 | 20 | 3.0 | \#56 Spectropho | 2 |  |
| 0068.COMP | 10 | 2:52 | 09:48:54.8 | 13:45:13 | 300 | 20 | 3.0 | \#56 Spectropho | 2 |  |
| 0069.N3377 | 180 | 2:56 | 10:45:02.6 | +14:14:51 | 300 | 90 | 3.0 | \#57 Velocity S | 2 |  |
| 0070.COMP | 10 | 2:59 | 10:45:02.6 | +14:14:51 | 300 | 90 | 3.0 | \#57 Velocity S | 2 |  |
| 0071.N3227 | 300 | 3:03 | 10:23:30.6 | +19:51:54 | 300 | 90 | 3.0 | \#6 AGN Monitor | 2 |  |
| 0072.COMP | 10 | 3:08 | 10:23:30.6 | +19:51:54 | 300 | 90 | 3.0 | \#6 AGN Monitor | 2 |  |
| 0073.N3227 | 150 | 3:09 | 10:23:30.6 | +19:51:54 | 300 | 90 | 3.0 | \#6 AGN Monitor | 2 |  |
| 0074.COMP | 10 | 3:12 | 10:23:30.6 | +19:51:54 | 300 | 90 | 3.0 | \#6 AGN Monitor | 2 |  |
| 0075.2M10473124+3900114 | 300 | 3:16 | 10:47:31.2 | +39:00:11 | 300 | 90 | 3.0 | \#141 Mapping t | 2 |  |
| 0076.COMP | 10 | 3:21 | 10:47:31.2 | +39:00:11 | 300 | 90 | 3.0 | \#141 Mapping t | 2 |  |
| 0077.Feige34 | 120 | 3:26 | 10:39:36.8 | 43:06:10 | 300 | 0 | 3.0 | \#56 Spectropho | 2 |  |
| 0078.COMP | 10 | 3:29 | 10:39:36.8 | 43:06:10 | 300 | 0 | 3.0 | \#56 Spectropho | 2 |  |
| 0079.Feige34 | 120 | 3:29 | 10:39:36.8 | 43:06:10 | 300 | 0 | 3.0 | \#56 Spectropho | 2 |  |
| $0080 . \mathrm{COMP}$ | 10 | 3:32 | 10:39:36.8 | 43:06:10 | 300 | 0 | 3.0 | \#56 Spectropho | 2 |  |
| 0081.2M10460320+3908580 | 360 | 3:38 | 10:46:3.2 | +39:08:58 | 300 | 90 | 3.0 | \#141 Mapping t | 2 |  |
| 0082.COMP | 10 | 3:44 | 10:46:3.2 | +39:08:58 | 300 | 90 | 3.0 | \#141 Mapping t | 2 |  |
| 0083.sn2005bf | 1200 | 3:56 | 10:23:57.2 | -03:11:28 | 300 | 22 | 3.0 | \#2 SN Observat | 2 |  |
| 0084.COMP | 10 | 4:16 | 10:23:57.2 | -03:11:28 | 300 | 22 | 3.0 | \#2 SN Observat | 2 |  |

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| File | Exp Time | $\underset{\text { Start }}{U T}$ | $R A$ | Dec | Gr. | P.A. | Slit | Program | Bir | Comments |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0085.TXCVn | 10 | 4:25 | 12:44:42 | 36:45:48 | 300 | 90 | 3.0 | \#12 Symbiotic | 2 |  |
| 0086.TXCVn | 30 | 4:26 | 12:44:42 | 36:45:48 | 300 | 90 | 3.0 | \#12 Symbiotic | 2 |  |
| 0087.COMP | 10 | 4:27 | 12:44:42 | 36:45:48 | 300 | 90 | 3.0 | \#12 Symbiotic | 2 |  |
| 0088.1913_19 | 600 | 4:51 | 14:26:48.2 | 16:40:46 | 300 | 90 | 3.0 | \#64 Cluster an | 2 |  |
| 0089.COMP | 10 | 5:01 | 14:26:48.2 | 16:40:46 | 300 | 90 | 3.0 | \#64 Cluster an | 2 |  |
| 0090.sn2005az | 1500 | 5:23 | 13:05:46.9 | +27:44:08 | 300 | -40 | 3.0 | \#2 SN Observat | 2 |  |
| 0091.COMP | 10 | 5:49 | 13:05:46.9 | +27:44:08 | 300 | -40 | 3.0 | \#2 SN Observat | 2 |  |
| 0092.TCrB | 10 | 6:43 | 15:59:30 | 25:55:12 | 300 | 90 | 3.0 | \#12 Symbiotic | 2 |  |
| 0093.TCrB | 30 | 6:44 | 15:59:30 | 25:55:12 | 300 | 90 | 3.0 | \#12 Symbiotic | 2 |  |
| 0094.COMP | 10 | 6:45 | 15:59:30 | 25:55:12 | 300 | 90 | 3.0 | \#12 Symbiotic | 2 |  |
| 0095.2M14003658-0254321 | 1800 | 7:12 | 14:00:36.5 | -02:54:32 | 300 | 90 | 3.0 | \#141 Mapping t | 2 |  |
| 0096.COMP | 10 | 7:42 | 14:00:36.5 | -02:54:32 | 300 | 90 | 3.0 | \#141 Mapping t | 2 |  |
| 0097.2M15214119-0731520 | 1800 | 7:48 | 15:21:41.1 | -07:31:52 | 300 | 90 | 3.0 | \#141 Mapping t | 2 |  |
| 0098.COMP | 10 | 8:19 | 15:21:41.1 | -07:31:52 | 300 | 90 | 3.0 | \#141 Mapping t | 2 |  |
| 0099.3C338 | 1800 | 8:40 | 16:28:38.5 | +39:33:06 | 300 | 0 | 3.0 | \#161 FR I_II d | 2 |  |
| 0100.COMP | 10 | 9:10 | 16:28:38.5 | +39:33:06 | 300 | 0 | 3.0 | \#161 FR I_II d | 2 |  |
| 0101.RSOph | 10 | 9:21 | 17:50:13 | -06:42:30 | 300 | 90 | 3.0 | $\# 12$ Symbiotic | 2 |  |
| 0102.RSOph | 60 | 9:22 | 17:50:13 | -06:42:30 | 300 | 90 | 3.0 | \#12 Symbiotic | 2 |  |
| 0103.RSOph | 150 | 9:24 | 17:50:13 | -06:42:30 | 300 | 90 | 3.0 | \#12 Symbiotic | 2 |  |
| 0104.COMP | 10 | 9:27 | 17:50:13 | -06:42:30 | 300 | 90 | 3.0 | \#12 Symbiotic | 2 |  |

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Coll. Focus 1000 Grating/Grism $\qquad$ 0

| File | Exp <br> Time | $\begin{gathered} \text { UT } \\ \text { Start } \end{gathered}$ | $R A$ | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0105.YYHer | 10 | 9:30 | 18:14:34 | 20:59:19 | 300 | 90 | 3.0 | \#12 Symbiotic | 2 |  |
| 0106.YYHer | 60 | 9:31 | 18:14:34 | 20:59:19 | 300 | 90 | 3.0 | \#12 Symbiotic | 2 |  |
| 0107.COMP | 10 | 9:34 | 18:14:34 | 20:59:19 | 300 | 90 | 3.0 | \#12 Symbiotic | 2 |  |
| 0108.sn2004_n6060 | 1300 | 9:44 | 16:05:52.0 | 21:29:05 | 300 | 65 | 3.0 | \#2 SN Observat | 2 |  |
| 0109.COMP | 10 | 10:06 | 16:05:52.0 | 21:29:05 | 300 | 65 | 3.0 | \#2 SN Observat | 2 |  |
| 0110.152348-03230 | 600 | 10:10 | 15:26:20.1 | -03:32:48 | 300 | 90 | 3.0 | \#84f Updated Z | 2 |  |
| 0111. COMP | 10 | 10:21 | 15:26:20.1 | -03:32:48 | 300 | 90 | 3.0 | \#84f Updated Z | 2 |  |
| 0112.2319_09 | 1200 | 10:27 | 19:18:6.1 | 43:48:25 | 300 | 90 | 3.0 | \#64 Cluster an | 2 |  |
| 0113.COMP | 10 | 10:47 | 19:18:6.1 | 43:48:25 | 300 | 90 | 3.0 | \#64 Cluster an | 2 |  |
| 0114.2M18082315+0841030 | 1800 | 10:53 | 18:08:23.1 | +08:41:3 | 300 | 90 | 3.0 | \#141 Mapping t | 2 |  |
| 0115.COMP | 10 | 11:24 | 18:08:23.1 | +08:41:3 | 300 | 90 | 3.0 | \#141 Mapping t | 2 |  |
| 0116-0125.BIAS | 0 | 11:27 | 18:08:23.1 | +08:41:3 | 300 | 90 | 3.0 | \#56 Spectropho | 4 |  |
| 0126-0135.FLAT | 8 | 11:30 | 18:08:23.1 | +08:41:3 | 300 | 90 | 3.0 | \#56 Spectropho | 4 |  |
| 0136-0145.BIAS | 0 | 11:33 | 18:08:23.1 | +08:41:3 | 300 | 90 | 3.0 | \#56 Spectropho | 2 |  |
| 0146-0166.FLAT | 16 | 11:43 | 18:08:23.1 | +08:41:3 | 300 | 90 | 3.0 | \#56 Spectropho | 2 |  |
| 0167-0171.DARK | 900 | 12:57 | 18:08:23.1 | +08:41:3 | 300 | 90 | 3.0 | \#56 Spectropho | 4 |  |
| 0172-0176.DARK | 900 | 14:13 | 18:08:23.1 | +08:41:3 | 300 | 90 | 3.0 | \#56 Spectropho | 2 |  |

