UT Date 2005-05-03 Observers P Berlind
Coll. Focus 1000 Grating/Grism $\qquad$ 300

| File | Exp <br> Time | $U T$ Start | $R A$ | Dec | Gr. | P.A. | Slit | Program | Bir | Comments |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0001.DARK | 900 | 23:20 | 06:55:03.9 | +31:30:05 | 300 | 90 | 3.0 | \#141 Mapping t | 4 |  |
| 0002.DARK | 900 | 23:35 | 07:10:15.1 | +31:30:12 | 300 | 90 | 3.0 | \#141 Mapping t | 4 |  |
| 0003.DARK | 900 | 23:50 | 07:25:29.9 | +31:30:18 | 300 | 90 | 3.0 | \#141 Mapping t | 4 |  |
| 0004.DARK | 900 | 0:06 | 07:40:41.0 | +31:30:24 | 300 | 90 | 3.0 | \#141 Mapping t | 4 |  |
| 0005.DARK | 900 | 0:21 | 07:55:52.2 | +31:30:31 | 300 | 90 | 3.0 | \#141 Mapping t | 4 |  |
| 0006.DARK | 900 | 0:36 | 08:11:07.4 | +31:30:37 | 300 | 90 | 3.0 | \#141 Mapping t | 4 |  |
| 0007. DARK | 900 | 0:51 | 08:26:18.4 | +31:30:43 | 300 | 90 | 3.0 | \#141 Mapping t | 4 |  |
| 0008-0010.BIAS | 0 | 1:06 | 08:26:40.4 | +31:30:43 | 300 | 90 | 3.0 | \#141 Mapping t | 4 |  |
| 0011-0020.BIAS | 0 | 1:09 | 08:29:38.0 | +31:30:44 | 300 | 90 | 3.0 | \#141 Mapping t | 4 |  |
| 0021-0024.FLAT | 8 | 1:11 | 08:31:00.5 | +31:30:44 | 300 | 90 | 3.0 | \#141 Mapping t | 4 |  |
| 0025-0030.FLAT | 8 | 1:13 | 08:33:01.8 | +31:30:45 | 300 | 90 | 3.0 | \#141 Mapping t | 4 |  |
| 0031-0033.BIAS | 0 | 1:13 | 08:33:45.2 | +31:30:45 | 300 | 90 | 3.0 | \#141 Mapping t | 2 |  |
| 0034-0040.BIAS | 0 | 1:15 | 08:35:12.4 | +31:30:46 | 300 | 90 | 3.0 | \#141 Mapping t | 2 |  |
| 0041-0042.FLAT | 16 | 1:16 | 08:36:21.5 | +31:30:46 | 300 | 90 | 3.0 | \#141 Mapping t | 2 |  |
| 0043-0047.FLAT | 16 | 1:18 | 08:38:53.3 | +31:30:47 | 300 | 90 | 3.0 | \#141 Mapping t | 2 |  |
| 0048-0053.FLAT | 16 | 1:21 | 08:41:55.3 | +31:30:48 | 300 | 90 | 3.0 | \#141 Mapping t | 2 |  |
| 0054-0058.FLAT | 16 | 1:24 | 08:44:27.0 | +31:30:49 | 300 | 90 | 3.0 | \#141 Mapping t | 2 |  |
| 0059-0061.FLAT | 16 | 1:25 | 08:45:58.0 | +31:30:50 | 300 | 90 | 3.0 | \#141 Mapping t | 2 |  |
| 0062-0066.sky | 3 | 2:20 | 9:35:00 | 32:00:00 | 300 | 90 | 3.0 | \#57 Velocity S | 4 |  |
| 0067.COMP | 5 | 2:21 | 9:35:00 | 32:00:00 | 300 | 90 | 3.0 | \#57 Velocity S | 4 |  |

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| File | Exp <br> Time | $\begin{gathered} U T \\ \text { Start } \end{gathered}$ | $R A$ | Dec | Gr. | P.A. | Slit | Program | Bir | Comments |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0068.HD52071 | 5 | 2:45 | 06:57:51 | +27:13:42 | 300 | 90 | 3.0 | \#57 Velocity S | 4 |  |
| 0069.HD52071 | 5 | 2:45 | 06:57:51 | +27:13:42 | 300 | 90 | 3.0 | \#57 Velocity S | 4 |  |
| 0070.HD52071 | 5 | 2:45 | 06:57:51 | +27:13:42 | 300 | 90 | 3.0 | \#57 Velocity S | 4 |  |
| 0071. COMP | 5 | 2:46 | 06:57:51 | +27:13:42 | 300 | 90 | 3.0 | \#57 Velocity S | 4 |  |
| 0072.HD84937 | 10 | 2:48 | 09:48:54.8 | 13:45:13 | 300 | 15 | 3.0 | \#56 Spectropho | 2 |  |
| 0073.HD84937 | 10 | 2:49 | 09:48:54.8 | 13:45:13 | 300 | 15 | 3.0 | \#56 Spectropho | 2 |  |
| 0074.HD84937 | 10 | 2:49 | 09:48:54.8 | 13:45:13 | 300 | 15 | 3.0 | \#56 Spectropho | 2 |  |
| 0075. COMP | 10 | 2:50 | 09:48:54.8 | 13:45:13 | 300 | 15 | 3.0 | \#56 Spectropho | 2 |  |
| 0076.N4151 | 30 | 2:52 | 12:10:32.6 | +39:24:21 | 300 | 90 | 3.0 | \#6 AGN Monitor | 2 |  |
| 0077.N4151 | 30 | 2:52 | 12:10:32.6 | +39:24:21 | 300 | 90 | 3.0 | \#6 AGN Monitor | 2 |  |
| 0078.N4151 | 90 | 2:53 | 12:10:32.6 | +39:24:21 | 300 | 90 | 3.0 | \#6 AGN Monitor | 2 |  |
| 0079.COMP | 10 | 2:55 | 12:10:32.6 | +39:24:21 | 300 | 90 | 3.0 | \#6 AGN Monitor | 2 |  |
| 0080.N4051 | 150 | 2:56 | 12:03:09.7 | +44:31:53 | 300 | 90 | 3.0 | \#6 AGN Monitor | 2 |  |
| 0081.N4051 | 150 | 2:58 | 12:03:09.7 | +44:31:53 | 300 | 90 | 3.0 | \#6 AGN Monitor | 2 |  |
| 0082. COMP | 10 | 3:01 | 12:03:09.7 | +44:31:53 | 300 | 90 | 3.0 | \#6 AGN Monitor | 2 |  |
| 0083.N3379 | 180 | 3:04 | 10:45:11.4 | +12:50:48 | 300 | 90 | 3.0 | \#57 Velocity S | 2 |  |
| 0084.COMP | 10 | 3:07 | 10:45:11.4 | +12:50:48 | 300 | 90 | 3.0 | \#57 Velocity S | 2 |  |
| 0085.2M08314246-0539556 | 240 | 3:09 | 08:31:42.4 | -05:39:55 | 300 | 90 | 3.0 | \#141 Mapping t | 4 |  |
| 0086. COMP | 5 | 3:13 | 08:31:42.4 | -05:39:55 | 300 | 90 | 3.0 | \#141 Mapping t | 4 |  |
| 0087. 2M08350295-0510283 | 240 | 3:14 | 08:35:2.9 | -05:10:28 | 300 | 90 | 3.0 | \#141 Mapping t | 4 |  |

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| File | Exp <br> Time | $\begin{gathered} \text { UT } \\ \text { Start } \end{gathered}$ | $R A$ | Dec | Gr. | P.A. | Slit | Program | Bir | Comments |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0088.COMP | 5 | 3:18 | 08:35:2.9 | -05:10:28 | 300 | 90 | 3.0 | \#141 Mapping t | 4 |  |
| 0089.2M08365686-0548385 | 330 | 3:19 | 08:36:56.8 | -05:48:38 | 300 | 90 | 3.0 | \#141 Mapping t | 4 |  |
| 0090. COMP | 5 | 3:25 | 08:36:56.8 | -05:48:38 | 300 | 90 | 3.0 | \#141 Mapping t | 4 |  |
| 0091.sn2005am | 1200 | 3:29 | 09:16:12.4 | -16:18:16 | 300 | 29 | 3.0 | \#2 SN Observat | 2 |  |
| 0092. COMP | 10 | 3:49 | 09:16:12.4 | -16:18:16 | 300 | 29 | 3.0 | \#2 SN Observat | 2 |  |
| 0093.sn2005bf | 1200 | 3:51 | 10:23:57.2 | -03:11:28 | 300 | 20 | 3.0 | \#2 SN Observat | 2 |  |
| 0094. COMP | 10 | 4:11 | 10:23:57.2 | -03:11:28 | 300 | 20 | 3.0 | \#2 SN Observat | 2 |  |
| 0095.2M08330822+0009436 | 240 | 4:13 | 08:33:8.2 | +00:09:43 | 300 | 90 | 3.0 | \#141 Mapping t | 4 |  |
| 0096.COMP | 5 | 4:17 | 08:33:8.2 | +00:09:43 | 300 | 90 | 3.0 | \#141 Mapping t | 4 |  |
| 0097.2M08354710-0156381 | 270 | 4:18 | 08:35:47.1 | -01:56:38 | 300 | 90 | 3.0 | \#141 Mapping t | 4 |  |
| 0098. COMP | 5 | 4:23 | 08:35:47.1 | -01:56:38 | 300 | 90 | 3.0 | \#141 Mapping t | 4 | rt crash |
| 0099.2M08430920-0144211 | 270 | 4:28 | 08:43:9.2 | -01:44:21 | 300 | 90 | 3.0 | \#141 Mapping t | 4 |  |
| 0100. COMP | 5 | 4:33 | 08:43:9.2 | -01:44:21 | 300 | 90 | 3.0 | \#141 Mapping t | 4 |  |
| 0101.2M08434522-0032041 | 240 | 4:33 | 08:43:45.2 | -00:32:4 | 300 | 90 | 3.0 | \#141 Mapping t | 4 |  |
| 0102.COMP | 5 | 4:37 | 08:43:45.2 | -00:32:4 | 300 | 90 | 3.0 | \#141 Mapping t | 4 |  |
| 0103.2M08452858-0228416 | 240 | 4:38 | 08:45:28.5 | -02:28:41 | 300 | 90 | 3.0 | \#141 Mapping t | 4 |  |
| 0104.COMP | 5 | 4:42 | 08:45:28.5 | -02:28:41 | 300 | 90 | 3.0 | \#141 Mapping t | 4 |  |
| 0105.2M08525827+1921360 | 270 | 4:43 | 08:52:58.2 | +19:21:36 | 300 | 90 | 3.0 | \#141 Mapping t | 4 |  |
| 0106.COMP | 5 | 4:48 | 08:52:58.2 | +19:21:36 | 300 | 90 | 3.0 | \#141 Mapping t | 4 |  |
| 0107.2003bo_gal | 1800 | 4:50 | 09:47:44.0 | 36:18:22 | 300 | 90 | 3.0 | \#158 SN Host G | 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 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0108. COMP | 10 | 5:21 | 09:47:44.0 | 36:18:22 | 300 | 90 | 3.0 | \#158 SN Host G | 2 |  |
| 0109.2003de_gal | 1200 | 5:24 | 10:10:41.1 | 35:44:48 | 300 | 90 | 3.0 | \#158 SN Host G | 2 |  |
| 0110.COMP | 10 | 5:44 | 10:10:41.1 | 35:44:48 | 300 | 90 | 3.0 | \#158 SN Host G | 2 |  |
| 0111.2003cy_gal | 1800 | 5:46 | 10:46:03.4 | 27:21:00 | 300 | 90 | 3.0 | \#158 SN Host G | 2 |  |
| 0112.COMP | 10 | 6:16 | 10:46:03.4 | 27:21:00 | 300 | 90 | 3.0 | \#158 SN Host G | 2 |  |
| 0113.sn2004gk | 1200 | 6:18 | 12:25:33.2 | +12:15:39 | 300 | 45 | 3.0 | \#2 SN Observat | 2 |  |
| 0114.COMP | 10 | 6:38 | 12:25:33.2 | +12:15:39 | 300 | 45 | 3.0 | \#2 SN Observat | 2 |  |
| 0115.2003dk_gal | 1800 | 6:41 | 13:15:31.4 | -7:20:53 | 300 | 90 | 3.0 | \#158 SN Host G | 2 | ok h-alpha pixel 2503 |
| 0116.COMP | 10 | 7:11 | 13:15:31.4 | -7:20:53 | 300 | 90 | 3.0 | \#158 SN Host G | 2 |  |
| 0117.2002 cz _gal | 1800 | 7:13 | 13:34:02.0 | -14:49:20 | 300 | 90 | 3.0 | \#158 SN Host G | 2 |  |
| 0118.COMP | 10 | 7:43 | 13:34:02.0 | -14:49:20 | 300 | 90 | 3.0 | \#158 SN Host G | 2 |  |
| 0119.2003cz_gal | 1800 | 7:46 | 12:05:53.2 | 33:27:12 | 300 | 90 | 3.0 | \#158 SN Host G | 2 | EW close pair of gals |
| 0120.COMP | 10 | 8:16 | 12:05:53.2 | 33:27:12 | 300 | 90 | 3.0 | \#158 SN Host G | 2 | both have h-alpha at pixel 2667 |
| 0121.2003ex_gal | 1800 | 8:19 | 13:27:32.2 | 05:31:16 | 300 | 90 | 3.0 | \#158 SN Host G | 2 |  |
| 0122.COMP | 10 | 8:49 | 13:27:32.2 | 05:31:16 | 300 | 90 | 3.0 | \#158 SN Host G | 2 |  |
| 0123.BDp332642 | 60 | 8:51 | 15:51:59.9 | 32:56:54 | 300 | 90 | 3.0 | \#56 Spectropho | 2 |  |
| 0124.BDp332642 | 60 | 8:52 | 15:51:59.9 | 32:56:54 | 300 | 90 | 3.0 | \#56 Spectropho | 2 |  |
| 0125.COMP | 10 | 8:53 | 15:51:59.9 | 32:56:54 | 300 | 90 | 3.0 | \#56 Spectropho | 2 |  |
| 0126.2003dj_gal | 1800 | 8:56 | 13:16:21.5 | 19:25:51 | 300 | 90 | 3.0 | \#158 SN Host G |  | ok em |
| 0127.COMP | 10 | 9:27 | 13:16:21.5 | 19:25:51 | 300 | 90 | 3.0 | \#158 SN Host G | 2 |  |

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| File | Exp <br> Time | $U T$ Start | $R A$ | Dec | Gr. | P.A. | Slit | Program | Bir | Comments |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0128.141242+05030 | 600 | 9:28 | 14:15:12.4 | +04:49:24 | 300 | 90 | 3.0 | \#84f Updated Z | 2 |  |
| 0129. COMP | 10 | 9:38 | 14:15:12.4 | +04:49:24 | 300 | 90 | 3.0 | \#84f Updated Z | 2 |  |
| 0130.141548+07340 | 480 | 9:39 | 14:18:14.3 | +07:20:16 | 300 | 90 | 3.0 | \#84f Updated Z | 4 |  |
| 0131.COMP | 5 | 9:47 | 14:18:14.3 | +07:20:16 | 300 | 90 | 3.0 | \#84f Updated Z | 4 |  |
| 0132.142412+22030 | 420 | 9:49 | 14:26:29.3 | +21:49:24 | 300 | 20 | 3.0 | \#84f Updated Z | 4 | ok em, next to bright star |
| 0133. COMP | 5 | 9:57 | 14:26:29.3 | +21:49:24 | 300 | 20 | 3.0 | \#84f Updated Z | 4 |  |
| 0134.143048+04070 | 420 | 9:58 | 14:33:17.4 | +03:54:10 | 300 | 90 | 3.0 | \#84f Updated Z | 4 |  |
| 0135.COMP | 5 | 10:06 | 14:33:17.4 | +03:54:10 | 300 | 90 | 3.0 | \#84f Updated Z | 4 |  |
| 0136.143406+10090 | 480 | 10:06 | 14:36:29.6 | +09:56:18 | 300 | 90 | 3.0 | \#84f Updated Z | 4 |  |
| 0137. COMP | 5 | 10:15 | 14:36:29.6 | +09:56:18 | 300 | 90 | 3.0 | \#84f Updated Z | 4 |  |
| 0138.143406+03240 | 600 | 10:15 | 14:36:38.4 | +03:11:37 | 300 | 90 | 3.0 | \#84f Updated Z | 4 |  |
| 0139.COMP | 5 | 10:26 | 14:36:38.4 | +03:11:37 | 300 | 90 | 3.0 | \#84f Updated Z | 4 |  |
| 0140.143542-00090 | 300 | 10:26 | 14:38:16.5 | -00:21:00 | 300 | 90 | 3.0 | \#84f Updated Z | 4 |  |
| 0141. COMP | 5 | 10:32 | 14:38:16.5 | -00:21:00 | 300 | 90 | 3.0 | \#84f Updated Z | 4 |  |
| 0142.144200-03020 | 420 | 10:33 | 14:44:33.4 | -03:13:36 | 300 | 90 | 3.0 | \#84f Updated Z | 4 |  |
| 0143. COMP | 5 | 10:40 | 14:44:33.4 | -03:13:36 | 300 | 90 | 3.0 | \#84f Updated Z | 4 |  |
| 0144.144806-01310 | 480 | 10:40 | 14:50:43.1 | -01:42:54 | 300 | 90 | 3.0 | \#84f Updated Z | 4 |  |
| 0145.COMP | 5 | 10:49 | 14:50:43.1 | -01:42:54 | 300 | 90 | 3.0 | \#84f Updated Z | 4 |  |
| 0146.150700-00350 | 720 | 10:50 | 15:09:30.2 | -00:46:17 | 300 | 90 | 3.0 | \#84f Updated Z | 4 |  |
| 0147.COMP | 5 | 11:02 | 15:09:30.2 | -00:46:17 | 300 | 90 | 3.0 | \#84f Updated Z | 4 |  |



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| File | Exp Time | $\begin{aligned} & \text { UT } \\ & \text { Start } \end{aligned}$ | $R A$ | Dec | Gr. | P.A. | Slit | Program | Bir | Comments |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0148.150736-02040 | 480 | 11:02 | 15:10:11.9 | -02:14:55 | 300 | 90 | 3.0 | \#84f Updated Z | 4 |  |
| 0149.COMP | 5 | 11:11 | 15:10:11.9 | -02:14:55 | 300 | 90 | 3.0 | \#84f Updated Z | 4 |  |
| 0150.152048+08440 | 360 | 11:12 | 15:23:12.2 | +08:33:01 | 300 | 90 | 3.0 | \#84f Updated Z | 4 |  |
| 0151. COMP | 5 | 11:18 | 15:23:12.2 | +08:33:01 | 300 | 90 | 3.0 | \#84f Updated Z | 4 |  |
| 0152.152118+09340 | 420 | 11:19 | 15:23:43.8 | +09:22:38 | 300 | 90 | 3.0 | \#84f Updated Z | 4 |  |
| 0153.COMP | 5 | 11:27 | 15:23:43.8 | +09:22:38 | 300 | 90 | 3.0 | \#84f Updated Z | 4 |  |
| 0154-0163.BIAS | 0 | 11:31 | 15:23:43.8 | +09:22:38 | 300 | 90 | 3.0 | \#57 Velocity S | 4 |  |
| 0164-0173.FLAT | 8 | 11:34 | 15:23:43.8 | +09:22:38 | 300 | 90 | 3.0 | \#57 Velocity S | 4 |  |
| 0174-0183.BIAS | 0 | 11:36 | 15:23:43.8 | +09:22:38 | 300 | 90 | 3.0 | \#57 Velocity S | 2 |  |
| 0184-0193.FLAT | 16 | 11:41 | 15:23:43.8 | +09:22:38 | 300 | 90 | 3.0 | \#57 Velocity S | 2 |  |
| 0194-0203.DARK | 1200 | 14:59 | 15:23:43.8 | +09:22:38 | 300 | 90 | 3.0 | \#57 Velocity S | 2 |  |

