

UT Date 2006-01-22 Observers P BerlindColl. Focus 970 Grating/Grism 300

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|---|
| 0001-0010.BIAS | 0 | 23:56 | 10:39:36.8 | 43:06:10 | 300 | 90 | 3.0 | #157 IPHAS | 4 | |
| 0011-0020.FLAT | 8 | 23:59 | 10:39:36.8 | 43:06:10 | 300 | 90 | 3.0 | #157 IPHAS | 4 | |
| 0021-0030.BIAS | 0 | 0:01 | 10:39:36.8 | 43:06:10 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0031-0050.FLAT | 16 | 0:11 | 10:39:36.8 | 43:06:10 | 300 | 90 | 3.0 | #157 IPHAS | 2 | |
| 0051.sky | 3 | 1:03 | 01:45:00 | 32:00:00 | 300 | 90 | 3.0 | #57 Velocity S | 4 | clear skies |
| 0052-0055.sky | 3 | 1:04 | 01:45:00 | 32:00:00 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0056.COMP | 5 | 1:04 | 01:45:00 | 32:00:00 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0057.MRK335 | 150 | 1:45 | 00:06:19.6 | +20:12:11 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | RA tracking, tv, and tcs issues all night |
| 0058.MRK335 | 150 | 1:48 | 00:06:19.6 | +20:12:11 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0059.COMP | 10 | 1:51 | 00:06:19.6 | +20:12:11 | 300 | 90 | 3.0 | #6 AGN Monitor | 2 | |
| 0060.M32 | 30 | 1:52 | 00:39:58 | +40:35:30 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0061.M32 | 30 | 1:53 | 00:39:58 | +40:35:30 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0062.M32 | 30 | 1:54 | 00:39:58 | +40:35:30 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0063.COMP | 5 | 1:55 | 00:39:58 | +40:35:30 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0064.158m213 | 360 | 1:55 | 00:40:30.2 | +40:50:55 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0065.COMP | 5 | 2:02 | 00:40:30.2 | +40:50:55 | 300 | 90 | 3.0 | #57 Velocity S | 4 | |
| 0066.cvso-010466 | 300 | 2:03 | 04:59:09.5 | +01:57:00 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0067.COMP | 5 | 2:09 | 04:59:09.5 | +01:57:00 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0068.cvso-011139 | 300 | 2:09 | 05:00:03.2 | +01:54:41 | 300 | 90 | 3.0 | #112 Orion PMS | 2 | ignore brighter star to west |
| 0069.COMP | 10 | 2:15 | 05:00:03.2 | +01:54:41 | 300 | 90 | 3.0 | #112 Orion PMS | 2 | |

UT Date 2006-01-22 Observers P BerlindColl. Focus 970 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> |
|------------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0070.cvso-016746 | 600 | 2:16 | 05:06:34.6 | +01:55:18 | 300 | 90 | 3.0 | #112 Orion PMS | 2 | |
| 0071.COMP | 10 | 2:27 | 05:06:34.6 | +01:55:18 | 300 | 90 | 3.0 | #112 Orion PMS | 2 | |
| 0072.sn2006H | 1200 | 2:32 | 03:26:01.4 | +40:41:42 | 300 | 0 | 3.0 | #2 SN Observat | 2 | |
| 0073.COMP | 10 | 2:53 | 03:26:01.4 | +40:41:42 | 300 | 0 | 3.0 | #2 SN Observat | 2 | |
| 0074.cvso-051205 | 300 | 2:56 | 05:36:50.8 | +02:10:12 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0075.COMP | 5 | 3:02 | 05:36:50.8 | +02:10:12 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0076.cvso-051193 | 300 | 3:03 | 05:36:51.1 | +01:56:54 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0077.COMP | 5 | 3:11 | 05:36:51.1 | +01:56:54 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0078.cvso-051330 | 240 | 3:12 | 05:36:56.7 | +02:11:17 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0079.COMP | 5 | 3:17 | 05:36:56.7 | +02:11:17 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0080.cvso-051379 | 240 | 3:18 | 05:36:58.9 | +01:45:27 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0081.COMP | 5 | 3:22 | 05:36:58.9 | +01:45:27 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0082.cvso-052993 | 420 | 3:31 | 05:36:09.4 | +02:40:03 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0083.COMP | 5 | 3:38 | 05:36:09.4 | +02:40:03 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0084.cvso-053531 | 600 | 3:39 | 05:36:30.1 | +02:42:54 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0085.COMP | 5 | 3:49 | 05:36:30.1 | +02:42:54 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0086.cvso-052473 | 180 | 3:53 | 05:37:49.3 | +01:45:28 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0087.COMP | 5 | 3:56 | 05:37:49.3 | +01:45:28 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0088.cvso-052668 | 240 | 3:57 | 05:37:59.3 | +02:12:57 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0089.COMP | 5 | 4:01 | 05:37:59.3 | +02:12:57 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |

UT Date 2006-01-22 Observers P BerlindColl. Focus 970 Grating/Grism 300

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|---------------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0090.cvso-052667 | 480 | 4:05 | 05:37:59.4 | +02:00:49 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0091.COMP | 5 | 4:13 | 05:37:59.4 | +02:00:49 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0092.cvso-052667 | 480 | 4:14 | 05:37:59.4 | +02:00:49 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0093.COMP | 5 | 4:22 | 05:37:59.4 | +02:00:49 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0094.cvso-052742 | 240 | 4:23 | 05:38:03.4 | +02:15:03 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0095.COMP | 5 | 4:27 | 05:38:03.4 | +02:15:03 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0096.cvso-052938 | 360 | 4:28 | 05:38:11.7 | +01:51:20 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0097.COMP | 5 | 4:34 | 05:38:11.7 | +01:51:20 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0098.cvso-053511 | 300 | 4:35 | 05:38:38.1 | +02:13:44 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0099.COMP | 5 | 4:40 | 05:38:38.1 | +02:13:44 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0100.cvso-053603northwest | 480 | 4:41 | 05:36:33.9 | +02:39:34 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0101.cvso-053603southeast | 720 | 4:49 | 05:36:33.9 | +02:39:34 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0102.COMP | 5 | 5:02 | 05:36:33.9 | +02:39:34 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0103.cvso-053707 | 720 | 5:02 | 05:36:38.1 | +02:48:42 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0104.COMP | 5 | 5:15 | 05:36:38.1 | +02:48:42 | 300 | 90 | 3.0 | #112 Orion PMS | 4 | |
| 0105.sn2006N | 900 | 5:19 | 06:08:31.2 | +64:43:25 | 300 | 0 | 3.0 | #2 SN Observat | 2 | |
| 0106.COMP | 10 | 5:34 | 06:08:31.2 | +64:43:25 | 300 | 0 | 3.0 | #2 SN Observat | 2 | |
| 0107.2M06043716+7703502 | 270 | 5:35 | 06:04:37.1 | 77:03:50 | 300 | 0 | 3.0 | #141 Mapping t | 4 | |
| 0108.COMP | 5 | 5:40 | 06:04:37.1 | 77:03:50 | 300 | 0 | 3.0 | #141 Mapping t | 4 | |
| 0109.2M06050355+7522031 | 480 | 5:42 | 06:05:3.5 | +75:22:3 | 300 | 0 | 3.0 | #141 Mapping t | 4 | |

UT Date 2006-01-22 Observers P BerlindColl. Focus 970 Grating/Grism 300

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|-------------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0110.COMP | 5 | 5:51 | 06:05:3.5 | +75:22:3 | 300 | 0 | 3.0 | #141 Mapping t | 4 | |
| 0111.2M06084099+7450273 | 540 | 5:52 | 06:08:40.9 | +74:50:27 | 300 | 0 | 3.0 | #141 Mapping t | 2 | |
| 0112.COMP | 10 | 6:01 | 06:08:40.9 | +74:50:27 | 300 | 0 | 3.0 | #141 Mapping t | 2 | |
| 0113.2M06095423+7640054 | 360 | 6:02 | 06:09:54.2 | 76:40:5 | 300 | 0 | 3.0 | #141 Mapping t | 2 | |
| 0114.COMP | 10 | 6:09 | 06:09:54.2 | 76:40:5 | 300 | 0 | 3.0 | #141 Mapping t | 2 | |
| 0115.sn2005na | 1500 | 6:12 | 07:01:36.6 | +14:07:59 | 300 | 0 | 3.0 | #2 SN Observat | 2 | |
| 0116.COMP | 10 | 6:38 | 07:01:36.6 | +14:07:59 | 300 | 0 | 3.0 | #2 SN Observat | 2 | |
| 0117.SJ0732.5-1331 | 600 | 6:40 | 07:32:37.5 | -13:31:04 | 300 | 0 | 3.0 | #149 Black Hol | 2 | |
| 0118.SJ0732.5-1331 | 600 | 6:50 | 07:32:37.5 | -13:31:04 | 300 | 0 | 3.0 | #149 Black Hol | 2 | |
| 0119.SJ0732.5-1331 | 600 | 7:00 | 07:32:37.5 | -13:31:04 | 300 | 0 | 3.0 | #149 Black Hol | 2 | |
| 0120.COMP | 10 | 7:11 | 07:32:37.5 | -13:31:04 | 300 | 0 | 3.0 | #149 Black Hol | 2 | |
| 0121.sn2005mf | 1800 | 7:20 | 09:08:42.3 | +44:48:51 | 300 | 45 | 3.0 | #2 SN Observat | 2 | weak |
| 0122.COMP | 10 | 7:52 | 09:08:42.3 | +44:48:51 | 300 | 45 | 3.0 | #2 SN Observat | 2 | |
| 0123.HD84937 | 15 | 8:03 | 09:48:54.8 | 13:45:13 | 300 | 0 | 3.0 | #56 Spectropho | 2 | |
| 0124.HD84937 | 15 | 8:04 | 09:48:54.8 | 13:45:13 | 300 | 0 | 3.0 | #56 Spectropho | 2 | |
| 0125.HD84937 | 15 | 8:04 | 09:48:54.8 | 13:45:13 | 300 | 0 | 3.0 | #56 Spectropho | 2 | |
| 0126.COMP | 10 | 8:05 | 09:48:54.8 | 13:45:13 | 300 | 0 | 3.0 | #56 Spectropho | 2 | |
| 0127.Feige34 | 150 | 8:08 | 10:39:36.8 | 43:06:10 | 300 | 70 | 3.0 | #56 Spectropho | 2 | |
| 0128.Feige34 | 150 | 8:10 | 10:39:36.8 | 43:06:10 | 300 | 70 | 3.0 | #56 Spectropho | 2 | |
| 0129.COMP | 10 | 8:13 | 10:39:36.8 | 43:06:10 | 300 | 70 | 3.0 | #56 Spectropho | 2 | |

UT Date 2006-01-22 Observers P BerlindColl. Focus 970 Grating/Grism 300

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|---------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-------------------------|
| 0130.test | 10 | 8:18 | 9:20:00 | 32:00:00 | 600 | 90 | 2.0 | #56 Spectropho | 4 | |
| 0131.bcand444 | 1080 | 8:22 | 9:31:47.9 | 11:48:00 | 600 | 90 | 2.0 | #166 Hyper Vel | 4 | 600-line, 2-sec, Warren |
| 0132.COMP | 10 | 8:40 | 9:31:47.9 | 11:48:00 | 600 | 90 | 2.0 | #166 Hyper Vel | 4 | |
| 0133.bcand445 | 1500 | 8:41 | 9:32:15.3 | -0:21:08 | 600 | 90 | 2.0 | #166 Hyper Vel | 4 | |
| 0134.COMP | 10 | 9:07 | 9:32:15.3 | -0:21:08 | 600 | 90 | 2.0 | #166 Hyper Vel | 4 | |
| 0135.bcand446 | 720 | 9:08 | 9:40:50.5 | 2:06:02 | 600 | 90 | 2.0 | #166 Hyper Vel | 4 | |
| 0136.COMP | 10 | 9:20 | 9:40:50.5 | 2:06:02 | 600 | 90 | 2.0 | #166 Hyper Vel | 4 | |
| 0137.bcand447 | 1800 | 9:21 | 9:44:59.4 | 0:43:06 | 600 | 90 | 2.0 | #166 Hyper Vel | 4 | wd |
| 0138.COMP | 10 | 9:52 | 9:44:59.4 | 0:43:06 | 600 | 90 | 2.0 | #166 Hyper Vel | 4 | |
| 0139.bcand448 | 1200 | 9:53 | 9:49:04.7 | 1:37:45 | 600 | 90 | 2.0 | #166 Hyper Vel | 4 | wd |
| 0140.COMP | 10 | 10:13 | 9:49:04.7 | 1:37:45 | 600 | 90 | 2.0 | #166 Hyper Vel | 4 | |
| 0141.bcand449 | 900 | 10:14 | 9:58:37.2 | 4:21:30 | 600 | 90 | 2.0 | #166 Hyper Vel | 4 | wd |
| 0142.COMP | 10 | 10:29 | 9:58:37.2 | 4:21:30 | 600 | 90 | 2.0 | #166 Hyper Vel | 4 | |
| 0143.Feige34 | 180 | 10:31 | 10:39:36.8 | 43:06:10 | 600 | 90 | 2.0 | #166 Hyper Vel | 4 | |
| 0144.COMP | 10 | 10:34 | 10:39:36.8 | 43:06:10 | 600 | 90 | 2.0 | #166 Hyper Vel | 4 | |
| 0145.bcand477 | 780 | 10:36 | 9:58:47.2 | 60:21:47 | 600 | 90 | 2.0 | #166 Hyper Vel | 4 | |
| 0146.COMP | 10 | 10:49 | 9:58:47.2 | 60:21:47 | 600 | 90 | 2.0 | #166 Hyper Vel | 4 | |
| 0147.bcand478 | 720 | 10:50 | 9:59:46.6 | 59:26:26 | 600 | 90 | 2.0 | #166 Hyper Vel | 4 | |
| 0148.COMP | 10 | 11:02 | 9:59:46.6 | 59:26:26 | 600 | 90 | 2.0 | #166 Hyper Vel | 4 | |
| 0149.bcand480 | 660 | 11:03 | 10:01:44.3 | 37:18:40 | 600 | 90 | 2.0 | #166 Hyper Vel | 4 | |

UT Date 2006-01-22 Observers P BerlindColl. Focus 970 Grating/Grism 300

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|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0150.COMP | 10 | 11:15 | 10:01:44.3 | 37:18:40 | 600 | 90 | 2.0 | #166 Hyper Vel | 4 | |
| 0151.bcand481 | 1260 | 11:16 | 10:04:14.3 | 34:09:21 | 600 | 90 | 2.0 | #166 Hyper Vel | 4 | |
| 0152.COMP | 10 | 11:38 | 10:04:14.3 | 34:09:21 | 600 | 90 | 2.0 | #166 Hyper Vel | 4 | |
| 0153.bcand482 | 1260 | 11:39 | 10:04:33.8 | 46:36:23 | 600 | 90 | 2.0 | #166 Hyper Vel | 4 | wd |
| 0154.COMP | 10 | 12:01 | 10:04:33.8 | 46:36:23 | 600 | 90 | 2.0 | #166 Hyper Vel | 4 | |
| 0155.bcand484 | 960 | 12:01 | 10:06:58.0 | 48:37:56 | 600 | 90 | 2.0 | #166 Hyper Vel | 4 | wd |
| 0156.COMP | 10 | 12:18 | 10:06:58.0 | 48:37:56 | 600 | 90 | 2.0 | #166 Hyper Vel | 4 | |
| 0157.bcand483 | 1260 | 12:19 | 10:05:07.9 | 35:13:57 | 600 | 90 | 2.0 | #166 Hyper Vel | 4 | |
| 0158.COMP | 10 | 12:40 | 10:05:07.9 | 35:13:57 | 600 | 90 | 2.0 | #166 Hyper Vel | 4 | |
| 0159.bcand485 | 1020 | 12:41 | 10:10:18.8 | 30:20:28 | 600 | 90 | 2.0 | #166 Hyper Vel | 4 | |
| 0160.COMP | 10 | 12:58 | 10:10:18.8 | 30:20:28 | 600 | 90 | 2.0 | #166 Hyper Vel | 4 | |
| 0161-0170.FLAT | 24 | 13:05 | 10:10:18.8 | 30:20:28 | 600 | 90 | 2.0 | #56 Spectropho | 4 | |
| 0171-0180.BIAS | 0 | 13:07 | 10:10:18.8 | 30:20:28 | 600 | 90 | 2.0 | #56 Spectropho | 4 | |
| 0181.test | 1 | 13:11 | 10:10:18.8 | 30:20:28 | 300 | 90 | 3.0 | #56 Spectropho | 4 | 300-line, 3-sec |
| 0182.test | 5 | 13:11 | 10:10:18.8 | 30:20:28 | 300 | 90 | 3.0 | #56 Spectropho | 4 | |
| 0183.test | 5 | 13:13 | 10:10:18.8 | 30:20:28 | 300 | 90 | 3.0 | #56 Spectropho | 4 | |
| 0184-0188.DARK | 900 | 14:23 | 10:10:18.8 | 30:20:28 | 300 | 90 | 3.0 | #56 Spectropho | 2 | |
| 0189-0193.DARK | 900 | 15:38 | 10:10:18.8 | 30:20:28 | 300 | 90 | 3.0 | #56 Spectropho | 4 | |