



WHIPPLE OBSERVATORY

FAST SPECTROGRAPH LOG



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UT Date 2005-05-12 Observers W. Brown

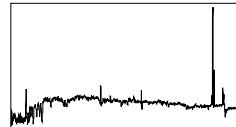
Coll. Focus 1055 Grating/Grism 600

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|----------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|------------------------|
| 0001.BIAS | 0 | 21:20 | 17:50:13 | -06:42:30 | 500 | 90 | 2.0 | #56 Standards | 4 | x10; 600 line grating |
| 0002-0010.BIAS | 0 | 21:21 | 17:50:13 | -06:42:30 | 500 | 90 | 2.0 | #56 Standards | 4 | |
| 0011.FLAT | 28 | 21:21 | 17:50:13 | -06:42:30 | 500 | 90 | 2.0 | #56 Standards | 4 | x20 |
| 0012-0030.FLAT | 28 | 21:32 | 17:50:13 | -06:42:30 | 500 | 90 | 2.0 | #56 Standards | 4 | |
| 0031.DARK | 900 | 21:38 | 17:50:13 | -06:42:30 | 500 | 90 | 2.0 | #56 Standards | 4 | x15 |
| 0032-0045.DARK | 900 | 1:09 | 17:50:13 | -06:42:30 | 500 | 90 | 2.0 | #56 Standards | 4 | |
| 0046.Feige34 | 180 | 3:04 | 10:39:36.8 | 43:06:10 | 600 | 90 | 2.0 | #56 Spectropho | 4 | |
| 0047.COMP | 10 | 3:08 | 10:39:36.8 | 43:06:10 | 600 | 90 | 2.0 | #56 Spectropho | 4 | |
| 0048.hss288 | 720 | 3:12 | 14:35:34.5 | 46:17:24 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0049.COMP | 10 | 3:25 | 14:35:34.5 | 46:17:24 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0050.hss300 | 1440 | 3:25 | 14:53:58.0 | 46:53:01 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0051.COMP | 10 | 3:50 | 14:53:58.0 | 46:53:01 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0052.hss287 | 1800 | 3:51 | 14:35:26.4 | 51:45:33 | 600 | 90 | 2.0 | #122 Halo Star | 4 | focus changed suddenly |
| 0053.COMP | 10 | 4:21 | 14:35:26.4 | 51:45:33 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0054.hss289 | 1800 | 4:22 | 14:38:18.8 | 51:24:30 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0055.COMP | 10 | 4:53 | 14:38:18.8 | 51:24:30 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0056.hss302 | 1560 | 4:54 | 14:59:03.9 | 45:34:22 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0057.COMP | 10 | 5:20 | 14:59:03.9 | 45:34:22 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0058.hss307 | 1560 | 5:21 | 15:09:41.0 | 51:00:13 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0059.COMP | 10 | 5:47 | 15:09:41.0 | 51:00:13 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |



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| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|-------------|----------|----------|------------|----------|-----|------|------|----------------|-----|----------|
| 0060.hss309 | 1740 | 5:48 | 15:11:10.8 | 51:36:22 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0061.COMP | 10 | 6:17 | 15:11:10.8 | 51:36:22 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0062.hss303 | 1680 | 6:19 | 14:59:07.8 | 48:27:26 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0063.COMP | 10 | 6:47 | 14:59:07.8 | 48:27:26 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0064.hss299 | 1800 | 6:48 | 14:53:41.7 | 48:17:12 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0065.COMP | 10 | 7:19 | 14:53:41.7 | 48:17:12 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0066.hss324 | 1800 | 7:20 | 15:34:35.1 | 47:41:44 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0067.COMP | 10 | 7:50 | 15:34:35.1 | 47:41:44 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0068.hss314 | 1800 | 7:51 | 15:15:20.6 | 45:45:30 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0069.COMP | 10 | 8:21 | 15:15:20.6 | 45:45:30 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0070.hss311 | 1740 | 8:22 | 15:13:13.2 | 48:04:30 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0071.COMP | 10 | 8:52 | 15:13:13.2 | 48:04:30 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0072.hss312 | 1320 | 8:52 | 15:13:46.1 | 48:09:50 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0073.COMP | 10 | 9:15 | 15:13:46.1 | 48:09:50 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0074.hss313 | 1200 | 9:15 | 15:15:03.0 | 48:51:18 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0075.COMP | 10 | 9:36 | 15:15:03.0 | 48:51:18 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0076.hss315 | 840 | 9:36 | 15:16:31.3 | 48:06:22 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0077.COMP | 10 | 9:51 | 15:16:31.3 | 48:06:22 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0078.hss336 | 1020 | 9:52 | 15:49:43.4 | 51:36:38 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0079.COMP | 10 | 10:09 | 15:49:43.4 | 51:36:38 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |



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|----------------|----------|----------|------------|----------|-----|------|------|----------------|-----|----------|
| 0080.hss339 | 1300 | 10:10 | 15:52:04.0 | 49:00:29 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0081.COMP | 10 | 10:32 | 15:52:04.0 | 49:00:29 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0082.hss340 | 1140 | 10:32 | 15:52:50.9 | 51:26:50 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0083.COMP | 10 | 10:52 | 15:52:50.9 | 51:26:50 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0084.hss338 | 1080 | 10:52 | 15:49:56.1 | 51:22:21 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0085.COMP | 10 | 11:11 | 15:49:56.1 | 51:22:21 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0086.hss310 | 780 | 11:12 | 15:11:56.8 | 45:30:01 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0087.COMP | 10 | 11:25 | 15:11:56.8 | 45:30:01 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |
| 0088.BIAS | 0 | 11:27 | 15:11:56.8 | 45:30:01 | 600 | 90 | 2.0 | #122 Halo Star | 4 | x10 |
| 0089-0097.BIAS | 0 | 11:28 | 15:11:56.8 | 45:30:01 | 600 | 90 | 2.0 | #122 Halo Star | 4 | |