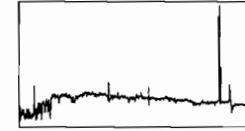
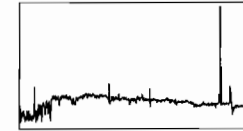
UT Date 2003-10-17 Observers P BerlindColl. Focus 1070 Grating/Grism 300

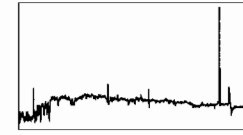
| File               | Exp Time | UT Start | RA         | Dec       | Gr.  | P.A. | Slit | Program        | Bir | Comments                               |
|--------------------|----------|----------|------------|-----------|------|------|------|----------------|-----|--|
| 0001-0005.DARK     | 1200     | 0:32     | 09:00:05.4 | 31:28:18  | 300  | 90   | 3.0  | #122 Halo Star | 2   |  |
| 0006.test          | 10       | 1:09     | 09:00:05.4 | 31:28:18  | 1200 | 90   | 1.1  | #122 Halo Star | 4   |  |
| 0007-0020.BIAS     | 0        | 1:12     | 09:00:05.4 | 31:28:18  | 1200 | 90   | 1.1  | #122 Halo Star | 4   |  |
| 0021-0030.BIAS     | 0        | 1:15     | 09:00:05.4 | 31:28:18  | 1200 | 90   | 1.1  | #122 Halo Star | 2   |  |
| 0031.FLAT          | 200      | 1:24     | 09:00:05.4 | 31:28:18  | 1200 | 90   | 1.1  | #122 Halo Star | 4   | 1200-line, 1.1-sec, tilt680 for Stanek |
| 0032-0035.FLAT     | 200      | 1:38     | 09:00:05.4 | 31:28:18  | 1200 | 90   | 1.1  | #122 Halo Star | 4   |  |
| 0036.TYC2600m612m1 | 180      | 1:44     | 17:23:39.8 | 35:27:57  | 1200 | 90   | 1.1  | #126 GRB       | 4   |  |
| 0037.TYC2600m612m1 | 360      | 1:47     | 17:23:39.8 | 35:27:57  | 1200 | 90   | 1.1  | #126 GRB       | 4   |  |
| 0038.COMP          | 10       | 1:53     | 17:23:39.8 | 35:27:57  | 1200 | 90   | 1.1  | #126 GRB       | 4   |  |
| 0039.BDp174708     | 120      | 2:00     | 22:11:31.3 | +18:05:34 | 1200 | 90   | 1.1  | #126 GRB       | 4   |  |
| 0040.COMP          | 10       | 2:03     | 22:11:31.3 | +18:05:34 | 1200 | 90   | 1.1  | #126 GRB       | 4   |  |
| 0041.COMP          | 5        | 2:06     | 20:30:00   | 32:00:00  | 300  | 90   | 3.0  | #126 GRB       | 4   | 300-line, 3-sec, combo                 |
| 0042.AGDra         | 1        | 2:08     | 16:01:41   | 66:48:10  | 300  | 90   | 3.0  | #12 Symbiotic  | 4   |  |
| 0043.AGDra         | 2        | 2:08     | 16:01:41   | 66:48:10  | 300  | 90   | 3.0  | #12 Symbiotic  | 4   |  |
| 0044.AGDra         | 5        | 2:09     | 16:01:41   | 66:48:10  | 300  | 90   | 3.0  | #12 Symbiotic  | 4   |  |
| 0045.AGDra         | 15       | 2:09     | 16:01:41   | 66:48:10  | 300  | 90   | 3.0  | #12 Symbiotic  | 4   |  |
| 0046.AGDra         | 15       | 2:10     | 16:01:41   | 66:48:10  | 300  | 90   | 3.0  | #12 Symbiotic  | 4   |  |
| 0047.COMP          | 5        | 2:10     | 16:01:41   | 66:48:10  | 300  | 90   | 3.0  | #12 Symbiotic  | 4   |  |
| 0048.TYC2600m612m1 | 90       | 2:13     | 17:23:39.8 | 35:27:57  | 300  | 82   | 3.0  | #126 GRB       | 2   |  |
| 0049.TYC2600m612m1 | 90       | 2:15     | 17:23:39.8 | 35:27:57  | 300  | 82   | 3.0  | #126 GRB       | 2   |  |

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| File                    | Exp Time | UT Start | RA         | Dec       | Gr. | P.A. | Slit | Program        | Bin | Comments                       |
|-------------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|--------------------------------|
| 0050.TYC2600m612m1      | 90       | 2:16     | 17:23:39.8 | 35:27:57  | 300 | 82   | 3.0  | #126 GRB       | 2   |                                |
| 0051.COMP               | 10       | 2:18     | 17:23:39.8 | 35:27:57  | 300 | 82   | 3.0  | #126 GRB       | 2   |                                |
| 0052.sn2003hu           | 120      | 2:27     | 19:11:31.4 | +77:53:35 | 300 | -29  | 3.0  | #2 SN Observat | 2   | too faint                      |
| 0053.2M17585489m0836334 | 1200     | 2:37     | 17:58:54.8 | -08:36:33 | 300 | 90   | 3.0  | #68 2MASS Reds | 2   | 2 obj's near center - what are |
| 0054.COMP               | 10       | 2:57     | 17:58:54.8 | -08:36:33 | 300 | 90   | 3.0  | #68 2MASS Reds | 2   |                                |
| 0055.2M18263588p0221130 | 1200     | 3:03     | 18:26:35.8 | +02:21:13 | 300 | 90   | 3.0  | #68 2MASS Reds | 4   |                                |
| 0056.COMP               | 5        | 3:24     | 18:26:35.8 | +02:21:13 | 300 | 90   | 3.0  | #68 2MASS Reds | 4   |                                |
| 0057.BDp284211          | 60       | 3:26     | 21:48:57.1 | 28:37:48  | 300 | 90   | 3.0  | #56 Spectropho | 2   |                                |
| 0058.BDp284211          | 60       | 3:27     | 21:48:57.1 | 28:37:48  | 300 | 90   | 3.0  | #56 Spectropho | 2   |                                |
| 0059.BDp284211          | 60       | 3:29     | 21:48:57.1 | 28:37:48  | 300 | 90   | 3.0  | #56 Spectropho | 2   |                                |
| 0060.COMP               | 10       | 3:30     | 21:48:57.1 | 28:37:48  | 300 | 90   | 3.0  | #56 Spectropho | 2   |                                |
| 0061.sn2003hy           | 1200     | 3:32     | 21:54:22.7 | +15:09:37 | 300 | 5    | 3.0  | #2 SN Observat | 2   |                                |
| 0062.COMP               | 10       | 3:54     | 21:54:22.7 | +15:09:37 | 300 | 5    | 3.0  | #2 SN Observat | 2   |                                |
| 0063.234424p06350_b     | 1200     | 3:57     | 23:46:50.9 | 6:51:33   | 300 | 0    | 3.0  | #113 Interacti | 2   |                                |
| 0064.COMP               | 10       | 4:17     | 23:46:50.9 | 6:51:33   | 300 | 0    | 3.0  | #113 Interacti | 2   |                                |
| 0065.234424p06350_b     | 1200     | 4:18     | 23:46:50.9 | 6:51:33   | 300 | 0    | 3.0  | #113 Interacti | 2   |                                |
| 0066.COMP               | 10       | 4:38     | 23:46:50.9 | 6:51:33   | 300 | 0    | 3.0  | #113 Interacti | 2   |                                |
| 0067.BDp174708          | 30       | 4:41     | 22:11:31.3 | +18:05:34 | 300 | 36   | 3.0  | #56 Spectropho | 2   |                                |
| 0068.BDp174708          | 30       | 4:42     | 22:11:31.3 | +18:05:34 | 300 | 36   | 3.0  | #56 Spectropho | 2   |                                |
| 0069.BDp174708          | 30       | 4:42     | 22:11:31.3 | +18:05:34 | 300 | 36   | 3.0  | #56 Spectropho | 2   |                                |

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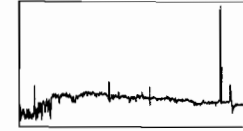
| File              | Exp Time | UT Start | RA         | Dec       | Gr. | P.A. | Slit | Program        | Bin | Comments              |
|-------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|-----------------------|
| 0070.COMP         | 10       | 4:43     | 22:11:31.3 | +18:05:34 | 300 | 36   | 3.0  | #56 Spectropho | 2   |                       |
| 0071.cairnsx3_022 | 330      | 4:49     | 0:19:49.1  | 22:33:31  | 300 | 0    | 3.0  | #64f Cluster I | 4   |                       |
| 0072.COMP         | 5        | 4:55     | 0:19:49.1  | 22:33:31  | 300 | 0    | 3.0  | #64f Cluster I | 4   |                       |
| 0073.V1515_Cyg    | 180      | 4:59     | 20:23:47.6 | +42:12:24 | 300 | 93   | 3.0  | #112 Orion PMS | 4   |                       |
| 0074.COMP         | 5        | 5:03     | 20:23:47.6 | +42:12:24 | 300 | 93   | 3.0  | #112 Orion PMS | 4   |                       |
| 0075.V1057_Cyg    | 180      | 5:03     | 20:58:53.7 | +44:15:28 | 300 | 93   | 3.0  | #112 Orion PMS | 4   |                       |
| 0076.COMP         | 5        | 5:07     | 20:58:53.7 | +44:15:28 | 300 | 93   | 3.0  | #112 Orion PMS | 4   |                       |
| 0077.sn2003ic     | 1200     | 5:11     | 00:41:50.2 | -09:18:19 | 300 | -18  | 3.0  | #2 SN Observat | 2   |                       |
| 0078.COMP         | 10       | 5:32     | 00:41:50.2 | -09:18:19 | 300 | -18  | 3.0  | #2 SN Observat | 2   |                       |
| 0079.MRK335       | 150      | 5:34     | 00:06:19.6 | +20:12:11 | 300 | -18  | 3.0  | #6 AGN Monitor | 4   |                       |
| 0080.MRK335       | 150      | 5:37     | 00:06:19.6 | +20:12:11 | 300 | -18  | 3.0  | #6 AGN Monitor | 4   |                       |
| 0081.COMP         | 5        | 5:40     | 00:06:19.6 | +20:12:11 | 300 | -18  | 3.0  | #6 AGN Monitor | 4   |                       |
| 0082.FineFoc      | 60       | 5:47     | 23:58:45.8 | 31:56:24  | 300 | 90   | 3.0  | #126 GRB       | 1   |                       |
| 0083-0092.FLAT    | 8        | 5:58     | 23:58:45.8 | 31:56:24  | 300 | 90   | 3.0  | #126 GRB       | 4   |                       |
| 0093-0102.FLAT    | 16       | 6:03     | 23:58:45.8 | 31:56:24  | 300 | 90   | 3.0  | #126 GRB       | 2   |                       |
| 0103.BIAS         | 0        | 6:07     | 23:58:45.8 | 31:56:24  | 600 | 90   | 2.0  | #126 GRB       | 4   |                       |
| 0104.COMP         | 10       | 6:07     | 23:58:45.8 | 31:56:24  | 600 | 90   | 2.0  | #126 GRB       | 4   | 600-line, 2-sec, blue |
| 0105.BDp284211    | 60       | 6:09     | 21:48:57.1 | 28:37:48  | 600 | 76   | 2.0  | #122 Halo Star | 4   |                       |
| 0106.BDp284211    | 60       | 6:10     | 21:48:57.1 | 28:37:48  | 600 | 76   | 2.0  | #122 Halo Star | 4   |                       |
| 0107.BDp284211    | 60       | 6:11     | 21:48:57.1 | 28:37:48  | 600 | 76   | 2.0  | #122 Halo Star | 4   |                       |

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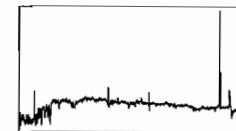
| File        | Exp Time | UT Start | RA         | Dec      | Gr. | P.A. | Slit | Program        | Bin | Comments |
|-------------|----------|----------|------------|----------|-----|------|------|----------------|-----|----------|
| 0108.COMP   | 10       | 6:12     | 21:48:57.1 | 28:37:48 | 600 | 76   | 2.0  | #122 Halo Star | 4   |          |
| 0109.hss155 | 1260     | 6:15     | 0:35:36.4  | -0:29:37 | 600 | 0    | 2.0  | #122 Halo Star | 4   |          |
| 0110.COMP   | 10       | 6:36     | 0:35:36.4  | -0:29:37 | 600 | 0    | 2.0  | #122 Halo Star | 4   |          |
| 0111.hss157 | 1020     | 6:37     | 0:41:46.3  | -0:32:02 | 600 | 10   | 2.0  | #122 Halo Star | 4   |          |
| 0112.COMP   | 10       | 6:54     | 0:41:46.3  | -0:32:02 | 600 | 10   | 2.0  | #122 Halo Star | 4   |          |
| 0113.hss158 | 1440     | 6:56     | 0:41:50.1  | -0:52:40 | 600 | 10   | 2.0  | #122 Halo Star | 4   |          |
| 0114.COMP   | 10       | 7:20     | 0:41:50.1  | -0:52:40 | 600 | 10   | 2.0  | #122 Halo Star | 4   |          |
| 0115.hs1632 | 660      | 7:21     | 0:41:59.1  | 1:14:17  | 600 | 25   | 2.0  | #122 Halo Star | 4   |          |
| 0116.COMP   | 10       | 7:33     | 0:41:59.1  | 1:14:17  | 600 | 25   | 2.0  | #122 Halo Star | 4   |          |
| 0117.hss159 | 1500     | 7:34     | 0:42:54.5  | 0:17:57  | 600 | 25   | 2.0  | #122 Halo Star | 4   |          |
| 0118.COMP   | 10       | 8:00     | 0:42:54.5  | 0:17:57  | 600 | 25   | 2.0  | #122 Halo Star | 4   |          |
| 0119.hss160 | 1800     | 8:02     | 0:45:16.8  | -0:44:14 | 600 | 35   | 2.0  | #122 Halo Star | 4   |          |
| 0120.COMP   | 10       | 8:33     | 0:45:16.8  | -0:44:14 | 600 | 35   | 2.0  | #122 Halo Star | 4   |          |
| 0121.hs1646 | 660      | 8:34     | 1:44:11.4  | -0:45:23 | 600 | 25   | 2.0  | #122 Halo Star | 4   |          |
| 0122.COMP   | 10       | 8:46     | 1:44:11.4  | -0:45:23 | 600 | 25   | 2.0  | #122 Halo Star | 4   |          |
| 0123.hss187 | 1320     | 8:47     | 1:47:44.7  | -0:48:09 | 600 | 30   | 2.0  | #122 Halo Star | 4   |          |
| 0124.COMP   | 10       | 9:09     | 1:47:44.7  | -0:48:09 | 600 | 30   | 2.0  | #122 Halo Star | 4   |          |
| 0125.hs1647 | 600      | 9:10     | 1:48:49.8  | 0:53:23  | 600 | 30   | 2.0  | #122 Halo Star | 4   |          |
| 0126.COMP   | 10       | 9:20     | 1:48:49.8  | 0:53:23  | 600 | 30   | 2.0  | #122 Halo Star | 4   |          |
| 0127.hs1648 | 600      | 9:21     | 1:49:00.1  | -0:59:45 | 600 | 30   | 2.0  | #122 Halo Star | 4   |          |

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| File           | Exp Time | UT Start | RA        | Dec      | Gr. | P.A. | Slit | Program        | Bin | Comments |
|----------------|----------|----------|-----------|----------|-----|------|------|----------------|-----|----------|
| 0128.COMP      | 10       | 9:31     | 1:49:00.1 | -0:59:45 | 600 | 30   | 2.0  | #122 Halo Star | 4   |          |
| 0129.hs1667    | 1260     | 9:32     | 2:48:51.4 | 0:50:44  | 600 | 30   | 2.0  | #122 Halo Star | 4   |          |
| 0130.COMP      | 10       | 9:54     | 2:48:51.4 | 0:50:44  | 600 | 30   | 2.0  | #122 Halo Star | 4   |          |
| 0131.hss226    | 1800     | 9:55     | 2:50:21.8 | -0:57:36 | 600 | 30   | 2.0  | #122 Halo Star | 4   |          |
| 0132.COMP      | 10       | 10:25    | 2:50:21.8 | -0:57:36 | 600 | 30   | 2.0  | #122 Halo Star | 4   |          |
| 0133.hs1668    | 720      | 10:26    | 2:53:22.3 | 0:46:34  | 600 | 40   | 2.0  | #122 Halo Star | 4   |          |
| 0134.COMP      | 10       | 10:39    | 2:53:22.3 | 0:46:34  | 600 | 40   | 2.0  | #122 Halo Star | 4   |          |
| 0135.hss227    | 1800     | 10:40    | 2:54:02.6 | -0:02:22 | 600 | 40   | 2.0  | #122 Halo Star | 4   |          |
| 0136.COMP      | 10       | 11:10    | 2:54:02.6 | -0:02:22 | 600 | 40   | 2.0  | #122 Halo Star | 4   |          |
| 0137.hs1688    | 720      | 11:12    | 3:38:12.3 | 0:20:24  | 600 | 40   | 2.0  | #122 Halo Star | 4   |          |
| 0138.COMP      | 10       | 11:25    | 3:38:12.3 | 0:20:24  | 600 | 40   | 2.0  | #122 Halo Star | 4   |          |
| 0139.hs1689    | 720      | 11:26    | 3:38:27.6 | -0:58:16 | 600 | 40   | 2.0  | #122 Halo Star | 4   |          |
| 0140.COMP      | 10       | 11:38    | 3:38:27.6 | -0:58:16 | 600 | 40   | 2.0  | #122 Halo Star | 4   |          |
| 0141.hs1685    | 960      | 11:40    | 3:30:32.4 | -0:45:37 | 600 | 45   | 2.0  | #122 Halo Star | 4   |          |
| 0142.COMP      | 10       | 11:56    | 3:30:32.4 | -0:45:37 | 600 | 45   | 2.0  | #122 Halo Star | 4   |          |
| 0143.hs1687    | 390      | 11:59    | 3:36:06.7 | 0:14:34  | 600 | 45   | 2.0  | #122 Halo Star | 4   |          |
| 0144.COMP      | 10       | 12:06    | 3:36:06.7 | 0:14:34  | 600 | 45   | 2.0  | #122 Halo Star | 4   |          |
| 0145-0154.FLAT | 40       | 12:15    | 3:36:06.7 | 0:14:34  | 600 | 90   | 2.0  | #126 GRB       | 4   |          |
| 0155-0164.BIAS | 0        | 12:17    | 3:36:06.7 | 0:14:34  | 600 | 90   | 2.0  | #126 GRB       | 4   |          |
| 0165-0174.BIAS | 0        | 12:20    | 3:36:06.7 | 0:14:34  | 600 | 90   | 2.0  | #126 GRB       | 2   |          |

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| File      | Exp Time | UT Start | RA         | Dec       | Gr. | P.A. | Slit | Program  | Bin | Comments |
|-----------|----------|----------|------------|-----------|-----|------|------|----------|-----|----------|
| 0175.test | 10       | 12:24    | 3:36:06.7  | 0:14:34   | 300 | 90   | 3.0  | #126 GRB | 2   |          |
| 0176.test | 10       | 12:25    | 3:36:06.7  | 0:14:34   | 300 | 90   | 3.0  | #126 GRB | 2   |          |
| 0177.DARK | 900      | 12:29    | 07:02:22.7 | +31:30:09 | 300 | 90   | 3.0  | #126 GRB | 4   |          |
| 0178.DARK | 900      | 12:44    | 07:17:36.8 | +31:30:14 | 300 | 90   | 3.0  | #126 GRB | 4   |          |
| 0179.DARK | 900      | 12:59    | 07:32:47.7 | +31:30:18 | 300 | 90   | 3.0  | #126 GRB | 4   |          |
| 0180.DARK | 900      | 13:14    | 07:48:01.8 | +31:30:23 | 300 | 90   | 3.0  | #126 GRB | 4   |          |
| 0181.DARK | 900      | 13:29    | 08:03:15.9 | +31:30:27 | 300 | 90   | 3.0  | #126 GRB | 4   |          |
| 0182.DARK | 900      | 13:45    | 08:18:31.0 | +31:30:31 | 300 | 90   | 3.0  | #126 GRB | 4   |          |
| 0183.DARK | 900      | 14:00    | 08:33:42.0 | +31:30:35 | 300 | 90   | 3.0  | #126 GRB | 4   |          |
| 0184.DARK | 900      | 14:15    | 08:48:57.1 | +31:30:39 | 300 | 90   | 3.0  | #126 GRB | 4   |          |
| 0185.DARK | 900      | 14:30    | 09:04:11.2 | +31:30:42 | 300 | 90   | 3.0  | #126 GRB | 4   |          |
| 0186.DARK | 900      | 14:45    | 09:19:22.2 | +31:30:45 | 300 | 90   | 3.0  | #126 GRB | 4   |          |
| 0187.DARK | 900      | 15:01    | 09:34:40.4 | +31:30:48 | 300 | 90   | 3.0  | #126 GRB | 2   |          |
| 0188.DARK | 900      | 15:16    | 09:49:55.4 | +31:30:51 | 300 | 90   | 3.0  | #126 GRB | 2   |          |
| 0189.DARK | 900      | 15:31    | 10:05:14.3 | +31:30:53 | 300 | 90   | 3.0  | #126 GRB | 2   |          |
| 0190.DARK | 900      | 15:46    | 10:20:32.7 | +31:30:55 | 300 | 90   | 3.0  | #126 GRB | 2   |          |
| 0191.DARK | 900      | 16:02    | 10:35:51.0 | +31:30:57 | 300 | 90   | 3.0  | #126 GRB | 2   |          |
| 0192.DARK | 900      | 16:17    | 10:51:10.0 | +31:30:58 | 300 | 90   | 3.0  | #126 GRB | 2   |          |
| 0193.DARK | 900      | 16:32    | 11:06:28.0 | +31:30:59 | 300 | 90   | 3.0  | #126 GRB | 2   |          |
| 0194.DARK | 900      | 16:47    | 11:21:50.1 | +31:31:00 | 300 | 90   | 3.0  | #126 GRB | 2   |          |

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| <i>File</i>    | <i>Exp<br/>Time</i> | <i>UT<br/>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> |
|----------------|---------------------|---------------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0195-0196.DARK | 900                 | 17:18               | 11:52:24.4 | +31:31:01  | 300        | 90          | 3.0         | #126 GRB       | 2          |                 |