```
---------------------------    S C I N T R E X    ------------------------------
                  IPR-12 MULTI-CHANNEL IP-RECEIVER V4.0

Job #:            30                              Date:      08/09/06
Operator:       D30C                              Serial #:        30

P-Line:           0N                              Units:          Metre
Array:   Pole-Dipole                              Mx From:   340 ms  To:   520  ms
--------------------------------------------------------------------------------
Station     P1      P2      P3      P4      P5      P6      P7      P8      P9
        C-Line      C1      C2    Curr.  Timing        Time   |

 D:          VP      SP      Mx     S.D.    Res.           Dur. K-Fact.        Rho
             M1      M2      M3      M4      M5      M6      M7|     M"        Tau
             M8      M9     M10     M11     M12     M13     M14|   RMS%        Wi
*
    20N     10N      5N      0N     10S     20S     30S     50S     70S     90S
             0N     20N  10219N     710       4       10:22:06|

 1:      107.37      13    7.09    0.01     9.7               6    188.5      29
                 15.02   13.02   11.51   10.07    8.76    7.50| 58.6    0.12500
           6.33    5.30    4.39    3.60    2.91    2.33    1.76|    1.627     13

 2:       60.53      -2    9.03    0.02     9.7               6    377.0      32
                 19.00   16.56   14.64   12.81   11.17    9.54| 74.6    0.12500
           8.09    6.77    5.61    4.60    3.73    3.01    2.33|    1.000     13

*
    30N     20N     15N     10N      0N     10S     20S     40S     60S     80S
             0N     30N  10229N     710       4       10:26:19|

 1:       99.60      10    6.09    0.02     1.3               5    188.5      26
                 13.06   11.29    9.95    8.70    7.56    6.45| 50.6    0.12500
           5.44    4.53    3.75    3.05    2.47    1.99    1.57|    0.791     13

 2:       64.01      -3    7.93    0.03     0.9               5    377.0      34
                 16.71   14.56   12.88   11.27    9.82    8.39| 65.6    0.12500
           7.09    5.92    4.90    4.00    3.25    2.61    2.09|    0.488     13

 3:       74.66       3   10.30    0.03     7.1               5    377.0      40
                 21.37   18.76   16.61   14.57   12.71   10.89| 80.5    0.25000
           9.23    7.73    6.42    5.28    4.31    3.50    2.81|    0.391     13

*
    40N     20N     15N     10N      0N     10S     20S     40S     60S     80S
             0N     40N  10229N     985       4       10:29:28|

 1:       54.37      10    8.47    0.07     1.3               5    628.3      35
                 17.72   15.44   13.66   11.97   10.45    8.95| 66.1    0.25000
           7.58    6.33    5.24    4.30    3.49    2.81    2.25|    0.832     13

 2:       42.00      -6    9.99    0.12     1.1               5    942.5      40
                 20.81   18.21   16.13   14.13   12.34   10.58| 82.0    0.12500
           8.93    7.47    6.21    5.05    4.09    3.29    2.63|    0.830     13

 3:       55.37       4   11.68    0.17    12.1               5    754.0      42
                 24.24   21.25   18.82   16.49   14.35   12.34| 90.3    0.25000
          10.45    8.75    7.25    5.93    4.80    3.88    3.13|    0.611     13

*
    50N     40N     35N     30N     20N     10N      0N     20S     40S     60S
             0N     50N  10249N     710       4       10:37:21|

 1:      132.17      12    6.86    0.01     9.1               5    188.5      35
                 14.24   12.39   11.01    9.67    8.43    7.25| 54.0    0.25000
           6.16    5.16    4.28    3.53    2.87    2.31    1.87|    0.538     13
```

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 2:       36.36      -5    8.17    0.04     7.2              5    377.0      19
                  17.05   14.84   13.16   11.54   10.07    8.64| 64.0    0.25000
           7.30    6.13    5.07    4.17    3.39    2.74    2.22|    0.497     13

 3:       63.79       6    8.96    0.06     1.8              5    377.0      34
                  18.87   16.44   14.56   12.74   11.10    9.49| 70.2    0.25000
           8.01    6.70    5.54    4.56    3.70    3.00    2.43|    0.832     13

 4:       33.71      -5   10.95    0.15     3.2              5    754.0      36
                  22.90   20.03   17.78   15.58   13.58   11.62| 85.3    0.25000
           9.78    8.18    6.74    5.55    4.51    3.68    3.03|    0.970     13

 5:       22.60       8   12.45    0.24     4.8              5   1256.7      40
                  26.20   22.87   20.29   17.72   15.45   13.22| 96.9    0.25000
          11.09    9.29    7.63    6.31    5.14    4.24    3.53|    1.625     13

*
    60N      40N      35N      30N      20N      10N       0N     20S      40S      60S
              0N      60N   10249N      710        4        10:40:46|

 1:       49.41       13    9.63    0.17     9.9              5    628.3      44
                  19.74   17.29   15.34   13.50   11.82   10.17| 72.6    0.50000
           8.63    7.26    6.08    4.97    4.06    3.42    2.76|    1.298     13

 2:       17.00       -5   10.37    0.19     7.2              5    942.5      23
                  21.49   18.78   16.67   14.64   12.79   10.98| 81.1    0.25000
           9.29    7.78    6.44    5.33    4.38    3.56    2.89|    1.012     13

 3:       33.50        5   11.17    0.50     1.7              5    754.0      36
                  22.75   19.99   17.75   15.66   13.71   11.80| 86.4    0.25000
          10.06    8.49    7.02    5.53    4.57    3.75    3.09|    1.476     13

 4:       20.10       -6   11.98    0.63     3.2              5   1256.7      36
                  24.85   21.81   19.35   17.00   14.84   12.68| 90.6    0.50000
          10.72    8.94    7.39    6.27    5.22    4.31    3.58|    2.419     13

 5:       14.55        9   13.42    0.64     4.6              5   1885.0      39
                  27.55   24.17   21.44   18.89   16.46   14.18| 98.2    1.00000
          12.04   10.17    8.40    6.88    5.83    4.89    4.14|    2.735     13

*
    70N      60N      55N      50N      40N      30N      20N       0N     20S      40S
              0N      70N   10269N      665        4        10:45:43|

 1:      126.56       11    5.82    0.06     2.8              5    188.5      36
                  12.25   10.58    9.37    8.20    7.16    6.15| 44.5    0.50000
           5.24    4.40    3.68    3.04    2.49    2.02    1.61|    1.264     13

 2:       83.46       -3    7.99    0.01     7.7              5    377.0      47
                  16.76   14.62   12.92   11.32    9.87    8.45| 62.8    0.25000
           7.16    6.00    5.00    4.11    3.34    2.68    2.13|    0.695     13

 3:       64.10       -7    9.95    0.01     8.8              5    377.0      36
                  20.59   18.04   15.96   14.01   12.25   10.51| 78.0    0.25000
           8.94    7.50    6.28    5.17    4.24    3.42    2.71|    0.958     13

 4:       33.92        8   11.48    0.09     3.8              5    754.0      38
                  23.35   20.59   18.28   16.05   14.07   12.11| 86.0    0.50000
          10.33    8.69    7.29    5.97    4.92    4.02    3.21|    0.557     13

 5:       19.13       -5   12.09    0.16     4.4              5   1256.7      36
                  24.57   21.76   19.33   16.89   14.77   12.75| 90.8    0.50000
          10.91    9.19    7.72    6.34    5.29    4.29    3.38|    1.055     13

 6:       21.75       12   13.92    0.29     5.3              5   1099.6      36
                  27.91   24.95   22.23   19.36   16.99   14.70|102.1    1.00000
          12.62   10.68    8.99    7.31    6.18    5.23    4.14|    1.819     13
```

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*
    80N      60N      55N      50N      40N      30N      20N       0N      20S      40S
             0N       80N   10269N      665        4       10:50:59|

 1:       49.40       10     8.47     0.06      2.2                5     628.3       47
                   17.56    15.34    13.60    11.93    10.45     8.95| 66.4     0.25000
           7.58     6.38     5.29     4.36     3.57     2.87     2.27|     0.580      13

 2:       32.14       -4    10.12     0.00      7.8                5     942.5       46
                   20.95    18.33    16.25    14.25    12.47    10.68| 78.7     0.25000
           9.07     7.60     6.34     5.23     4.28     3.37     2.64|     1.206      13

 3:       40.88       -4    11.46     0.02      9.4                5     754.0       46
                   23.59    20.67    18.35    16.11    14.11    12.09| 88.9     0.25000
          10.30     8.65     7.17     5.91     4.82     3.87     3.03|     0.868      13

 4:       20.32        8    12.33     0.27      3.6                5    1256.7       38
                   25.30    22.21    19.75    17.29    15.18    13.02| 91.7     0.50000
          11.05     9.27     7.67     6.40     5.29     4.24     3.32|     1.174      13

 5:       12.31       -4    12.70     0.00      4.3                5    1885.0       35
                   25.99    22.71    20.12    17.63    15.57    13.39| 97.3     0.25000
          11.37     9.58     7.84     6.51     5.31     4.25     3.22|     1.727      13

 6:       14.98       11    14.21     0.07      5.0                5    1508.0       34
                   28.88    25.31    22.19    19.55    17.23    14.98|108.5     0.25000
          12.67    10.78     8.80     7.33     5.99     4.78     3.71|     1.591      13

*
    90N      80N      75N      70N      60N      50N      40N      20N       0N      20S
             0N       90N   10289N      665        4       10:54:30|

 1:      113.58       12     5.47     0.00      1.5                5     188.5       32
                   11.32     9.80     8.68     7.65     6.67     5.77| 41.7     0.50000
           4.90     4.15     3.46     2.86     2.36     1.92     1.50|     1.101      13

 2:       74.61      -11     6.77     0.00      3.3                5     377.0       42
                   14.04    12.21    10.83     9.52     8.33     7.15| 53.0     0.25000
           6.07     5.10     4.24     3.47     2.81     2.25     1.75|     1.267      13

 3:       79.63        6     8.51     0.00      8.9                5     377.0       45
                   17.65    15.43    13.70    12.03    10.50     8.99| 66.5     0.25000
           7.65     6.43     5.31     4.36     3.54     2.84     2.21|     1.120      13

 4:       42.19       -1    11.11     0.03      7.4                5     754.0       48
                   22.97    20.14    17.86    15.69    13.71    11.75| 86.4     0.25000
           9.96     8.42     6.90     5.69     4.65     3.74     3.00|     0.429      13

 5:       23.66        3    12.84     0.19      4.3                5    1256.7       45
                   26.25    23.07    20.43    18.01    15.79    13.55| 96.1     0.50000
          11.54     9.73     8.09     6.70     5.46     4.55     3.70|     1.223      13

 6:       20.99       -3    12.49     0.00      6.4                5    1099.6       35
                   26.32    22.99    20.35    17.85    15.60    13.22|108.6     0.06250
          11.20     9.55     7.75     6.22     4.95     3.92     3.06|     2.162      13

 7:       10.52        9    13.45     0.00      4.4                5    1979.3       31
                   28.72    24.98    22.08    19.33    16.91    14.23|117.2     0.06250
          12.07    10.11     8.36     6.64     5.30     4.25     3.42|     1.329      13

*
   100N      80N      75N      70N      60N      50N      40N      20N       0N      20S
             0N      100N   10289N      665        4       10:57:14|

 1:       44.16       10     8.10     0.05      1.4                6     628.3       42
                   16.60    14.50    12.87    11.34     9.94     8.55| 61.0     0.50000
           7.26     6.09     5.12     4.20     3.44     2.79     2.20|     0.836      13
```

```
 2:       34.11     -10    9.24    0.09     3.1              6    942.5      48
                  18.85   16.52   14.66   12.94   11.36    9.75| 71.8    0.25000
           8.27    6.89    5.78    4.74    3.85    3.09    2.45|    0.812     13

 3:       40.82       7   10.59    0.17     8.8              6    754.0      46
                  21.65   19.00   16.82   14.84   13.02   11.17| 81.9    0.25000
           9.47    7.87    6.62    5.41    4.29    3.58    2.84|    0.886     13

 4:       24.10      -2   12.62    0.29     7.4              6   1256.7      46
                  25.68   22.57   20.01   17.69   15.50   13.32| 97.3    0.25000
          11.27    9.38    7.91    6.46    5.29    4.27    3.39|    0.802     13

 5:       14.66       2   13.64    0.45     3.8              6   1885.0      42
                  27.41   24.17   21.38   18.99   16.69   14.37| 99.9    0.50000
          12.19   10.16    8.54    6.95    5.42    4.69    3.74|    1.727     13

 6:       14.10      -3   13.42    1.01     5.9              6   1508.0      32
                  27.09   23.99   21.39   18.86   16.48   14.11|102.9    0.25000
          11.93   10.10    8.38    6.78    5.53    4.52    3.58|    0.735     11

 7:        7.60       9   14.47    2.04     4.3              6   2513.5      29
                  28.48   25.53   22.86   20.27   17.58   15.14|106.1    0.50000
          12.80   10.94    8.79    7.13    5.58    4.74    3.95|    0.640      8

*
   110N    100N     95N     90N     80N     70N     60N     40N     20N      0N
             0N    110N  10309N     665       4       11:00:47|

 1:      126.74       9    6.10    0.02     0.8              5    188.5      36
                  12.40   10.86    9.65    8.50    7.48    6.43| 46.4    0.50000
           5.50    4.62    3.86    3.20    2.62    2.12    1.70|    0.623     13

 2:       71.28     -10    7.06    0.02     1.1              5    377.0      40
                  14.46   12.63   11.21    9.89    8.70    7.46| 55.3    0.25000
           6.35    5.32    4.42    3.64    2.98    2.37    1.85|    1.153     13

 3:       76.72       7    8.58    0.02     6.1              5    377.0      43
                  17.59   15.43   13.69   12.06   10.60    9.08| 64.8    0.50000
           7.73    6.46    5.40    4.46    3.66    2.97    2.38|    0.588     13

 4:       39.33      -7   10.23    0.04     9.7              5    754.0      45
                  20.88   18.36   16.27   14.36   12.66   10.83| 76.6    0.50000
           9.21    7.63    6.34    5.27    4.37    3.55    2.83|    0.873     13

 5:       22.87       8   11.56    0.04     5.8              5   1256.7      43
                  23.88   21.02   18.62   16.41   14.43   12.27| 89.9    0.25000
          10.42    8.61    7.12    5.90    4.92    3.92    3.08|    0.896     13

 6:       23.97       0   12.92    0.06     4.6              5   1099.6      40
                  26.74   23.63   20.87   18.43   16.04   13.59|100.5    0.25000
          11.73    9.61    8.00    6.57    5.42    4.47    3.58|    1.105     13

 7:        9.72       4   12.58    0.44     4.5              5   1979.3      29
                  26.43   22.96   21.10   18.02   15.06   13.06| 93.1    1.00000
          11.60    9.25    7.66    6.72    5.33    4.85    3.89|    4.508     13

 8:        5.57       3   11.98    0.43     5.0              5   3110.5      26
                  26.02   22.67   20.69   17.56   14.07   12.36| 94.8    0.25000
          11.10    8.45    7.29    6.10    4.20    4.94    3.86|    9.852     13

*
   120N    100N     95N     90N     80N     70N     60N     40N     20N      0N
             0N    120N  10309N     665       4       11:03:52|

 1:       48.06      10    8.53    0.02     0.7              5    628.3      45
                  17.56   15.34   13.63   11.98   10.49    9.00| 66.8    0.25000
           7.63    6.42    5.35    4.39    3.61    2.89    2.30|    0.766     13
```

```
 2:       32.45     -10    9.39    0.03     1.0              5    942.5      46
                  19.23   16.85   14.95   13.15   11.53    9.91| 70.5    0.50000
           8.41    7.08    5.90    4.86    3.99    3.23    2.58|    0.692     13

 3:       39.59       7   10.40    0.03     6.0              5    754.0      45
                  21.42   18.79   16.67   14.66   12.83   11.00| 81.3    0.25000
           9.31    7.82    6.54    5.37    4.43    3.55    2.83|    0.849     13

 4:       22.63      -8   11.33    0.02     9.5              5   1256.7      43
                  23.62   20.71   18.39   16.18   14.13   12.02| 88.8    0.25000
          10.18    8.64    7.20    5.87    4.80    3.84    3.06|    0.640     13

 5:       14.07       8   12.46    0.06     5.5              5   1885.0      40
                  26.06   22.87   20.26   17.83   15.64   13.25| 94.2    0.50000
          11.22    9.55    8.00    6.48    5.40    4.31    3.50|    1.091     13

 6:       15.93      -0   13.42    0.09     4.3              5   1508.0      36
                  28.14   24.72   21.86   19.33   16.90   14.33|101.8    0.50000
          12.15   10.34    8.66    7.01    5.88    4.70    3.86|    1.062     13

 7:        7.01       4   12.25    0.56     4.1              5   2513.5      26
                  26.81   23.02   20.48   18.65   15.98   13.11| 96.5    0.50000
          11.52    9.77    7.94    6.52    5.59    4.64    3.77|    2.698     13

 8:        4.23       3   11.39    1.18     4.3              5   3770.3      24
                  26.61   22.76   20.16   19.15   15.65   12.30| 98.0    0.25000
          11.37    9.89    7.67    6.47    5.54    4.74    4.13|    3.904     10

*
   130N    120N    115N    110N    100N     90N     80N     60N     40N     20N
             0N    130N  10329N     665       4       11:07:03|

 1:      138.57      11    5.79    0.02     3.0              5    188.5      39
                  11.97   10.39    9.22    8.13    7.10    6.10| 44.3    0.50000
           5.21    4.39    3.66    3.03    2.49    2.03    1.63|    0.911     13

 2:       73.39      -9    7.04    0.03     2.3              5    377.0      42
                  14.54   12.69   11.26    9.92    8.67    7.44| 57.9    0.12500
           6.31    5.28    4.37    3.58    2.88    2.29    1.77|    1.623     13

 3:       81.52       5    8.85    0.02     6.6              5    377.0      46
                  18.18   15.92   14.13   12.44   10.89    9.35| 66.6    0.50000
           7.94    6.67    5.56    4.58    3.74    3.03    2.44|    0.792     13

 4:       40.26      -8   10.50    0.00     8.3              5    754.0      46
                  21.82   19.14   16.92   14.91   12.99   11.11| 91.3    0.06250
           9.37    7.85    6.47    5.29    4.21    3.35    2.53|    2.299     13

 5:       22.42      11   11.66    0.25     5.3              5   1256.7      42
                  24.01   21.12   18.73   16.46   14.35   12.30| 87.3    0.50000
          10.44    8.73    7.28    5.96    4.86    4.11    3.36|    1.624     13

 6:       22.97      -2   12.22    0.11     3.5              5   1099.6      38
                  25.51   22.41   19.78   17.39   15.12   12.93| 92.4    0.50000
          10.85    9.08    7.56    6.31    5.27    4.50    3.65|    2.848     13

 7:       10.96      -2   12.66    0.02     6.1              5   1979.3      33
                  27.12   23.87   20.96   18.27   15.90   13.47|118.9    0.03125
          11.08    9.18    7.60    6.08    4.87    3.88    3.23|    1.360     13

 8:        5.19       7   11.36    1.16     7.0              5   3110.5      24
                  24.37   21.39   18.79   16.30   13.56   12.09|105.6    0.03125
           9.85    8.07    6.47    5.22    4.26    3.49    2.60|    1.743      9

*
   140N    120N    115N    110N    100N     90N     80N     60N     40N     20N
             0N    140N  10329N     665       4       11:09:53|
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```
1:       48.30      11    8.34    0.03     2.7              5    628.3      46
                 17.19   15.01   13.34   11.71   10.24    8.80| 65.1    0.25000
          7.47    6.27    5.21    4.28    3.47    2.79    2.20|    0.742     13

2:       31.29      -7    9.62    0.01     2.1              5    942.5      44
                 19.57   17.15   15.26   13.43   11.75   10.14| 74.7    0.25000
          8.63    7.25    6.02    4.96    4.02    3.23    2.55|    1.007     13

3:       40.43       4   10.98    0.03     6.5              5    754.0      46
                 22.30   19.57   17.42   15.32   13.41   11.58| 84.9    0.25000
          9.84    8.26    6.88    5.65    4.59    3.69    2.92|    0.975     13

4:       22.68      -8   12.27    0.01     8.3              5   1256.7      43
                 24.91   21.85   19.45   17.08   14.95   12.92| 94.0    0.25000
         10.98    9.20    7.64    6.27    5.06    4.05    3.19|    1.105     13

5:       13.73      10   12.71    0.24     4.8              5   1885.0      39
                 25.89   22.66   20.19   17.67   15.45   13.39| 97.1    0.25000
         11.33    9.46    7.84    6.42    5.22    4.21    3.36|    0.596     13

6:       15.20      -1   13.37    0.16     2.9              5   1508.0      34
                 26.82   23.49   21.08   18.43   16.16   14.04|106.6    0.12500
         11.97   10.05    8.42    6.83    5.47    4.17    3.18|    3.472     13

7:        7.87      -2   14.68    0.33     5.4              5   2513.5      30
                 28.76   25.03   22.61   19.76   17.45   15.42|108.9    0.25000
         13.06   11.05    9.29    7.49    6.04    4.55    3.39|    4.574     13

8:        3.96       7   13.72    0.56     5.8              5   3770.3      22
                 27.45   22.80   21.67   18.70   16.96   14.59|123.7    0.03125
         12.15   10.24    8.99    6.75    5.72    3.35    2.86|    9.950     13

*
   150N    140N    135N    130N    120N    110N    100N     80N     60N     40N
             0N    150N  10349N     665       4       11:13:01|

1:      150.58      11    7.12    0.01     2.0              5    188.5      43
                 14.60   12.74   11.33    9.98    8.75    7.50| 55.9    0.25000
          6.39    5.35    4.46    3.68    3.01    2.41    1.92|    0.910     13

2:       79.87      -8    7.99    0.03     1.0              5    377.0      45
                 16.36   14.29   12.71   11.20    9.81    8.43| 60.2    0.50000
          7.17    6.03    5.02    4.14    3.40    2.74    2.20|    0.630     13

3:       83.15       1    8.84    0.07     8.1              5    377.0      47
                 18.15   15.90   14.13   12.40   10.87    9.34| 69.0    0.25000
          7.93    6.65    5.53    4.54    3.70    2.97    2.36|    0.641     13

4:       40.87       0   10.63    0.07     8.8              5    754.0      46
                 21.92   19.22   17.06   15.02   13.10   11.23| 82.8    0.25000
          9.52    7.99    6.60    5.44    4.47    3.60    2.87|    0.426     13

5:       23.51      -4   11.94    0.03     3.6              5   1256.7      44
                 24.71   21.68   19.29   16.87   14.78   12.70| 92.5    0.25000
         10.68    8.99    7.49    6.12    4.98    3.98    3.12|    1.019     13

6:       23.38       9   12.81    0.20     4.3              5   1099.6      39
                 26.28   23.06   20.54   17.97   15.72   13.54| 99.0    0.25000
         11.40    9.65    7.94    6.59    5.44    4.34    3.43|    0.828     13

7:       10.71      -5   12.19    0.90     5.4              5   1979.3      32
                 25.55   22.31   19.80   17.08   15.09   13.02|105.3    0.06250
         10.63    9.03    7.35    5.96    4.79    3.73    2.73|    1.321     11

8:        5.92       3   13.34    0.00     6.4              5   3110.5      28
                 27.05   23.72   21.22   18.63   16.12   14.23| 98.5    0.50000
         11.89   10.38    8.11    6.88    5.73    4.79    3.40|    3.018     13
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*
   160N    140N    135N    130N    120N    110N    100N     80N     60N     40N
            0N    160N  10349N     665       4       11:15:39|

 1:       55.34      11    9.09    0.04     1.8              6    628.3      52
                  18.58   16.29   14.47   12.74   11.16    9.60| 71.0    0.25000
           8.14    6.84    5.71    4.70    3.83    3.08    2.44|    0.894     13

 2:       35.20      -8    9.71    0.03     0.9              6    942.5      50
                  19.96   17.48   15.50   13.62   11.92   10.25| 75.5    0.25000
           8.70    7.29    6.08    4.99    4.05    3.26    2.57|    0.748     13

 3:       42.61       1   10.31    0.06     7.9              6    754.0      48
                  21.26   18.60   16.49   14.48   12.66   10.89| 80.0    0.25000
           9.23    7.75    6.45    5.30    4.30    3.45    2.70|    0.894     13

 4:       24.02       1   11.75    0.08     8.4              6   1256.7      45
                  24.19   21.20   18.76   16.48   14.42   12.42| 90.6    0.25000
          10.49    8.81    7.34    6.03    4.90    3.90    3.04|    1.231     13

 5:       14.96      -4   12.88    0.19     3.5              6   1885.0      42
                  26.36   23.12   20.47   17.98   15.76   13.59| 98.8    0.25000
          11.54    9.67    8.07    6.62    5.38    4.30    3.30|    1.481     13

 6:       16.01       8   13.16    0.35     4.1              6   1508.0      36
                  27.00   23.68   20.91   18.34   16.09   13.89|111.9    0.06250
          11.70    9.74    8.16    6.61    5.28    4.00    2.93|    4.259     13

 7:        7.90      -4   13.46    0.40     4.6              6   2513.5      30
                  27.11   23.70   20.72   18.41   16.32   14.21| 98.4    0.50000
          11.85   10.11    8.53    7.07    5.68    4.55    3.46|    2.227     13

 8:        4.60       1   13.53    1.09     5.5              6   3770.3      26
                  27.63   24.22   21.02   18.63   16.56   14.31| 99.5    0.50000
          11.89   10.09    8.63    6.90    5.57    4.14    2.87|    1.547     11

*
   170N    160N    155N    150N    140N    130N    120N    100N     80N     60N
            0N    170N  10369N     665       4       11:18:52|

 1:      149.06      11    6.70    0.04     2.0              5    188.5      42
                  13.88   12.09   10.74    9.44    8.25    7.07| 52.4    0.25000
           6.00    5.04    4.19    3.44    2.78    2.20    1.73|    1.392     13

 2:       81.65      -7    8.35    0.05     1.7              5    377.0      46
                  17.03   14.93   13.28   11.70   10.24    8.81| 63.1    0.50000
           7.51    6.31    5.28    4.35    3.57    2.90    2.33|    0.483     13

 3:       86.29      -1    9.45    0.05     7.6              5    377.0      49
                  19.29   16.93   15.03   13.23   11.58    9.96| 70.8    0.50000
           8.46    7.09    5.91    4.89    4.00    3.25    2.60|    0.612     13

 4:       43.58       6   11.15    0.00     7.4              5    754.0      49
                  22.74   19.99   17.84   15.72   13.68   11.76| 86.4    0.25000
          10.03    8.40    6.96    5.68    4.63    3.75    2.99|    0.587     13

 5:       23.91      -3   11.56    0.02     3.7              5   1256.7      45
                  23.79   20.96   18.60   16.39   14.25   12.18| 89.4    0.25000
          10.43    8.72    7.23    5.90    4.82    3.83    2.98|    1.370     13

 6:       24.49      -5   13.01    0.29     7.6              5   1099.6      40
                  26.49   23.27   20.76   18.31   15.89   13.67| 96.5    0.50000
          11.79    9.81    8.17    6.64    5.53    4.53    3.53|    0.999     13

 7:       11.14       5   13.85    1.84    10.4              5   1979.3      33
                  27.18   23.83   21.51   18.89   16.72   14.40| 99.3    1.00000
          12.45   10.66    9.10    7.59    6.95    5.68    4.32|    1.008      8
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 8:       5.86       1   13.98    1.54     9.5              5   3110.5      27
                  26.73   23.85   21.37   19.58   17.28   14.71|108.8   16.00000
          12.47   11.00    9.60    8.46    7.44    6.40    4.57|    2.800     10

*
   180N    160N    155N    150N    140N    130N    120N    100N     80N     60N
             0N    180N  10369N     665       4       11:21:26|

 1:       50.57      12    9.55    0.03     1.9              5    628.3      48
                  19.45   17.08   15.22   13.40   11.74   10.08| 71.5    0.50000
           8.59    7.22    6.01    4.94    4.03    3.27    2.57|    0.935     13

 2:       33.59      -6   10.56    0.10     1.6              5    942.5      48
                  21.55   18.96   16.89   14.86   13.00   11.16| 82.1    0.25000
           9.49    7.96    6.63    5.44    4.43    3.56    2.80|    0.872     13

 3:       41.00      -2   11.30    0.22     7.1              5    754.0      46
                  23.04   20.28   18.06   15.89   13.89   11.93| 84.3    0.50000
          10.16    8.55    7.14    5.87    4.76    3.86    3.05|    1.003     13

 4:       23.74       6   12.33    0.22     6.9              5   1256.7      45
                  25.19   22.16   19.77   17.41   15.21   13.04| 95.5    0.25000
          11.08    9.28    7.71    6.33    5.20    4.18    3.27|    0.809     13

 5:       14.42      -3   12.34    0.45     3.1              5   1885.0      41
                  25.37   22.32   19.92   17.48   15.22   13.04| 95.8    0.25000
          11.12    9.34    7.83    6.44    5.22    4.16    3.20|    1.492     13

 6:       16.12      -6   13.07    0.81     6.8              5   1508.0      37
                  26.83   23.68   21.23   18.63   16.17   13.83|101.1    0.25000
          11.79    9.87    8.25    6.73    5.41    4.25    3.18|    1.185     12

 7:        7.97       4   12.14    3.37     9.0              5   2513.5      30
                  24.98   22.13   20.04   17.15   14.88   12.89|
          10.90    9.25    7.43    5.84    4.34    3.88    2.71|               99

 8:        4.42       1   13.92    0.30     8.1              5   3770.3      25
                  26.80   23.46   21.91   19.55   17.38   14.96|116.8   32.00000
          12.84   11.42   10.87    9.00    7.77    5.92    4.14|    6.484     13

*
   190N    180N    175N    170N    160N    150N    140N    120N    100N     80N
             0N    190N  10389N     665       4       11:27:04|

 1:      155.83      11    7.17    0.01     1.6              5    188.5      44
                  14.77   12.89   11.45   10.08    8.81    7.56| 56.2    0.25000
           6.43    5.40    4.49    3.69    3.00    2.42    1.89|    0.915     13

 2:       76.97      -7    8.82    0.01     1.5              5    377.0      44
                  18.16   15.89   14.12   12.41   10.86    9.31| 68.9    0.25000
           7.92    6.64    5.52    4.54    3.70    2.97    2.32|    0.900     13

 3:       83.87      -2    9.86    0.01     6.6              5    377.0      48
                  20.18   17.69   15.73   13.83   12.10   10.40| 76.9    0.25000
           8.86    7.43    6.19    5.09    4.16    3.36    2.64|    0.954     13

 4:       42.55      -1   11.84    0.02     8.5              5    754.0      48
                  23.99   21.13   18.81   16.55   14.51   12.50| 88.2    0.50000
          10.65    8.95    7.50    6.17    5.05    4.07    3.20|    0.810     13

 5:       23.50       8   12.73    0.05     7.9              5   1256.7      44
                  25.70   22.65   20.20   17.79   15.64   13.41| 94.9    0.50000
          11.50    9.63    8.08    6.66    5.49    4.45    3.49|    0.778     13

 6:       24.30      -3   13.11    0.08     8.6              5   1099.6      40
                  26.61   23.45   20.94   18.40   16.10   13.82| 97.7    0.50000
          11.90    9.93    8.36    6.87    5.65    4.54    3.58|    0.790     13
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 7:      11.37       1   14.01    0.01     4.7              5   1979.3      34
                 27.61   24.38   21.81   19.12   16.96   14.69|101.0    2.00000
         12.68   10.67    9.13    7.52    6.38    5.33    4.17|    1.671     13

 8:       6.00      -2   14.23    0.37     5.2              5   3110.5      28
                 27.77   24.42   21.85   19.05   17.00   14.83|115.9   32.00000
         13.10   11.11    9.81    8.18    7.19    5.90    4.89|    3.141     13

*
   200N    180N    175N    170N    160N    150N    140N    120N    100N     80N
             0N    200N  10389N     665       4       11:31:31|

 1:      56.11       9    9.68    0.15     1.5              6    628.3      53
                 19.77   17.35   15.41   13.59   11.90   10.23| 75.3    0.25000
          8.68    7.26    6.03    4.97    4.04    3.27    2.61|    0.643     13

 2:      33.54      -5   10.91    0.20     1.3              6    942.5      48
                 22.35   19.62   17.40   15.33   13.42   11.53| 84.6    0.25000
          9.79    8.23    6.82    5.61    4.56    3.66    2.89|    0.802     13

 3:      42.02      -4   11.41    0.30     6.5              6    754.0      48
                 23.36   20.51   18.17   16.04   14.03   12.06| 88.5    0.25000
         10.25    8.64    7.19    5.92    4.80    3.85    3.02|    1.080     13

 4:      24.06       0   12.84    0.56     8.4              6   1256.7      45
                 26.04   22.89   20.36   17.98   15.75   13.56| 95.2    0.50000
         11.53    9.71    8.10    6.69    5.47    4.40    3.44|    1.003     13

 5:      14.41       7   13.15    0.79     6.9              6   1885.0      41
                 26.73   23.43   20.71   18.37   16.12   13.89| 98.2    0.50000
         11.83    9.99    8.38    6.98    5.69    4.62    3.68|    1.030     12

 6:      16.21      -4   13.29    1.73     7.0              6   1508.0      37
                 26.98   23.56   20.73   18.52   16.29   14.04| 98.6    0.50000
         11.99   10.21    8.54    7.09    5.75    4.60    3.57|    1.125      8

 7:       8.25       3   13.61    3.35     4.0              6   2513.5      31
                 27.23   23.54   20.56   18.71   16.57   14.38|
         12.35   10.66    9.06    7.75    6.30    5.06    3.98|                99

 8:       4.58      -2   13.26    6.78     4.6              6   3770.3      26
                 26.61   22.63   19.45   18.10   16.08   14.01|
         12.07   10.49    8.74    7.35    5.93    4.69    3.39|                99

*
   210N    200N    195N    190N    180N    170N    160N    140N    120N    100N
             0N    210N  10409N     665       4       11:35:00|

 1:     139.29      10    6.09    0.05     1.2              6    188.5      39
                 12.55   10.89    9.69    8.53    7.47    6.43| 46.2    0.50000
          5.48    4.61    3.85    3.18    2.60    2.10    1.62|    1.373     13

 2:      75.84      -7    7.89    0.07     1.0              6    377.0      43
                 16.23   14.19   12.60   11.09    9.71    8.33| 61.8    0.25000
          7.09    5.95    4.96    4.09    3.33    2.68    2.07|    1.174     13

 3:      82.39      -3   10.00    0.12     6.6              6    377.0      47
                 20.58   18.04   16.03   14.11   12.33   10.56| 77.5    0.25000
          8.97    7.49    6.22    5.11    4.15    3.33    2.59|    1.147     13

 4:      42.86       5   11.97    0.20     6.8              6    754.0      49
                 24.42   21.46   19.11   16.84   14.73   12.63| 92.7    0.25000
         10.74    9.01    7.48    6.17    5.03    4.07    3.20|    0.798     13

 5:      23.08      -5   12.52    0.33     3.5              6   1256.7      44
                 25.63   22.50   20.01   17.64   15.43   13.21| 97.1    0.25000
         11.26    9.42    7.82    6.47    5.28    4.29    3.38|    0.872     13
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 6:       23.52       6   13.43    0.85     5.0              6   1099.6      39
                  27.37   24.01   21.40   18.91   16.55   14.16| 99.5    0.50000
          12.09   10.08    8.35    6.94    5.66    4.60    3.69|    0.711     12

 7:       11.08      -5   13.36    1.73     6.2              6   1979.3      33
                  27.27   23.72   21.16   18.83   16.49   14.05| 99.5    0.50000
          12.15   10.12    8.40    7.11    5.76    4.85    3.92|    0.806      8

 8:        6.08       5   13.31    3.24     4.5              6   3110.5      28
                  26.98   23.37   20.92   18.73   16.46   13.94| 98.6    0.50000
          12.22   10.07    8.33    7.06    5.81    4.77    2.88|    1.145      5

*
   220N    200N    195N    190N    180N    170N    160N    140N    120N    100N
             0N    220N  10409N     665       4       11:39:18|

 1:       51.55      10    8.62    0.01     1.1              5    628.3      49
                  17.66   15.45   13.74   12.08   10.60    9.10| 67.1    0.25000
           7.74    6.49    5.39    4.41    3.57    2.86    2.27|    0.875     13

 2:       33.29      -7   10.16    0.03     0.9              5    942.5      47
                  20.91   18.34   16.29   14.33   12.55   10.74| 78.9    0.25000
           9.13    7.65    6.34    5.18    4.20    3.38    2.70|    0.646     13

 3:       41.63      -4   11.85    0.03     6.4              5    754.0      47
                  24.31   21.34   18.97   16.65   14.63   12.53| 96.1    0.12500
          10.65    8.92    7.37    6.02    4.83    3.81    2.98|    1.826     13

 4:       24.84       6   13.05    0.03     6.6              5   1256.7      47
                  26.72   23.50   20.92   18.42   16.17   13.80|100.0    0.25000
          11.73    9.80    8.10    6.57    5.29    4.27    3.42|    1.204     13

 5:       14.54      -6   13.45    0.15     3.4              5   1885.0      41
                  27.36   24.05   21.45   18.82   16.68   14.23|107.8    0.12500
          12.14   10.19    8.35    6.75    5.34    4.20    3.30|    2.620     13

 6:       16.00       5   14.18    0.04     4.8              5   1508.0      36
                  28.47   25.09   22.39   19.76   17.60   15.02|112.9    0.12500
          12.86   10.74    8.71    6.98    5.46    4.43    3.56|    2.701     13

 7:        8.18      -5   14.07    0.67     4.9              5   2513.5      31
                  28.10   24.67   22.31   19.64   17.81   14.99|139.5    0.01563
          12.85   10.64    8.57    6.51    4.96    3.58    2.77|    7.335     12

 8:        4.75       3   15.51    0.16     3.4              5   3770.3      27
                  29.15   25.73   23.32   20.73   19.64   16.52|202.4    0.00195
          14.45   12.14    9.33    6.97    4.64    3.35    2.56|   15.264     13

*
   230N    220N    215N    210N    200N    190N    180N    160N    140N    120N
             0N    230N  10429N     665       4       11:43:01|

 1:      135.04      10    6.05    0.02     1.7              6    188.5      38
                  12.69   11.03    9.76    8.57    7.48    6.40| 50.0    0.12500
           5.43    4.52    3.76    3.07    2.48    1.97    1.49|    1.936     13

 2:       71.27      -8    7.37    0.04     3.3              6    377.0      40
                  15.37   13.40   11.87   10.42    9.10    7.79| 60.7    0.12500
           6.60    5.51    4.57    3.74    3.02    2.41    1.84|    1.544     13

 3:       90.20      -3    8.73    0.11     8.9              6    377.0      51
                  18.25   15.93   14.11   12.38   10.79    9.23| 76.3    0.06250
           7.82    6.51    5.38    4.38    3.52    2.79    2.09|    2.371     13

 4:       42.94       8   10.79    0.18     7.9              6    754.0      49
                  22.30   19.55   17.36   15.27   13.34   11.41| 83.7    0.25000
           9.67    8.09    6.68    5.49    4.48    3.64    2.83|    0.838     13
```

```
 5:       23.93      -0   12.53    0.37     2.5              6   1256.7      45
                  26.03   22.85   20.27   17.84   15.55   13.26|108.4    0.06250
          11.22    9.41    7.79    6.36    5.09    3.91    2.94|    3.139     13

 6:       25.33      -5   12.99    0.86     4.8              6   1099.6      42
                  27.06   23.82   21.13   18.56   16.15   13.74|111.5    0.06250
          11.63    9.52    7.77    6.26    4.87    3.80    2.79|    2.080     11

 7:       11.33       1   12.69    1.57     6.3              6   1979.3      34
                  26.75   23.54   20.90   18.40   15.98   13.48|104.0    0.12500
          11.34    9.22    7.36    5.90    4.49    3.42    2.41|    1.089      8

 8:        6.15      -4   11.41    3.99    14.6              6   3110.5      29
                  27.05   23.12   20.38   18.21   15.67   12.57|
           9.91    7.81    6.15    4.79    3.06    1.52    0.33|              99

*
   240N    220N    215N    210N    200N    190N    180N    160N    140N    120N
             0N    240N  10429N     665       4       11:46:08|

 1:       50.16       9    8.15    0.06     1.6              5    628.3      47
                  16.97   14.81   13.12   11.52   10.06    8.63| 63.8    0.25000
           7.30    6.10    5.06    4.19    3.43    2.73    2.11|    1.245     13

 2:       31.68      -8    9.14    0.12     2.6              5    942.5      45
                  19.02   16.62   14.73   12.96   11.27    9.68| 75.2    0.12500
           8.17    6.86    5.67    4.64    3.76    3.02    2.37|    1.006     13

 3:       45.99      -3   10.23    0.12     8.3              5    754.0      52
                  21.22   18.57   16.44   14.44   12.57   10.82| 83.7    0.12500
           9.14    7.65    6.33    5.16    4.18    3.38    2.67|    0.952     13

 4:       24.84       8   11.51    0.43     7.5              5   1256.7      47
                  23.93   20.93   18.51   16.25   14.15   12.17| 89.0    0.25000
          10.27    8.59    7.08    5.93    4.81    3.84    3.01|    1.038     13

 5:       15.08      -0   12.96    0.21     2.1              5   1885.0      43
                  26.95   23.60   20.83   18.33   15.89   13.69|111.7    0.06250
          11.53    9.68    7.94    6.33    5.22    4.07    3.21|    1.740     13

 6:       17.18      -5   12.93    0.89     4.6              5   1508.0      39
                  27.05   23.61   20.84   18.36   15.79   13.69|111.2    0.06250
          11.39    9.61    7.82    6.25    5.04    3.89    3.04|    1.369     11

 7:        8.26       1   12.40    1.47     5.7              5   2513.5      31
                  26.28   22.78   19.94   17.73   15.00   13.13|106.7    0.06250
          10.71    9.14    7.36    5.95    4.95    3.79    3.02|    1.247      9

 8:        4.73      -4   11.09    1.67    10.6              5   3770.3      27
                  25.05   21.58   18.51   16.45   13.37   11.92|140.1    0.00391
           9.20    7.88    5.69    4.47    3.25    2.62    2.10|    2.435      7

*
   250N    240N    235N    230N    220N    210N    200N    180N    160N    140N
             0N    250N  10449N     665       4       11:50:05|

 1:      139.30      11    6.28    0.03     1.3              6    188.5      39
                  13.31   11.51   10.17    8.90    7.77    6.64| 52.2    0.12500
           5.62    4.70    3.90    3.19    2.58    2.07    1.65|    0.743     13

 2:       73.48      -9    7.45    0.06     1.3              6    377.0      42
                  15.69   13.63   12.06   10.57    9.21    7.87| 61.5    0.12500
           6.66    5.56    4.60    3.76    3.05    2.44    1.93|    0.708     13

 3:       83.93      -1    8.48    0.11     5.3              6    377.0      48
                  17.54   15.31   13.58   11.92   10.43    8.93| 66.1    0.25000
           7.60    6.35    5.26    4.32    3.51    2.82    2.26|    0.536     13
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 4:       45.08       1   10.30    0.40     7.6              6    754.0       51
                  20.69   18.14   16.15   14.30   12.54   10.80| 78.4    0.25000
           9.30    7.67    6.30    5.06    4.12    3.33    2.67|    1.541      13

 5:       26.18       6   11.07    0.38     3.3              6   1256.7       49
                  22.84   20.07   17.80   15.60   13.59   11.67| 82.9    0.50000
           9.91    8.28    6.93    5.72    4.67    3.81    3.12|    1.072      13

 6:       26.44       1   12.53    0.82     1.4              6   1099.6       44
                  25.75   22.65   20.08   17.67   15.43   13.20| 97.2    0.25000
          11.26    9.43    7.84    6.42    5.31    4.31    3.55|    0.865      12

 7:       12.44      -5   13.02    1.99     2.3              6   1979.3       37
                  26.88   23.62   20.92   18.40   16.11   13.66|100.6    0.25000
          11.72    9.81    8.15    6.60    5.51    4.48    3.78|    0.472       7

 8:        6.31       0   13.90    3.62     6.3              6   3110.5       29
                  28.00   24.58   21.69   19.25   16.87   14.39|
          12.48   10.58    9.03    7.42    6.38    5.46    4.90|              99

*
   260N    240N    235N    230N    220N    210N    200N    180N    160N    140N
             0N    260N  10449N     665       4       11:53:01|

 1:       49.01      11    8.02    0.00     1.1              6    628.3       46
                  16.79   14.61   12.94   11.37    9.94    8.48| 63.1    0.25000
           7.20    6.02    5.03    4.14    3.38    2.73    2.14|    0.697      13

 2:       31.75      -8    8.98    0.06     1.1              6    942.5       45
                  18.78   16.37   14.51   12.75   11.12    9.49| 70.5    0.25000
           8.07    6.77    5.64    4.61    3.77    3.04    2.41|    0.557      13

 3:       42.90      -3    9.60    0.01     5.4              6    754.0       49
                  20.04   17.48   15.51   13.65   11.94   10.15| 75.7    0.25000
           8.60    7.24    6.03    4.98    4.09    3.34    2.67|    1.036      13

 4:       26.27       1   10.71    0.09     7.7              6   1256.7       50
                  22.27   19.44   17.29   15.26   13.33   11.33| 80.9    0.50000
           9.65    8.09    6.79    5.59    4.61    3.72    3.01|    0.892      13

 5:       16.43       7   11.29    0.00     3.3              6   1885.0       47
                  23.87   20.77   18.45   16.25   14.23   11.95| 89.2    0.25000
          10.19    8.48    7.17    5.89    4.78    3.92    3.19|    1.159      13

 6:       17.87       0   12.39    0.08     1.3              6   1508.0       41
                  26.10   22.72   20.20   17.86   15.66   13.12| 92.8    1.00000
          11.18    9.43    8.01    6.64    5.53    4.58    3.87|    2.634      13

 7:        9.05      -5   12.04    0.09     2.0              6   2513.5       34
                  26.38   22.74   20.19   17.99   15.79   12.81| 93.2    1.00000
          10.95    9.31    7.99    6.64    5.56    4.69    4.12|    4.626      13

 8:        4.83      -0   10.95    0.03     5.5              6   3770.3       27
                  26.00   22.12   19.74   17.86   15.53   11.74| 94.5    0.25000
          10.08    8.61    7.56    6.45    5.20    4.15    3.52|    4.763      13

*
   270N    260N    255N    250N    240N    230N    220N    200N    180N    160N
             0N    270N  10469N    1023       4       11:59:34|

 1:      194.33       8    5.47    0.00     1.9              5    188.5       36
                  11.51    9.93    8.77    7.68    6.70    5.76| 43.3    0.25000
           4.90    4.10    3.42    2.81    2.29    1.85    1.50|    0.883      13

 2:      101.59      -5    6.62    0.01     2.3              5    377.0       37
                  13.82   11.97   10.58    9.30    8.12    6.98| 52.3    0.25000
           5.95    4.99    4.17    3.43    2.79    2.25    1.79|    0.882      13
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 3:      109.83      -4    8.35    0.02     5.3              5    377.0      40
                  17.41   15.16   13.41   11.77   10.29    8.82| 65.5    0.25000
           7.51    6.27    5.24    4.30    3.49    2.82    2.25|    0.565     13

 4:       62.85       7    9.81    0.05     5.2              5    754.0      46
                  20.58   17.96   15.84   13.88   12.12   10.36| 76.8    0.25000
           8.83    7.40    6.21    5.08    4.10    3.29    2.59|    1.009     13

 5:       38.64      -6   10.60    0.00     3.8              5   1256.7      47
                  21.98   19.23   16.98   14.96   13.08   11.18| 79.8    0.50000
           9.56    8.06    6.80    5.58    4.50    3.64    2.89|    1.183     13

 6:       42.73       3   11.55    0.03     4.4              5   1099.6      46
                  24.02   21.01   18.39   16.17   14.26   12.12| 87.1    0.50000
          10.47    8.82    7.54    6.17    4.96    4.03    3.17|    1.449     13

 7:       19.52      -1   12.56    0.02     2.8              5   1979.3      38
                  26.08   22.81   19.89   17.57   15.57   13.19| 95.0    0.50000
          11.42    9.67    8.48    6.86    5.43    4.43    3.46|    2.233     13

 8:       10.51       0   12.34    0.10     2.9              5   3110.5      32
                  26.27   22.84   19.26   17.07   15.33   12.77| 92.9    1.00000
          11.35    9.84    8.93    7.23    5.62    4.60    3.42|    4.687     13

*
   280N    260N    255N    250N    240N    230N    220N    200N    180N    160N
             0N    280N  10469N     650       4       12:03:00|

 1:       43.90       7    7.44    0.02     1.8              5    628.3      42
                  15.72   13.65   12.04   10.55    9.19    7.87| 61.8    0.12500
           6.65    5.57    4.63    3.79    3.08    2.49    1.97|    0.914     13

 2:       28.53      -4    8.43    0.09     2.2              5    942.5      41
                  17.71   15.43   13.66   11.95   10.42    8.91| 69.4    0.12500
           7.53    6.31    5.23    4.29    3.45    2.75    2.14|    1.172     13

 3:       36.48      -5    9.76    0.04     5.4              5    754.0      42
                  20.52   17.91   15.85   13.85   12.09   10.34| 80.3    0.12500
           8.71    7.29    6.03    4.93    3.99    3.22    2.58|    0.521     13

 4:       23.82       7   10.80    0.06     5.2              5   1256.7      46
                  22.67   19.82   17.57   15.37   13.39   11.44| 94.3    0.06250
           9.64    8.07    6.64    5.38    4.31    3.43    2.72|    1.367     13

 5:       15.87      -6   11.24    0.14     3.8              5   1885.0      46
                  23.65   20.76   18.41   16.05   13.96   11.93| 97.7    0.06250
          10.02    8.38    6.86    5.57    4.40    3.48    2.82|    1.496     13

 6:       18.78       2   11.81    0.23     4.2              5   1508.0      44
                  24.87   21.82   19.44   16.98   14.75   12.56|110.8    0.03125
          10.46    8.79    7.22    5.79    4.45    3.49    3.01|    2.700     13

 7:        9.19      -0   12.24    0.60     2.6              5   2513.5      36
                  26.57   23.23   20.63   17.87   15.49   13.10|173.3    0.00195
          10.81    9.03    7.26    5.76    4.17    3.10    2.69|    5.805     12

 8:        5.20       1   11.45    0.74     2.7              5   3770.3      30
                  26.01   22.60   20.09   17.29   14.99   12.39|165.9    0.00195
           9.88    8.27    6.53    4.94    2.97    2.05    2.54|    3.365     10

*
   290N    280N    275N    270N    260N    250N    240N    220N    200N    180N
             0N    290N  10489N    1040       4       12:06:20|

 1:      178.12       8    4.82    0.03     1.2              5    188.5      32
                  10.28    8.81    7.77    6.81    5.92    5.09| 37.2    0.50000
           4.33    3.65    3.04    2.53    2.08    1.70    1.38|    1.712     13
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 2:      100.37      -5    5.73    0.06     1.3              5    377.0      36
                  12.14   10.44    9.22    8.08    7.05    6.05| 45.5    0.25000
           5.14    4.32    3.60    2.97    2.42    1.95    1.55|    0.925     13

 3:      107.98      -6    7.34    0.07     7.2              5    377.0      39
                  15.49   13.42   11.84   10.37    9.04    7.76| 58.1    0.25000
           6.58    5.52    4.61    3.79    3.11    2.53    2.04|    1.059     13

 4:       60.02       8    9.36    0.17     7.5              5    754.0      44
                  19.78   17.21   15.19   13.31   11.59    9.90| 76.8    0.12500
           8.38    7.00    5.81    4.73    3.84    3.02    2.35|    1.415     13

 5:       34.98       2   10.90    0.25     1.5              5   1256.7      42
                  22.78   19.91   17.60   15.42   13.44   11.51| 84.7    0.25000
           9.75    8.14    6.76    5.54    4.52    3.65    2.94|    0.555     13

 6:       42.05      -6   11.78    0.50     4.0              5   1099.6      44
                  24.60   21.57   19.11   16.77   14.61   12.47| 96.4    0.12500
          10.55    8.84    7.33    5.97    4.87    3.88    3.03|    1.007     13

 7:       21.65       0   12.44    1.00     5.6              5   1979.3      41
                  25.84   22.72   20.15   17.75   15.48   13.17| 97.2    0.25000
          11.17    9.41    7.87    6.42    5.31    4.26    3.28|    0.648     11

 8:       11.23       1   13.14    1.74     3.1              5   3110.5      34
                  27.07   23.81   21.03   18.47   16.17   13.89|101.2    0.25000
          11.73    9.77    8.10    6.56    5.41    4.40    3.53|    0.396      8

*
   300N    280N    275N    270N    260N    250N    240N    220N    200N    180N
             0N    300N  10489N     730       4       12:10:04|

 1:       42.34       7    6.77    0.04     1.1              5    628.3      36
                  14.15   12.24   10.80    9.43    8.22    7.15| 51.3    0.50000
           6.07    5.11    4.25    3.51    2.89    2.34    1.85|    1.347     13

 2:       30.20      -3    7.48    0.15     1.2              5    942.5      39
                  15.88   13.79   12.19   10.66    9.29    7.90| 57.4    0.50000
           6.72    5.64    4.68    3.86    3.19    2.62    2.22|    2.302     13

 3:       39.44      -8    8.62    0.40     6.6              5    754.0      41
                  18.45   16.05   14.19   12.37   10.77    9.11| 68.3    0.25000
           7.72    6.45    5.35    4.42    3.60    2.94    2.41|    1.343     13

 4:       25.46       9   10.59    0.07     6.8              5   1256.7      44
                  21.70   18.96   16.85   14.68   12.82   11.18| 78.1    1.00000
           9.53    8.12    6.76    5.67    4.70    3.81    3.06|    1.377     13

 5:       16.09       1   11.65    0.51     1.4              5   1885.0      42
                  24.13   21.17   18.75   16.32   14.30   12.30| 88.2    0.50000
          10.45    8.85    7.37    6.14    5.07    4.18    3.43|    1.800     13

 6:       20.68      -5   12.40    0.57     4.0              5   1508.0      43
                  25.12   22.13   19.78   17.12   14.96   13.08| 90.8    2.00000
          11.17    9.55    7.98    6.74    5.67    4.67    3.87|    2.295     13

 7:       11.35       2   12.35    1.93     4.9              5   2513.5      39
                  25.65   22.68   20.25   17.44   15.27   13.08| 96.2    0.25000
          11.08    9.62    7.93    6.86    5.95    5.08    4.38|    0.557      7

 8:        6.16       0   13.77    1.71     2.4              5   3770.3      32
                  26.42   23.51   21.28   17.95   15.75   14.45|101.9    8.00000
          12.59   11.20    9.42    8.43    7.48    6.30    5.56|    3.296      9

*
   310N    300N    295N    290N    280N    270N    260N    240N    220N    200N
             0N    310N  10509N     730       4       12:13:16|
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1:      126.09       6    4.65    0.03     1.4              5    188.5      33
                  9.94    8.54    7.54    6.62    5.77    4.91| 37.2    0.25000
          4.17    3.51    2.93    2.41    1.97    1.60    1.28|    1.037     13

2:       68.92      -3    5.70    0.04     1.4              5    377.0      36
                 12.03   10.40    9.19    8.05    7.02    6.01| 45.4    0.25000
          5.11    4.28    3.57    2.94    2.42    1.98    1.59|    1.308     13

3:       73.20      -4    7.02    0.05     7.1              5    377.0      38
                 14.84   12.87   11.35    9.93    8.63    7.41| 55.5    0.25000
          6.30    5.27    4.37    3.61    2.97    2.40    1.93|    0.891     13

4:       38.52       2    8.34    0.02     9.3              5    754.0      40
                 17.68   15.37   13.55   11.82   10.29    8.79| 65.4    0.25000
          7.47    6.21    5.15    4.22    3.46    2.80    2.27|    1.043     13

5:       24.40       4    9.73    0.12     3.3              5   1256.7      42
                 20.47   17.83   15.78   13.77   12.00   10.26| 76.6    0.25000
          8.72    7.28    6.12    5.04    4.11    3.35    2.70|    1.012     13

6:       28.51       2   11.32    0.21     0.7              5   1099.6      43
                 23.64   20.70   18.29   15.97   13.90   11.92| 88.5    0.25000
         10.14    8.44    7.09    5.84    4.76    3.90    3.16|    1.096     13

7:       15.32      -4   12.21    0.34     4.0              5   1979.3      42
                 25.45   22.27   19.67   17.20   14.89   12.83| 92.0    0.50000
         10.93    9.03    7.80    6.48    5.17    4.33    3.58|    2.040     13

8:        8.83       2   12.33    1.23     4.4              5   3110.5      38
                 25.41   22.37   19.79   17.16   14.87   12.83| 92.0    0.50000
         11.06    9.09    7.94    6.54    4.87    4.09    3.38|    1.771     10

*
   320N    300N    295N    290N    280N    270N    260N    240N    220N    200N
             0N    320N  10509N     730       4       12:16:15|

1:       42.30       6    6.50    0.02     1.3              5    628.3      36
                 13.90   12.00   10.57    9.23    8.04    6.87| 54.2    0.12500
          5.81    4.85    4.03    3.31    2.69    2.16    1.74|    0.804     13

2:       28.83      -4    7.41    0.05     1.4              5    942.5      37
                 15.72   13.68   12.07   10.55    9.17    7.83| 61.8    0.12500
          6.61    5.53    4.62    3.76    3.09    2.48    1.99|    0.946     13

3:       37.28      -3    8.48    0.03     6.8              5    754.0      39
                 18.04   15.63   13.77   12.02   10.45    8.96| 66.6    0.25000
          7.57    6.33    5.26    4.29    3.51    2.86    2.30|    1.087     13

4:       23.06       3    9.54    0.10     9.1              5   1256.7      40
                 20.13   17.51   15.44   13.49   11.77   10.09| 78.3    0.12500
          8.52    7.09    5.92    4.82    3.86    3.11    2.48|    0.717     13

5:       16.00       4   10.62    0.10     3.4              5   1885.0      41
                 22.23   19.37   17.05   14.93   13.06   11.22| 82.4    0.25000
          9.51    7.95    6.67    5.38    4.39    3.50    2.81|    1.045     13

6:       20.10       1   11.88    0.17     0.6              5   1508.0      42
                 24.85   21.77   19.18   16.78   14.65   12.56| 91.9    0.25000
         10.63    8.81    7.38    5.93    4.91    3.94    3.22|    0.989     13

7:       11.51      -3   12.53    0.25     3.3              5   2513.5      40
                 26.33   23.15   20.27   17.78   15.50   13.24|102.0    0.12500
         11.28    9.29    7.85    6.16    5.18    3.91    3.35|    1.842     13

8:        6.93       2   12.34    0.37     3.6              5   3770.3      36
                 26.08   23.09   20.08   17.63   15.33   13.05|101.1    0.12500
         11.26    9.21    7.94    5.94    5.20    3.78    3.33|    3.034     13
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*
   330N    320N    315N    310N    300N    290N    280N    260N    240N    220N
             0N    330N  10529N     730       4       12:19:26|

 1:      126.30       7    4.33    0.00     1.4                5    188.5      33
                   9.42    8.05    7.07    6.17    5.37    4.58| 36.4    0.12500
           3.87    3.23    2.67    2.20    1.78    1.46    1.15|    1.024     13

 2:       65.22      -6    5.34    0.00     1.3                5    377.0      34
                  11.46    9.86    8.68    7.59    6.61    5.64| 42.5    0.25000
           4.78    3.99    3.32    2.74    2.24    1.81    1.46|    1.154     13

 3:       69.39      -1    6.70    0.00     6.6                5    377.0      36
                  14.44   12.51   10.97    9.58    8.31    7.08| 56.0    0.12500
           5.98    4.98    4.14    3.40    2.75    2.23    1.80|    0.781     13

 4:       36.75       7    8.36    0.00     6.3                5    754.0      38
                  17.76   15.41   13.57   11.84   10.30    8.83| 73.5    0.06250
           7.44    6.26    5.15    4.22    3.33    2.71    2.09|    1.489     13

 5:       22.76      -5    9.57    0.03     4.7                5   1256.7      39
                  20.24   17.62   15.48   13.52   11.76   10.08| 78.8    0.12500
           8.56    7.11    5.88    4.82    3.91    3.22    2.55|    0.925     13

 6:       26.69       5   10.58    0.03     4.6                5   1099.6      40
                  22.19   19.41   17.08   15.02   13.02   11.25| 82.9    0.25000
           9.44    8.03    6.68    5.55    4.38    3.62    2.86|    0.948     13

 7:       14.94      -2   12.00    0.00     1.6                5   1979.3      40
                  25.35   22.25   19.47   17.15   14.82   12.84| 98.3    0.12500
          10.59    8.97    7.42    6.25    4.87    3.95    3.07|    1.364     13

 8:        8.98       1   13.26    0.08     5.0                5   3110.5      38
                  27.66   23.77   21.05   18.24   16.05   13.78| 97.3    0.50000
          11.67    9.59    8.07    6.68    5.25    4.56    3.88|    3.163     13

*
   340N    320N    315N    310N    300N    290N    280N    260N    240N    220N
             0N    340N  10529N     730       4       12:22:17|

 1:       42.75       7    6.36    0.00     1.3                5    628.3      37
                  13.87   11.95   10.52    9.18    7.96    6.75| 59.9    0.03125
           5.40    4.40    3.57    2.86    2.50    2.05    1.60|    3.048     13

 2:       27.37      -6    7.25    0.07     1.2                5    942.5      35
                  15.63   13.51   11.90   10.37    9.02    7.68| 60.3    0.12500
           6.51    5.43    4.48    3.67    2.94    2.31    1.95|    1.341     13

 3:       34.79      -2    8.30    0.18     6.6                5    754.0      36
                  17.92   15.49   13.67   11.91   10.37    8.80| 66.4    0.25000
           7.56    6.39    5.30    4.41    3.48    2.83    2.30|    1.221     13

 4:       21.71       7    9.82    0.00     6.3                5   1256.7      37
                  20.61   17.97   15.97   14.03   12.25   10.43| 83.5    0.06250
           8.29    6.56    5.28    4.27    3.79    3.21    2.63|    5.245     13

 5:       14.87      -4   10.50    0.00     4.3                5   1885.0      38
                  22.23   19.36   17.17   15.04   13.11   11.16| 82.8    0.25000
           9.40    8.09    6.58    5.47    4.39    3.57    2.90|    0.853     13

 6:       18.86       5   11.31    0.39     4.1                5   1508.0      39
                  23.40   20.46   18.21   16.08   14.10   12.01| 83.6    1.00000
           9.99    8.48    7.10    5.99    4.97    4.00    3.47|    2.652     13

 7:       11.27      -2   12.81    0.26     1.4                5   2513.5      39
                  26.28   23.11   20.70   18.32   16.08   13.65| 95.4    2.00000
          11.46    9.97    8.40    7.07    5.87    4.93    4.27|    3.312     13
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 8:       7.06       1   13.75    1.17     4.5              5   3770.3      36
                  28.44   24.78   22.31   19.74   17.32   14.70|106.7    0.25000
          11.80   10.17    8.40    7.34    6.02    4.81    4.32|    2.569     11

*
   350N    340N    335N    330N    320N    310N    300N    280N    260N    240N
             0N    350N  10549N     730       4       12:25:46|

 1:     104.03       6    4.68    0.00     1.0              5    188.5      27
                   9.97    8.55    7.55    6.62    5.77    4.94| 37.4    0.25000
           4.19    3.53    2.94    2.42    1.99    1.61    1.27|    1.133     13

 2:      61.43      -4    5.48    0.00     0.9              5    377.0      32
                  11.93   10.26    9.02    7.86    6.83    5.81| 48.9    0.06250
           4.89    4.08    3.38    2.75    2.22    1.76    1.36|    1.204     13

 3:      62.49      -1    7.00    0.01     5.7              5    377.0      32
                  15.10   13.01   11.48   10.04    8.72    7.41| 58.3    0.12500
           6.25    5.23    4.35    3.54    2.88    2.30    1.81|    0.842     13

 4:      34.20       2    8.11    0.00     8.6              5    754.0      35
                  17.60   15.18   13.43   11.73   10.16    8.59| 71.8    0.06250
           7.21    6.02    5.03    4.07    3.29    2.60    1.98|    1.566     13

 5:      20.16       2    9.28    0.03     4.1              5   1256.7      35
                  20.06   17.36   15.40   13.42   11.65    9.85| 88.5    0.03125
           8.27    6.96    5.73    4.64    3.71    2.90    2.17|    2.522     13

 6:      24.18       2   10.58    0.00     1.5              5   1099.6      36
                  22.22   19.21   17.26   15.19   13.19   11.19| 86.8    0.12500
           9.39    7.90    6.65    5.39    4.39    3.48    2.64|    1.808     13

 7:      13.76      -2   11.27    0.00     1.4              5   1979.3      37
                  23.67   20.35   18.53   16.30   14.16   11.93|104.9    0.03125
           9.91    8.33    7.04    5.57    4.45    3.41    2.36|    5.409     13

 8:       8.66       0   13.04    0.00     1.4              5   3110.5      37
                  26.62   22.84   21.10   18.60   16.29   13.77|105.0    0.12500
          11.46    9.85    8.50    6.64    5.40    4.24    2.93|    5.054     13

*
   360N    340N    335N    330N    320N    310N    300N    280N    260N    240N
             0N    360N  10549N     631       4       12:28:50|

 1:      32.26       4    6.64    0.10     0.9              5    628.3      32
                  14.25   12.31   10.87    9.47    8.23    7.02| 55.5    0.12500
           5.94    4.96    4.11    3.37    2.75    2.22    1.78|    0.772     13

 2:      23.24      -3    7.35    0.00     0.8              5    942.5      35
                  15.86   13.74   12.13   10.54    9.11    7.77| 65.3    0.06250
           6.58    5.48    4.49    3.68    3.04    2.41    1.85|    1.224     13

 3:      28.24      -2    8.37    0.13     5.7              5    754.0      34
                  18.11   15.65   13.83   12.02   10.40    8.85| 69.5    0.12500
           7.47    6.24    5.14    4.20    3.45    2.76    2.19|    0.789     13

 4:      18.03       2    9.36    0.20     8.3              5   1256.7      36
                  19.90   17.34   15.37   13.36   11.55    9.88| 73.7    0.25000
           8.38    7.02    5.79    4.77    3.96    3.21    2.56|    1.129     13

 5:      11.67       3   10.20    0.23     3.8              5   1885.0      35
                  21.71   18.95   16.82   14.61   12.70   10.74| 84.1    0.12500
           9.15    7.70    6.31    5.15    4.18    3.37    2.62|    0.921     13

 6:      15.14       1   11.31    0.43     1.4              5   1508.0      36
                  23.40   20.53   18.28   15.90   13.85   11.87| 84.8    0.50000
          10.15    8.58    7.05    5.85    4.91    3.97    3.07|    1.440     13
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 7:       9.18      -0   11.98    0.56     1.2              5   2513.5      37
                  24.61   21.69   19.43   16.87   14.57   12.52| 88.4    1.00000
          10.81    9.16    7.49    6.30    5.40    4.47    3.51|    2.321     13

 8:       6.01      -0   13.53    1.35     1.1              5   3770.3      36
                  27.22   23.99   21.39   18.54   16.33   14.05| 99.8    0.50000
          12.20   10.41    8.42    7.06    5.77    4.68    3.33|    1.226     10

*
   370N    360N    355N    350N    340N    330N    320N    300N    280N    260N
             0N    370N  10569N     764       4       12:32:04|

 1:     112.14       5    4.46    0.04     0.9              5    188.5      28
                   9.68    8.27    7.30    6.37    5.54    4.73| 40.0    0.06250
           3.98    3.35    2.78    2.27    1.85    1.44    1.11|    1.821     13

 2:      56.02      -3    5.62    0.05     0.9              5    377.0      28
                  12.05   10.37    9.11    7.96    6.91    5.92| 47.0    0.12500
           5.05    4.18    3.48    2.85    2.35    1.90    1.50|    1.210     13

 3:      68.95      -3    7.03    0.05     5.2              5    377.0      34
                  15.16   13.10   11.52   10.04    8.73    7.43| 67.1    0.03125
           6.28    5.23    4.32    3.50    2.81    2.20    1.67|    2.244     13

 4:      35.37       2    8.30    0.08     7.3              5    754.0      35
                  17.91   15.52   13.61   11.89   10.33    8.79| 73.4    0.06250
           7.42    6.16    5.08    4.11    3.26    2.58    2.27|    2.222     13

 5:      20.98       3    9.53    0.18     3.4              5   1256.7      35
                  20.39   17.68   15.53   13.57   11.80   10.07| 90.2    0.03125
           8.53    7.07    5.86    4.75    3.77    2.94    2.27|    2.259     13

 6:      24.76       2   10.44    0.12     1.6              5   1099.6      36
                  22.19   19.33   16.97   14.85   12.96   11.05|106.8    0.01563
           9.38    7.76    6.38    5.13    3.98    2.98    2.34|    3.954     13

 7:      13.82      -3   11.88    0.08     1.7              5   1979.3      36
                  24.56   21.52   18.97   16.72   14.69   12.54|101.8    0.06250
          10.76    8.94    7.49    6.06    4.63    3.50    2.68|    4.669     13

 8:       8.80       2   12.54    0.71     1.6              5   3110.5      36
                  25.90   22.67   19.77   17.46   15.45   13.28|114.2    0.03125
          11.29    9.19    7.45    5.82    4.14    2.78    2.29|    5.310     11

*
   380N    360N    355N    350N    340N    330N    320N    300N    280N    260N
             0N    380N  10569N     638       4       12:35:06|

 1:      32.61       5    6.49    0.04     0.9              5    628.3      32
                  14.04   12.10   10.65    9.26    8.05    6.88| 57.3    0.06250
           5.79    4.79    3.89    3.18    2.58    2.05    1.67|    0.833     13

 2:      20.11      -1    7.31    0.09     0.8              5    942.5      30
                  15.77   13.64   12.01   10.45    9.09    7.73| 64.8    0.06250
           6.53    5.46    4.50    3.67    2.97    2.35    1.82|    1.224     13

 3:      29.76      -5    8.52    0.03     5.3              5    754.0      35
                  18.24   15.80   13.88   12.08   10.53    9.01| 70.3    0.12500
           7.60    6.38    5.25    4.32    3.50    2.79    2.16|    1.256     13

 4:      17.88       2    9.33    0.24     7.4              5   1256.7      35
                  19.98   17.31   15.29   13.28   11.60    9.89|105.1    0.00781
           8.28    6.88    5.37    4.29    3.44    2.67    2.13|    2.921     13

 5:      11.64       4   10.41    0.26     3.3              5   1885.0      34
                  22.05   19.18   16.92   14.72   12.88   11.03| 85.2    0.12500
           9.22    7.84    6.47    5.31    4.30    3.39    2.56|    1.994     13
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 6:       14.85       0   11.04    0.32     1.5                5   1508.0       35
                  23.31   20.26   17.88   15.48   13.63   11.72|102.9    0.03125
           9.76    8.28    6.76    5.50    4.40    3.38    2.37|    4.651      13

 7:        8.86      -2   12.42    0.51     1.5                5   2513.5       35
                  25.40   22.19   19.64   17.06   15.17   13.17|106.1    0.06250
          10.97    9.38    7.70    6.32    5.09    3.96    2.67|    5.409      13

 8:        5.87       2   13.01    1.35     1.4                5   3770.3       35
                  26.49   23.16   20.47   17.87   15.87   13.83| 99.2    0.25000
          11.45    9.76    7.94    6.55    5.08    3.71    2.16|    1.178       9

*
   390N    380N    375N    370N    360N    350N    340N    320N    300N    280N
             0N    390N  10589N     638       4       12:43:19|

 1:       96.35       5    4.88    0.00     1.2                5    188.5       28
                  10.30    8.87    7.84    6.87    6.00    5.15| 40.7    0.12500
           4.37    3.66    3.03    2.49    2.02    1.58    1.29|    1.188      13

 2:       51.21      -1    5.61    0.00     1.3                5    377.0       30
                  12.04   10.38    9.16    8.01    6.95    5.94| 46.9    0.12500
           5.03    4.18    3.47    2.85    2.32    1.86    1.48|    0.607      13

 3:       55.15      -6    6.87    0.01     6.1                5    377.0       33
                  14.81   12.80   11.28    9.84    8.55    7.28| 57.2    0.12500
           6.16    5.12    4.25    3.48    2.82    2.25    1.80|    0.668      13

 4:       27.02       9    8.10    0.10     5.9                5    754.0       32
                  17.42   15.08   13.31   11.58   10.09    8.57| 71.6    0.06250
           7.24    5.99    4.95    4.03    3.28    2.61    2.06|    0.699      13

 5:       18.07      -4    9.23    0.03     2.7                5   1256.7       36
                  20.00   17.31   15.33   13.37   11.54    9.77| 81.9    0.06250
           8.25    6.86    5.71    4.64    3.75    2.99    2.38|    0.625      13

 6:       20.18       4   10.21    0.10     3.1                5   1099.6       35
                  21.82   18.99   16.89   14.66   12.77   10.82| 90.3    0.06250
           9.18    7.60    6.38    5.18    4.17    3.28    2.62|    1.183      13

 7:       11.07      -3   11.46    0.00     1.7                5   1979.3       34
                  25.58   22.16   19.75   17.03   14.61   12.18|132.0    0.00781
          10.25    8.39    6.95    5.55    4.35    3.37    2.59|    2.623      13

 8:      -10.88     354 -2327.26    9.17    18.6                5   3110.5       53
                -7081.64 -6332.81 -5508.59 -4551.15 -3588.75 -2628.23|-8807.9
0.00024
               -1792.04 -1164.76 -750.76 -475.97 -291.24 -188.13 -122.68|   83.875
13


*
   400N    380N    375N    370N    360N    350N    340N    320N    300N    280N
             0N    400N  10589N     638       4       12:47:27|

 1:       34.00       6    6.75    0.03     1.4                5    628.3       33
                  14.47   12.53   11.04    9.65    8.40    7.15| 56.3    0.12500
           6.03    5.03    4.15    3.42    2.77    2.26    1.79|    0.619      13

 2:       22.49      -1    7.25    0.00     1.5                5    942.5       33
                  15.66   13.56   11.91   10.43    9.10    7.69| 64.4    0.06250
           6.46    5.41    4.44    3.63    2.94    2.35    1.83|    0.835      13

 3:       28.81      -8    8.27    0.03     6.2                5    754.0       34
                  17.71   15.38   13.53   11.86   10.29    8.75| 68.9    0.12500
           7.34    6.20    5.13    4.22    3.42    2.79    2.19|    0.787      13
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 4:       16.61       9    8.90    0.00     6.0              5   1256.7      33
                  19.35   16.84   14.76   12.93   11.34    9.47| 79.1    0.06250
           7.95    6.73    5.51    4.45    3.62    2.88    2.22|    1.282     13

 5:       12.26      -4    9.93    0.00     2.9              5   1885.0      36
                  21.32   18.60   16.28   14.40   12.56   10.57| 82.5    0.12500
           8.82    7.49    6.13    5.05    4.11    3.34    2.61|    0.815     13

 6:       14.75       5   10.58    0.05     3.1              5   1508.0      35
                  22.62   19.79   17.38   15.29   13.08   11.21| 92.8    0.06250
           9.28    7.93    6.47    5.31    4.23    3.40    2.67|    0.937     13

 7:        8.61      -3   12.03    0.00     1.6              5   2513.5      34
                  27.63   24.26   21.17   18.52   16.22   12.87|129.3    0.01563
          10.68    8.97    7.20    5.86    4.76    3.95    3.17|    2.296     13

*
   410N    400N    395N    390N    380N    370N    360N    340N    320N    300N
             0N    410N  10609N     638       4       12:50:41|

 1:       93.25       7    5.20    0.00     2.0              5    188.5      28
                  11.05    9.49    8.37    7.34    6.41    5.49| 41.2    0.25000
           4.66    3.91    3.25    2.67    2.18    1.76    1.38|    1.044     13

 2:       51.12      -4    5.97    0.03     2.1              5    377.0      30
                  12.85   11.06    9.78    8.51    7.42    6.32| 52.9    0.06250
           5.33    4.44    3.66    2.99    2.41    1.93    1.48|    1.248     13

 3:       62.81      -8    7.13    0.02     6.2              5    377.0      37
                  15.40   13.26   11.71   10.23    8.89    7.56| 59.3    0.12500
           6.37    5.33    4.40    3.61    2.91    2.35    1.83|    0.969     13

 4:       28.12       4    8.08    0.09     7.8              5    754.0      33
                  17.57   15.15   13.37   11.68   10.06    8.61| 77.0    0.03125
           7.19    5.99    4.89    3.98    3.16    2.49    1.96|    1.435     13

 5:       17.00       4    8.79    0.14     3.9              5   1256.7      33
                  19.35   16.72   14.97   12.90   11.04    9.31|112.4    0.00391
           7.78    6.47    5.22    4.22    3.24    2.50    1.90|    3.516     13

 6:       19.51       2   10.00    0.19     1.6              5   1099.6      34
                  21.56   18.74   16.68   14.55   12.46   10.71| 95.3    0.03125
           8.94    7.50    6.12    4.92    3.87    3.08    2.55|    1.706     13

 7:       10.93      -3   13.48    0.20     1.8              5   1979.3      34
                  31.69   27.74   24.74   20.96   17.60   14.44|275.3    0.00024
          11.72    9.31    7.20    5.38    3.87    3.15    2.31|   11.051     13

*
   420N    400N    395N    390N    380N    370N    360N    340N    320N    300N
             0N    420N  10609N     638       4       12:53:17|

 1:       31.66       6    7.13    0.03     2.0              6    628.3      31
                  15.21   13.17   11.63   10.16    8.84    7.54| 59.4    0.12500
           6.38    5.32    4.42    3.63    2.96    2.36    1.91|    0.755     13

 2:       21.25      -4    7.73    0.01     1.8              6    942.5      31
                  16.57   14.35   12.66   11.06    9.62    8.18| 64.6    0.12500
           6.95    5.78    4.78    3.95    3.21    2.59    2.08|    0.766     13

 3:       31.78      -8    8.49    0.07     6.0              6    754.0      38
                  18.18   15.74   13.91   12.12   10.55    8.98| 70.8    0.12500
           7.61    6.35    5.26    4.34    3.54    2.83    2.34|    1.222     13

 4:       17.04       4    9.06    0.09     8.0              6   1256.7      34
                  19.23   16.77   14.84   12.94   11.31    9.60| 74.9    0.12500
           8.11    6.74    5.59    4.58    3.74    2.95    2.40|    0.513     13
```

```
5:      11.41       3    9.93    0.12     3.5              6   1885.0      34
              20.93   18.34   16.21   14.18   12.41   10.53| 78.7    0.25000
         8.93    7.49    6.22    5.13    4.23    3.39    2.87|    1.660     13

6:      14.24       3   10.46    0.17     1.3              6   1508.0      34
              22.01   19.31   17.11   15.01   13.16   11.08| 82.3    0.25000
         9.40    7.95    6.51    5.36    4.38    3.45    2.95|    1.465     13

7:       8.49      -2   14.19    0.37     1.6              6   2513.5      33
              32.00   28.25   24.90   21.66   18.64   15.28|205.2    0.00195
        12.39   10.10    7.95    6.39    5.17    4.03    3.50|    3.250     13
```