

## SOL Scoring 2009: ‘Notes and Explanations’

The new scoring system is based on courses, rather than age classes. The average time of all SOL eligible runners on each course is used as the basis for the scores (a runner taking this time scores 1000 points).

### What defines a SOL eligible runner?

- An individual competitor who runs a course at least as long/difficult as the course to which their age class (L or S) is allocated
- A member of BOF

### Running up

Because runners may choose to ‘run up’, it can be difficult to allocate such competitors to an appropriate age class. The following table shows how this has been done, using the principle that runners are allocated to the highest class for which they are eligible.

**Table 1:** Age classes for which SOL scores are reported for runners on each course, of each age class. For example, a W14 who runs Green will be included in the W16 scores. However, a W14 running ‘Short Green’ will not be included in any scores as there is no Short Green age class (between W14 and W21) that she can be allocated to. Runners whose Age class – course combination is in one of the empty cells are not included in calculations of the average time for the course, and hence points for other runners.

| Age Class | Black | Brown | Short Brown | Blue | Short Blue | Green | Short Green | Light Green | Orange | Yellow |
|-----------|-------|-------|-------------|------|------------|-------|-------------|-------------|--------|--------|
| M10       | M21L  | M20   | M21S        | M16  |            |       |             | M14         | M12    | M10    |
| M12       | M21L  | M20   | M21S        | M16  |            |       |             | M14         | M12    |        |
| M14       | M21L  | M20   | M21S        | M16  |            |       |             | M14         |        |        |
| M16       | M21L  | M20   | M21S        | M16  |            |       |             |             |        |        |
| M18       | M21L  | M18   | M21S        |      |            |       |             |             |        |        |
| M20       | M21L  | M20   | M21S        |      |            |       |             |             |        |        |
| M21       | M21L  |       | M21S        |      |            |       |             |             |        |        |
| M35       | M21L  | M35L  | M21S        | M35S |            |       |             |             |        |        |
| M40       | M21L  | M40L  | M21S        | M40S |            |       |             |             |        |        |
| M45       | M21L  | M35L  | M45L        | M35S | M45S       |       |             |             |        |        |
| M50       | M21L  | M35L  | M50L        | M35S | M50S       |       |             |             |        |        |
| M55       | M21L  | M35L  | M45L        | M55L | M45S       | M55S  |             |             |        |        |
| M60       | M21L  | M35L  | M45L        | M60L | M45S       | M60S  |             |             |        |        |
| M65       | M21L  | M35L  | M45L        | M55L | M65L       | M55S  | M65S        |             |        |        |
| M70       | M21L  | M35L  | M45L        | M55L | M65L       | M70L  | M70S        |             |        |        |
| M75       | M21L  | M35L  | M45L        | M55L | M65L       | M70L  | M75         |             |        |        |
| M80       | M21L  | M35L  | M45L        | M55L | M65L       | M70L  | M80         |             |        |        |
| W10       | M21L  | M20   | W21L        | W18  | W21S       | W16   |             | W14         | W12    | W10    |
| W12       | M21L  | M20   | W21L        | W18  | W21S       | W16   |             | W14         | W12    |        |
| W14       | M21L  | M20   | W21L        | W18  | W21S       | W16   |             | W14         |        |        |
| W16       | M21L  | M20   | W21L        | W18  | W21S       | W16   |             |             |        |        |
| W18       | M21L  | M20   | W21L        | W18  | W21S       |       |             |             |        |        |
| W20       | M21L  | M20   | W21L        | W20  | W21S       |       |             |             |        |        |
| W21       | M21L  |       | W21L        |      | W21S       |       |             |             |        |        |
| W35       | M21L  | M35L  | W21L        | W35L | W21S       | W35S  |             |             |        |        |
| W40       | M21L  | M35L  | W21L        | W40L | W21S       | W40S  |             |             |        |        |
| W45       | M21L  | M35L  | W21L        | W35L | W45L       | W35S  | W45S        |             |        |        |
| W50       | M21L  | M35L  | W21L        | W35L | W50L       | W35S  | W50S        |             |        |        |
| W55       | M21L  | M35L  | W21L        | W35L | W45L       | W55L  | W55S        |             |        |        |
| W60       | M21L  | M35L  | W21L        | W35L | W45L       | W60L  | W60S        |             |        |        |

|            |      |      |      |      |      |      |      |  |  |  |
|------------|------|------|------|------|------|------|------|--|--|--|
| <b>W65</b> | M21L | M35L | W21L | W35L | W45L | W55L | W65L |  |  |  |
| <b>W70</b> | M21L | M35L | W21L | W35L | W45L | W55L | W70  |  |  |  |
| <b>W75</b> | M21L | M35L | W21L | W35L | W45L | W55L | W75  |  |  |  |
| <b>W80</b> | M21L | M35L | W21L | W35L | W45L | W55L | W80  |  |  |  |

### **Non-SOA runners**

The current version of SOL Guidelines requires non-SOA runners to complete 4 events and to notify the competitions convenor that they wish to be included in the league. ALL eligible runners are included in the points calculations (including visiting overseas competitors), but only those who follow the procedure in the guidelines will be eligible for SOL prizes.

### **How the points system works**

To illustrate how the points system works, the following example is taken from Short Blue at Auchingarrich.

72 competitors completed the course, one of whom (Peter Gardiner, M21) was not in an age class that has an appropriate Short Blue course. Of the other 71, 8 scored points in M45S, 15 in M50S, 6 in M65L, 3 in W21S, 19 in W45L, and 20 in W50L. Taking W45L as an example, the table shows one W60 and two W55s, who were running up. These runners could equally be listed in the W50L results, but are shown in the highest class (youngest age group L course, for seniors) eligible for this course.

The 71 eligible runners have an average time of 67:17, with a standard deviation of 15:18. So, a runner taking 67:17 scores 1000 points. Lesley Gomersall (GRAMP, W45L took 67:12 and so scores 1001 points). Every 15:18 minutes slower/faster than 67:17 loses/gains a runner 200 points. In the six age classes running this course, fastest times and maximum points were:

|      |                     |       |             |
|------|---------------------|-------|-------------|
| M45S | Sam Gomersall       | 46:32 | 1271 points |
| M50S | Blair Young         | 41:53 | 1332        |
| M65L | Neil McLean         | 52:34 | 1192        |
| W21S | Victoria Campbell   | 54:31 | 1167        |
| W45L | Jane Ackland        | 45:43 | 1282        |
| W50L | Christine Patterson | 51:43 | 1204        |

### **Correcting errors**

There are several sources of error in the points scoring system, particularly if runners have incorrect age classes recorded in the results (or in the SI database). Correcting errors is easy, but any change to a runner's results may have knock-on effects for other runners scores (for example, a runner who is listed as being ineligible for SOL points on their course is not included in the calculation of the average time for that course; if the runner is actually eligible, they will then affect the average and standard deviation so the points scored by all runners on that course will be altered).

Every effort will be made to correct errors, but competitors are asked to notify any errors within 1 month of the scores for each event being published (2 weeks for the final scores after SOL7).