

### 2013 ACT League Orienteer of the Year Competition

#### Background

The ACT League (Orienteer of the Year competition) was developed by Bob Mouatt in 1987, basing it on the British system of the early 1980s. Points were awarded on the basis of a competitor's performance against a notional par time, which was the fastest time recorded for the class. At the time there was no other way of calculating a par time. This version of the system was used for the 1987-89 seasons.

By 1990 Bob Allison had developed a system that produced a notional time that would be run by the best orienteer for a class, nationally. This time was deemed to be the par time. Using this system, and a count back process, a single Orienteer of the Year could be determined. The Wehner Cup competition was introduced with the change in calculating points. This system was used for the 1990-96 seasons to determine the Orienteer of the Year and winner of the Wehner Cup.

During the summer of 1996-97, Andrew Blakers developed a method, based on the Allison age class performance tables, to calculate the winner of the Runners Shop Twilight Series. The Blakers' system closely resembled the early British system in that uses the relative performance between orienteers to calculate performance points, but it is yearly-based rather than age-class-based system. The Blakers method to calculate points was approved by the ACTOA Council on 28 August 1997 and is revised from time to time, based on current performance data.

#### Current Process

The current process (in simple terms) for calculating points is:

- The age/gender relationship factor (see table at the end of this document) is applied to the times for all competitors (who complete a Red course individually) to produce a revised kilometre rate that has been 'normalised' for their age, gender and course length.
- The revised kilometre rates are then matched against the nominal kilometre rate for the Australian elite male champion (par km rate) and points are awarded on the basis of relativity. That is if the rates match, the competitor receives 125 points, if it is faster, the competitor receives pro rata more than 125 and slower (as is usually the case) the competitor receives pro rata of 125 points.
- Loading factors are based on whether a competitor is able to view the map before starting. For events where a competitor views the map the factor is 1.0 and for those event where a competitor does not view the map the factor is 1.1.
- Final competition placings are based on the sum of competitors' best scores for half of the series plus one and the competitor with the highest score is the ACT League Orienteer of the Year. The table of scores also has other valuable information such 'relative handicap speed'. A score of 0.90 or better is excellent and 0.80 is very good.



### 2013 Inter-club Challenge

The rules for the 2013 Inter-club Challenge competition conducted on all ACT League events are set out below.

Points are scored for M and W classes and M/W mixed classes on each course, except for the Blue course, as follows:

- 1st = 5 points
- 2nd = 4 points
- 3rd = 3 points
- 4th = 2 points

with all finishers not in Groups receiving one point up to a maximum of five (5) finishers per club per M/W or Mixed class.

For Relays/Team Events each team member receives the same points, eg five for a win, four for second, etc and combined teams are permitted for the purpose of competing in the Relays/Team Events, eg Red Roos could combine with Bushflyers to form an official team. Each team member would earn points for their club relative to their placing, but the maximum of five points scorers per club still applies.

All participants completing a Blue course, either individually or in a Group receive one point up to a maximum of five (5) per Club.

The Organiser, Course Planner and Controller (providing there is one) will each receive two points for their club, in addition to the points scored by their fellow club competitors.

For the purposes of this competition, the Abominables and Weston Emus are considered buddy clubs and treated as one combined club.

All points for each club are aggregated to determine the winning club.

#### 2012-13 Runners Shop Twilight Series

The *Runners Shop* in Phillip sponsors a competition, which is conducted in conjunction with the Twilight Series. The competition is based on 'normalised' kilometre rates through adjusting competitor's times for their age and gender (see table at the end of this document). As kilometre rates vary depending on the degree of navigational difficulty, the competition can only be operated on courses with the same navigational difficulty. As by far the majority of competitors undertake the Orange (Moderate) courses, the competition is based on those courses. Furthermore, it is a competition for individuals and thus Team classes are excluded.

After competitors' kilometre rates have been adjusted for their age and gender, their 'normalised' kilometre rates are ranked in order. A score of 125 points is awarded for the fastest kilometre rate followed by 124, 123, 122, etc down to 25 for anyone who completes their course. Final competition placings are based on the sum of competitors' best scores for half of the series plus one. For 2012-13, this will be the best 9 scores out of 17. (The number of scores may be adjusted if events are cancelled.). *Runners Shop* vouchers will be presented as follows: a \$120 voucher to winner, a \$80 voucher to second and a \$50 voucher to third, and vouchers up to the value of \$200 (probably five vouchers at \$40 as encouragement awards).

## 2013 [Saturday] Metro Junior and Senior Leagues

### Scoring System

The best 12 scores received will be used to generate the final rankings. A minimum of six events must be attended over the course of the competition to be eligible for a place in the final standings. Points are allocated on the basis of places within each class and course. For each course the points are:

Orange 1: 30 25 22 20 18 16 14 13 12 11...

Orange 2: 20 17 15 13 12 11 10 9...

Green: 13 11 9 8 7 6...

Blue: 8 6 5 4 3...

One less point is given for each subsequent place with everyone who finishes receiving at least one point. Those who "dnf" receive zero points but the event counts towards the minimum eligibility requirement of six events attended.

When there are special events (maps without handrails, or the sprint events at Radford College where the championship classes started without getting to view the map first), the classes and courses are merged.

### Metro League Corrections

Please report any corrections to competitors' ages or clubs, or any errors in the scoring, to Greg Lane at: [Gregory.Lane@anu.edu.au](mailto:Gregory.Lane@anu.edu.au) and/or [Jodie.Greg@internode.on.net](mailto:Jodie.Greg@internode.on.net).

## 2013 Mid-week Metro Senior League

### Scoring System

The community ethos of the Mid-Week Metro Series makes participation a key component. Hence all scores count and the event organiser is given a first place score. Furthermore all courses are scored in the same way with points allocated on the basis of places within each class. The points for each place are:

Orange 1 or 2: 30 25 22 20 18 16 14 13 12 11...

with all successful finishers getting a minimum of 1 point. Since there are only occasional junior entries, the scores are only collated for Open and Masters classes and only Orange courses count.

When there are special events (maps without handrails, points events, timed events, scatter courses etc), the results for both classes and courses are merged.

For corrections; see above.

### Age/Sex Factors for 2013

YOB	Men	Women
1927 or earlier	0.4360	0.3488
1928	0.4480	0.3584
1929	0.4600	0.3680
1930	0.4720	0.3776
1931	0.4840	0.3872
1932	0.4960	0.3968
1933	0.5080	0.4064
1934	0.5200	0.4160
1935	0.5320	0.4256
1936	0.5440	0.4352
1937	0.5560	0.4448
1938	0.5680	0.4544
1939	0.5800	0.4640
1940	0.5920	0.4736
1941	0.6040	0.4832
1942	0.6160	0.4928
1943	0.6280	0.5024
1944	0.6400	0.5120
1945	0.6520	0.5216
1946	0.6640	0.5312

YOB	Men	Women
1947	0.6760	0.5408
1948	0.6880	0.5504
1948	0.6700	0.5360
1949	0.6820	0.5456
1950	0.6940	0.5552
1951	0.7060	0.5648
1952	0.7180	0.5744
1953	0.7300	0.5840
1954	0.7420	0.5936
1955	0.7540	0.6032
1956	0.7660	0.6128
1957	0.7780	0.6224
1958	0.7900	0.6320
1959	0.8020	0.6416
1960	0.8140	0.6512
1961	0.8260	0.6608
1962	0.8380	0.6704
1963	0.8500	0.6800
1964	0.8600	0.6880
1965	0.8700	0.6960
1966	0.8800	0.7040
1967	0.8900	0.7120
1968	0.9000	0.7200
1969	0.9100	0.7280
1970	0.9200	0.7360
1971	0.9300	0.7440
1972	0.9400	0.7520
1973	0.9500	0.7600
1974	0.9600	0.7680
1975	0.9700	0.7760
1976	0.9800	0.7840
1978	0.9900	0.7920
1979	1.0000	0.8000
1980	1.0000	0.8000
1981	1.0000	0.8000
1982	1.0000	0.8000
1983	1.0000	0.8000
1984	1.0000	0.8000
1985	1.0000	0.8000
1986	1.0000	0.8000
1987	1.0000	0.8000
1988	1.0000	0.8000
1989	1.0000	0.8000
1990	1.0000	0.8000
1991	1.0000	0.8000
1992	1.0000	0.8000
1993	0.9700	0.7760
1994	0.9400	0.7520
1995	0.9100	0.7280
1996	0.8800	0.7040
1997	0.8500	0.6800
1998	0.8200	0.6560
1999	0.7900	0.6320
2000	0.7600	0.6080
2001	0.7300	0.5840
2002	0.7000	0.5600
2003 or later	0.6700	0.5360