

Personal Ranking Reference Book

for the New Competition Framework
Phillip Clements
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Version 2.6

Change History

Sept 15	Version 1.3	Initial release
Oct 16	Version 2.5	More clarifications added
Jan 17	Version 2.6	Updated in-consistencies with summary

Ranking Points System for the New Competition Framework

1. General Principles of the new Ranking Points System

- 1.1. Ranking Points (RPs) are gained depending on the position attained in an event.
- 1.2. Heads and Regattas have different models.
- 1.3. Rowing and Sculling RPs are separate.
- 1.4. Should statistical analysis indicate that a multiplier is required to truly reflect the achievement of crews, then there is a facility to incorporate this in the system at a later date. The weighting available are:
 - 1.4.1. A multiplier to the number of RPs gained.
 - 1.4.2. An offset to the number RPs gained.
 - 1.4.3. Or a combination of both
- 1.5. All events except Rowability events will gain RPs. Rowability events will have the results recorded.

2. Current Ranking Index

- 2.1. The Current Ranking Index (CRI) calculation point for a competition is at midnight 8 days before official close of entries. eg if the entries close at 13:00 on Sunday 15th then the CRI is as at 00:01 on Saturday 7th.
- 2.2. RPs have a weighting as follows as the calculation point for a competition:
 - 2.2.1. events 0-12 months (year 0) 100%
 - 2.2.2. events 12-24 months (year 1) 66%
 - 2.2.3. events 24-36 months (year 2) 33%
 - 2.2.4. events 36-48 months (year 3) 15%
 - 2.2.5. events 48-60 months (year 4) 5%
 - 2.2.6. events 60+ months (year 5+) 1 Ranking Point
- 2.3. If more than one event is entered on a day (multiple entries) then only the highest RPs gained in a discipline count.
- 2.4. The Ranking Index consists of the highest 8 event RPs (after 2.2 & 2.3 are applied).
- 2.5. If less than 8 events entered then a secondary Ranking Index is calculated as
(RP of events entered) + ((average of RPs entered) * (8-events entered))
- 2.6. Ranking points are integer numbers rounded up.
- 2.7. Ranking points are added to a competitor's record on the day after the final of an event has occurred, even if earlier rounds are on previous days,

3. Heads

- 3.1. Ranking Points gained are determined by the number of crews racing and complete the course and not the number entered in the event
- 3.2. Ranking Points are determined by the boat type and not the event entered (eg 1x, 2x/+/-, 4x-/x+/-, 8o/x+)
- 3.3. Ranking Points for multiple division Heads are either determined for a single division or exceptionally over the whole day where the head organisers request this of the National Competition Committee
- 3.4. For J16, J17, J18, Senior and Masters events, points are determined using boat types of J15 and above.

- 3.5. For J15 and below points are determined using boat types of J15 and below.
- 3.6. Time penalties are ignored for RP calculation purposes
- 3.7. Masters handicap times are ignored for RP calculation purposes
- 3.8. Crews who are Time Only gain RPs but are ineligible for medals or pennants.
- 3.9. Crews that are disqualified gain RPs but are ineligible for medals or pennants.
- 3.10. A ranking table (Table A) will be used to determine the number of Ranking points gained.
 - 3.10.1. If there are over 50 boats in a boat type, then the table will be used proportionally and rounded up (examples in Table B).
- 3.11. Pennants and Ranking Points are not linked. A Pennant is won by beating a group of crews, whereas Ranking Points are determined by the speed of the crew in a boat type.

4. GB Trials

- 4.1. The GB Senior and U23 Trials will be considered as a series of rounds
- 4.2. Subsequent rounds will have a base of 75% of the number of RPs gained by the winner
- 4.3. The position in Table A used for Lightweight Men, Women, and Lightweight Women will be calculated as

$$\frac{\text{Number of heavyweight men crews}}{\text{Number of crews in category}} \times \text{Actual Position}$$
- 4.4. Junior trials will be considered as its own series of rounds.
- 4.5. GB Selected crews have points equalized at end of final trial to the highest RP of rowing and sculling gained through the trials process.

5. Regattas

- 5.1. Every event in a regatta is treated separately.
- 5.2. A regatta can be made up of different styles of event
- 5.3. "Plate" events are calculated as starting from round 1
- 5.4. Events can be split by using the Ranking index into bands to reduce the number of crews in a series of races.
- 5.5. Bands are to be used for the following reasons:
 - 5.5.1. To allow crews of similar Ranking Index to race each other
 - 5.5.2. To limit the number of rounds a crew is expected to race in
- 5.6. Banding is determined after the entries have closed as it is dependent on the number of crews entered.
- 5.7. Bands do not need to have a similar number of crews in them

6. Regattas - Knockout style

- 6.1. Ranking points are determined by event raced
- 6.2. Ranking points gained are determined by the number of rounds achieved and number of crews effectively beaten
- 6.3. First round losers (or losers of a bye) gain no points
- 6.4. Losers of subsequent rounds are given equal placing
- 6.5. Winners of a round by disqualification, not rowed out/did not finish (ie a fault/capsize/ incompetence prevents the other crew from completing the course), opposition not starting/scratching do not gain any more points for winning the round.
- 6.6. The number of crews beaten is calculated at results time, when disqualifications, NRO/DNF/DNS, scratching are ignored. It is based on the crews racing rather than entering.

- 6.7. The lower of the points gained from round wins or number of crews raced is used. (ie if there are 3 rounds and a crew wins, then the rounds points are 7 (1st round win = 1pt, 2nd round win = 3pt, 3rd round win = 7pt) but there are only 6 crews in the event, then the winner will get 5pts from the ranking table)
- 6.8. Crews NRO/DNF/DNS, scratching after they have raced a round, will gain the points accrued. (ie if a crew scratches from round two after winning round 1, then they gain 1 point)
- 6.9. Where multiple crews are eliminated but cannot be placed (eg 3 losers in 2 heats, or 3 lanes racing and 2 eliminated) then they are given equal lower positions.

7. Regattas - League or Position calculating style

- 7.1. Ranking points are determined by the position allocated at the end of the event.
- 7.2. The ranking table is used to determine the number of points
- 7.3. Where crews are placed equal, then the lower placing is used (ie if 3 crews are placed 3rd, then the points for 5 are used)
- 7.4. Crews eliminated by disqualification, not rowed out/ not finishing shall still be given a position.
- 7.5. The number of crews beaten is calculated at results time, when disqualifications, NRO/DNF/DNS, scratching are ignored. It is based on the crews racing rather than entering.

8. Regattas - Multilane style

- 8.1. Ranking points are determined by event raced
- 8.2. The Ranking Table will be used
- 8.3. Ranking points gained are determined by the number of crews effectively beaten
- 8.4. First round losers (or losers of a bye or repêchage) gain no points
- 8.5. Losers of subsequent rounds are given equal placing
- 8.6. If only 1 crew completes the course due to other crews failing due to disqualification, not rowed out/Did Not Finish then they do not gain any more points for winning the round
- 8.7. Where positions are calculated then these positions are used in Table A.

9. Regattas - Events split into Bands

- 9.1. The rounds will be offset by 50% of the number of effective rounds in the previous band. (ie that number of rounds would have been deemed to be have been completed once a crew wins the first round of their band)
- 9.2. An event that has been split up into bands at close of entries has the band increments calculated at results time.
- 9.3. A minimum of 1 round offset will be applied (ie if the previous round is a straight final, then there will still be a 1 round offset)
- 9.4. The number of crews in the event will be offset by 50% of the effective number of crews in the previous band (ie if the band below had 20 crews, then 10 crews are added to the band for calculating the number of crews in the event)
- 9.5. A minimum of 2 crews will be applied

10. Substitutions

- 10.1. The rules for how much of a crew, and when, can be substituted are defined in the rules of racing
- 10.2. Substitutions will not change RI of crew.
- 10.3. Maximum increase in RI for a crew is 25%
- 10.4. In Banded events the maximum Ranking Index for a crew is 125% of the crew with the largest ranking in the band.

11. Coxes

- 11.1. Coxes will gain the same ranking points as the other competitors in the crew.
- 11.2. Cox RPs will not be included in the crew RI
- 11.3. RPs received as a cox do not count towards rowing or sculling RI
- 11.4. Ranking points received as a rower or sculler do not count towards coxing RI

Ranking Point Table A

Heads and Regattas with overall positions (By Ranking Points)

RP Gained	Number of crews in event			
	2	10	25	50
145				1
140				2
135				3
130				4
125				5
120				6
115				7
110				8
105				9
100				10
96				11
92				12
88				13
84				14
80				15
76				16
72				17
68				18
64				19
60				20
57				21
54				22
51				23
48				24
45				25
42			1	26
39			2	27
36			3	28
33			4	29
30			5	30
28			6	31
26			7	32
24			8	33
22			9	34
20			10	35
18			11	36
16			12	37
14			13	38
12			14	39
10			15	40
9		1	16	41
8		2	17	42
7		3	18	43
6		4	19	44
5		5	20	45
4		6	21	46
3		7	22	47
2		8	23	48
1	1	9	24	49
0	2	10	25	50

Ranking Point Table B

Heads and Regattas with overall positions (by Position)

Posn	2	10	50	150	250	400
1	1	9	145	145	145	145
2	0	8	140	143	144	144
3		7	135	141	143	143
4		6	130	140	142	143
5		5	125	138	141	142
6		4	120	136	140	141
7		3	115	135	139	141
8		2	110	133	138	140
9		1	105	131	137	140
10		0	100	130	136	139
11			96	128	135	138
12			92	126	134	138
13			88	125	133	137
14			84	123	132	136
15			80	121	131	136
16			76	120	130	135
17			72	118	129	135
18			68	116	128	134
19			64	115	127	133
20			60	113	126	133
21			57	111	125	132
22			54	110	123	131
23			51	108	123	131
24			48	106	122	130
25			45	105	121	130
26			42	103	120	129
27			39	101	118	128
28			36	100	118	128
29			33	98	117	127
30-39			30 – 12	97 – 85	116 - 107	126 – 21
40-49			10 – 1	84 – 72	106 - 97	120 – 115
50-59			0	70 – 59	96 - 89	114 – 108
60-69				58 – 49	88 - 81	108 – 102
70-79				48 – 39	80 - 73	101 – 97
80-89				38 – 29	72 - 65	96 – 92
90-99				28 – 22	64 - 58	91 – 87
100-124				22 – 7	57 - 43	86 – 74
125-149				7 – 0	42 - 28	74 – 62
150-199				0	28 - 9	61 – 42
200-249					9- 0	42 – 26
250-299					0	25 – 13
300-349						13 – 5
350-399						5 – 0
400						0

Ranking Point Table C

Knockout Style Regattas with all 1st round races full

Position	RPs	2 Crews	4 Crews	8 Crews	16 Crews	32 Crews
5 th Round Winner	64					Final
4 th Round Winner	22				Final	Semi-Final
3 rd Round Winner	7			Final	Semi-Final	1/4 Final
2 nd Round Winner	3		Final	Semi-Final	1/4 Final	2 nd Round
1 st Round Winner	1	Final	1 st Round	1 st Round	1 st Round	1 st Round
1 st Round Loser	0	Final	1 st Round	1 st Round	1 st Round	1 st Round

Knockout Style Regattas with some byes

Position	3 Crews	RPs	7 Crews	RPs	24 Crews	RPs
5 th Round Winner					Final	42
4 th Round Winner					Semi-Final	22
3 rd Round Winner			Final	7	1/4 Final	7
2 nd Round Winner	Final	2	Semi-Final	3	2 nd Round	3
1 st Round Winner	1 st Round	1	1 st Round	1	1 st Round	1
1 st Round Loser	1 st Round	0	1 st Round	0	1 st Round	0