

BISFed World Ranking System (December 2013)

1. Introduction

BISFed has recently announced a revised Competition System which includes a greater range of Boccia Competitions which are eligible for World Ranking points than in the previous Quadrennial. As a result, there are more competitive opportunities for athletes and a revised World Ranking system is necessary. This document sets out the methodology for establishing World Ranking positions, and follows as far as possible the principles of the previous system inherited from CPISRA. During a period of consultation with BISFed members, a number of constructive comments were made. Those of particular significance include:

a) The International Paralympic Committee has requested that all international federations, including BISFed, use a qualification period for the Rio 2016 Paralympic Games that starts on the 1st January 2014. This means any results achieved in 2013 or before must cease to be eligible before the ranking list to determine qualification for Rio 2016 is finalised.

b) To establish a fair initial world ranking list, previous results achieved at the 2011 World Cup and 2012 Paralympics will be used. As these results occurred in the past and have already been awarded points, it is fair that those points are not re-calculated. Equally, these events would not necessarily meet the fixed entry point lists outlined below and therefore their initial points are more suitable for the world ranking list

c) The Competition Committee studied a variety of systems before deciding to adapt the previous CPISRA system for this quadrennial. Upon investigation, more sophisticated ranking systems use the result of a single match to determine the impact on the world ranking of the sides involved in the match. However, the formula to establish a system such as this requires significant research and analysis. The Committee will continue to study and investigate alternative systems which could be implemented from 2017 onwards.

d) The ranking point allocations for specific events have been designed to limit any regional differences. In particular, the Continental Cups and World Opens are capped at a maximum of 11 ranking points for 1st place once the event includes seven (7) participants or more. For this tier, BISFed will respect the fact that the Para-Asian Games & Para Pan-American Games have pre-determined entry quotas. Therefore, comparable entry quotas have been set for the other remaining Continental Cups and ranking points aligned with this.

2. Ranking Coefficient

Each Event Tier will have an initial ranking coefficient to reflect the importance of the event (see Table 1). The ranking coefficient will be multiplied by any points earned at a competition to generate a world ranking score.

Table 1 – Event Co-efficient Values for 2013 – 2016 Quadrennial

Event Tier	World	Regional Qualification	Open & Regional
Co-efficient	2	1.5	1
Events	Paralympics	Regional Championships	Open Events
	World Championships	Regional Qualifier	Continental Cups

3. Period of Eligibility

The *period of eligibility* for an event will be of two years (see Table 2). The one exception to this principle in this quadrennial is the 2011 World Cup which will remain eligible until the close of the 2014 World Championships. An event will hold its initial co-efficient for the 1st year. If, after the 1st year, an event's co-efficient is greater than 1, the co-efficient will be reduced by 0.5. When comparable Regional events take place at different times during the quadrennial, the results for all these events will be used to update the Ranking List at the conclusion of the final event (e.g. the results from the three 2013 Regional Championships would be added on conclusion of the Asia/Oceania Championships which was the final event in 2013.) After each sanctioned event the Technical Delegate will return the results and score sheets to BISFed within 14 days. The world ranking system will be updated on the last day of each month with any relevant results.

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Table 2 – Period of Eligibility and Change in Co-Efficient Value

Year	Event Details			Entry Point		1st Decay		2nd Decay		Removal
	Event	Type	Location	Date	Value	Date	Value	Date	Value	Date
2011	World Cup		Belfast, UK	31/08/2011	2.0	31/08/2012	1.5	30/09/2013	1.0	30/09/2014
2012	Paralympics		London, UK	30/09/2012	2.0	30/09/2013	1.5			30/09/2014
2013	Regional Championships	European Championships	Guimaraes, POR	31/10/2013	1.5	31/10/2014	1.0			31/10/2015
		Americas Championships	Gardner, USA							
		Asia & Oceania Championships	Sydney, AUS							
2014	World Championships		Beijing, CHN	30/09/2014	2.0	30/09/2015	1.5			30/09/2016
	Open Events	Europe 1	TBC	TBC	1.0					2016
		Asia & Oceania 1	TBC	TBC						2016
		America & Africa 1	TBC	TBC						2016
2015	Continental Cup	Para-Asian Games	Incheon, KOR	TBC	1.0					2017
		Combined Continental Cup	TBC							
		Europa Cup	TBC							
		Para Pan-American Games	Toronto, CAN							
	Regional Qualifiers	European Qualifier	TBC	TBC	1.5		1.0			2017
		Asia & Oceania Qualifier	TBC							
		America & Africa Qualifier	TBC							
Open Events	Europe 2	TBC	TBC	1.0					2017	
	Asia & Oceania 2	TBC	TBC							
	America & Africa 2	TBC	TBC							
2016	Individual World Championships		TBC	TBC	2.0		1.5			2018
	Paralympics		Rio de Janeiro, BRA	30/09/2016	2.0	30/09/2017	1.5			30/09/2018
	Open Events		TBC - subject to interest	TBC	TBC	1.0				

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4. Ranking Qualification Deadline

During the current Quadrennial, we understand that Host Organising Committees will need to establish entry timelines for events, and member nations will need to implement selection policies for their athletes. Therefore for some events within the Quadrennial like the Paralympic Games, World Championships and Continental Cup there will be specific qualification periods. A qualification deadline will be set in advance of an event, at which point the ranking list will be captured and applied to the qualification criteria to determine the invitations for an event. Any results achieved after this deadline will still be applied to the world ranking list but will not be valid for qualification. The qualification deadline will be a minimum of 90 days prior to the competition taking place. Based on the current competition system, the following deadlines have been set:

Table 3 – Qualification Deadlines for 2013 – 2016 Quadrennial

EVENT	DEADLINE
2014 World Championships	31 December 2013
2015 Regional Qualifier	30 April 2015 <i>(or 90 days prior)</i>
2016 Individual World Championships	31 December 2015
2016 Paralympics	30 April 2016

Seeding for each competition will be taken from the World Ranking List produced a minimum of 30 days prior to the event. This will allow any results achieved after qualification to influence the seeding positions of an individual, team or pair. The only exceptions to this will be the 2014 World Championships and 2016 Paralympics. For the 2014 World Championships, the qualification and seeding will be determined by the initial Ranking List which will be published at the start of 2014. Equally, for the Paralympics, the deadline for qualification (30 April 2016) will also be the point at which seeding for the event will be determined.

5. Ranking Point Calculation

There are a number of principles that will be applied in calculating the world ranking lists:

- 5.1 An athlete's or member nation's ranking will be calculated by multiplying the ranking points in a competition by the event's coefficient. As each event's coefficient decays over time, the ranking points will be re-calculated at the end of each calendar month.
- 5.2 All BISFed sanctioned event results can contribute to a World Ranking, subject to the results from that event being eligible according to the schedule above. An athlete or member nation's world ranking will be calculated from a maximum of four events. If an athlete or member nation has more than four eligible results, their best four results will be selected. The total number of world ranking points is calculated by adding each athlete / member nation's applicable results together.
- 5.3 In the case of a tie between two athletes or nations on the world ranking list, the tie will be broken using the following procedure:
 - a) The athlete or nation with the higher number of ranking points obtained in the most recent World or Regional tier event will be the higher in the World Ranking list;
 - b) If the tie remains, the higher ranking will be awarded to the athlete or nation who has competed in a lower number of ranking events, including the open events;
 - c) If the tie still remains, the athlete or nation who had the higher ranking on the previous World Ranking list will retain the higher ranking position.

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6. Ranking Point Allocation

Ranking points available will be allocated according to the event's Tier and the number of competitors. The point allocations are based broadly on the previous World Ranking system, with minor alternations to ensure that the system fits the expanded Competition System. These allocations will apply to any event held after 1st January 2013. In order to establish a starting World Ranking list in January 2014, results from the previous quadrennial (2009 to 2012) will be used and their pre-existing point allocations will be retained until they are removed (see period of eligibility, above.)

6.1. World Event Tier

Table 4 displays the ranking point allocations that will apply to the Paralympic Games and World Championships and is applied to both Individual and Team/Pair events. In order to recognise performance achieved at a World level, there will be a 1 point boost in comparison to all other competitions (e.g. 12 points for 1st place at World level and 11 points for 1st place in other competitions. For the Paralympic Games and World Events, the number of entrants is pre-determined and is shown below. There is also a relative reward for reaching a knockout round (i.e. Quarter-Final; Round of 16.)

Table 4 – World Event Tier Ranking Point Allocations

Position	No. of Entrants	Position	No. of Entrants	Position	No. of Entrants	Position	No. of Entrants
	8		12 and 16		24		32 and 48
1 st	12	1 st	14	1 st	16	1 st	16
2 nd	10	2 nd	12	2 nd	14	2 nd	14
3 rd	8	3 rd	10	3 rd	12	3 rd	12
4 th	6	4 th	8	4 th	10	4 th	10
Upper 1/3	4	5 th	6	5 th	8	5 th	8
Middle 1/3	3	6 th	6	6 th	8	6 th	8
Lower 1/3	2	7 th	6	7 th	8	7 th	8
		8 th	6	8 th	8	8 th	8
		Upper 1/3	4	Upper 1/3	6	9 th to 12 th	6
		Middle 1/3	3	Middle 1/3	4	13 th to 16 th	6
		Lower 1/3	2	Lower 1/3	2	Upper 1/3	4
						Middle 1/3	3
						Lower 1/3	2

6.2. Regional Qualification Event Tier

For the Regional Qualification Tier, the ranking points available will be different for Team/Pair and Individual events. Table 5 below demonstrates the point allocations for the Team/Pair events. There are three ranges where point allocation will progress up to a maximum point allocation. An event with between three (3) and seven (7) entrants will be based on the progressive table, until 11 points are awarded. From eight (8) entrants up to thirteen (13) entrants a fixed model will be used awarding 11 points to the winner. Finally, the maximum point allocation that can be awarded to an event in this tier is 13 points. Based on an expectation that between 5 and 8 nations will compete in the Regional Qualifier events in 2015, it is likely that the ranking points awarded to the winner will be between 9 and 11 points. This allocation is designed so as not to significantly advantage / disadvantage any particular region. Table 6 displays a similar distribution for the individual events that will take place in this event tier.

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Table 5 – Regional Qualification Tier Ranking Point Allocation (Team & Pair)

Position	No. of Entrants					Position	No. of Entrants		Position	No. of Entrants
	3	4	5	6	7		8 to 10	11 to 13		
1 st	5	7	9	9	11	1 st	11	12	1 st	13
2 nd	3	5	7	7	9	2 nd	9	10	2 nd	11
3 rd	1	3	5	5	7	3 rd	7	8	3 rd	9
4 th		1	3	3	5	4 th	5	6	4 th	7
5 th			1	2	3	Upper 1/3	3	4	5 th -8 th	5
6 th				1	2	Middle 1/3	2	2	Upper 1/3	3
7 th					1	Lower 1/3	1	1	Middle 1/3	2
									Lower 1/3	1

Table 6 – Regional Qualification Tier Ranking Point Allocations (Individual)

Position	No. of Entrants		Position	No. of Entrants		Position	No. of Entrants	Position	No. of Entrants
	6	7		8 to 10	11 to 13				
1 st	9	11	1 st	11	12	1 st	13	1 st	15
2 nd	7	9	2 nd	9	10	2 nd	11	2 nd	13
3 rd	5	7	3 rd	7	8	3 rd	9	3 rd	11
4 th	3	5	4 th	5	6	4 th	7	4 th	9
5 th	2	3	Upper 1/3	3	4	5 th – 8 th	5	5 th – 8 th	7
6 th	1	2	Middle 1/3	2	2	Upper 1/3	3	9 th to 16 th	5
7 th		1	Lower 1/3	1	1	Middle 1/3	2	Upper 1/3	3
						Lower 1/3	1	Middle 1/3	2
								Lower 1/3	1

5.3. Open & Continental Cup Event Tier

The following ranking point allocations will apply for events in the Open & Continental Cup events for both Individual and Team/Pair events as displayed in Table 7. The maximum point score for an Open Event will be 11 points and there will be a reward for athletes or nations that reach the Semi-Finals. Only a nation's top three athletes in an Open event will be eligible for ranking points; any additional athletes entered will receive 0 points.

Table 7 – Open & Continental Cup Ranking Point Allocations

Position	No. of Entrants					Position	No. of Entrants
	3	4	5	6	7		
1 st	5	7	7	9	11	1 st	11
2 nd	3	5	5	7	9	2 nd	9
3 rd	1	3	3	5	7	3 rd	7
4 th		1	2	3	5	4 th	5
5 th			1	2	3	Upper 1/3	3
6 th				1	2	Middle 1/3	2
7 th					1	Lower 1/3	1