

## ON IMPS CALCULATION

### IMPs

"Imps" in Game settings means that comparisons are performed as follows:

- Own result minus competing result -> imps according to the imp scale
- One side wins what the other loses (zero sum game)

### Percentage

Percentages are calculated as follows:

Highest imp sum (positive) = 100%

Lowest imp sum (negative) = 0%

To calculate the other imp sums ("in between") :

- the lowest imp sum is added to all other imp sums
- the current result is related to the max imp sum.

Example: Highest imp sum= 2860; Lowest imp sum = -2140

Imp sum	+ lowest result	= modified imp sum	current/ max
2860	+2140	5000	5000/5000=100%
2650	+2140	4790	4790/5000=96%
2600	+2140	4740	4740/5000=95%
2300	+2140	4440	4440/5000=89%
.	.	.	
.	.	.	
.	.	.	
-1980	+2140	160	160/5000=3%
-2140	+2140	0	0/5000=0%