



Cullaun Sailing Club Kilkishen Co. Clare

www.cullaunsailingclub.com

Club Handicap

The club handicap is designed to take differences in boat class and helm skills into account when racing in club monthly leagues (May, June, July and August). It differs from the Portsmouth Yardstick handicap which is based on boats class only and does not consider the experience/skill level of the helm/crew. Using the club handicap every boat/helm has equal chance of winning.

Broadly speaking, the handicap system compares the race times of the finishing boats to the average finishing time of the top 2/3 of the fleet. The resulting handicap adjustment is based on the difference between a boats finishing time and the average of the top 2/3 of the fleet in each race.

Calculation method

1. Record the elapsed Time (seconds) E.
2. Calculate Corrected Time $(E/Hcap)*1000 = CT$
3. Write Race finish places
4. Identify top 2/3 of the fleet. (from the no. of finishers)
5. Calculate arithmetic mean of CT times = C
6. Calculate theoretical Handicap $(E/C)*1000 = T$ see note 1:
7. Calculate new club handicap $Hcap - ((Hcap - T)/4)$ see note 2:

Note 1: The theoretical handicap is that handicap which would result in all boats finishing at the same corrected time, equal to the mean of the top 2/3 of the fleet.

Note 2: Division by 4 is used to adjust the Hcap by a quarter of the difference referred to in note 1.

Boundary Conditions

- (a) A handicap will be calculated and adjusted for each race.
- (b) A handicap may only change by a maximum of 20 per race.
- (c) A fleet of finishing boats below 4 will not be considered for handicap adjustment.
- (d) Boats that start but do not finish will hold their current handicap.
- (e) Skippers involved in race duties i.e. crash boat and OOD will hold their current handicap.
- (f) Ordinary absence from the fleet will not cause a handicap adjustment but an option could be taken to begin to reduce individual handicaps after prolonged absence from the fleet particularly if it is known that the skipper is sailing actively elsewhere.

Helm	Crew	Class	HC	Elapsed Time E			CT	Result	Theoretical HC (T)	(HC-T)/4	Actual change (Max +/-20)	New HCAP Hcap-(Hcap-t)/4
				Min	Sec	Sec total						
S O'Malley	Eilish Smith	E	1232	21	0	1260	1023	1st	890	86	20	1212
Tom Mchugh	Colm Ward	E	1148	20	10	1210	1054	2nd	855	73	20	1128
Brian park	Mike Logan	E	1148	20	28	1228	1070	3rd	867	70	20	1128
Ray Hughes	-	L	1082	19	51	1191	1101	4th	841	60	20	1062
Tommy Scott	Kevin Ryan	E	1264			DNF			(E/C)*1000			1264
Jim Sulliuvan	?	W	1101			DNF						1101

C= 1416

C =Average of top 2/3 finishing boats

**Hcap-
((Hcap-T)/4)**