



Hand Calculation Procedure for PHRF Ocean Races  
 Time on Distance

Date \_\_\_\_\_

Race Series / Day: \_\_\_\_\_ Course Number: \_\_\_\_\_ Start Time: \_\_\_\_\_

A boat's **handicap (H)** is a seconds-per-mile (Seconds/Mile) correction. Multiply the **distance (D)** of the race run times the boat's **handicap (H)** to get **time allowance (A)** in **seconds**. Subtract the boat's **time allowance (A)** from the boat's **elapsed race time (E)** to obtain the boat's **corrected time (C)**. Algebraically, the formulae are:

$$A = D \times H \text{ and } C = E - A$$

**Elapsed time** must be converted to **seconds** before subtracting the Allowance, which is expressed in seconds.

Boat / Skipper	Start Time	Finish Time	Elapsed Time $E = S - F$	Course Distance Nautical Miles <b>D</b>	Handicap <b>H</b>	Allowance $D \times H$ <b>A (seconds)</b>	Corrected Time $C = E - A$ <b>C</b>	Rank
	<b>S</b>	<b>F</b>	<b>E (seconds)</b>	<b>D</b>	<b>H</b>	<b>A (seconds)</b>	<b>C</b>	