

PHRF Combined Race Calculations (Time On Time and Time On Distance Methods)

**Instructions:**

Enter boat data in columns A-F, and cell G3 for "B" factor

Enter Race Distance in Cell G4

Do **nothing** with columns G-L (they will automatically compute)

Highlight boat data in columns A-L, rows 11 through last boat entry row

Select "Data", then "Sort", then "header row", then "ascending" then "Corrected", then OK

"A" Factor

"B" Factor

Distance

650

550

5.5

(May adjust so average boat CF is around 1.00)

(Use 480 for heavy wind, 550 for average, 600 for light)

(Actual course distance In nautical miles)

| Boat Name        | Boat | Captain    | PHRF | Start Time | Finish Time | Actual Time | TOT Correction Factor | TOT Corrected Time | TOD Corrected Time | Average Corrected Time |
|------------------|------|------------|------|------------|-------------|-------------|-----------------------|--------------------|--------------------|------------------------|
| <b>MONOHULL</b>  |      |            |      |            |             |             |                       |                    |                    |                        |
| NO NAME          |      | Glaser     | 223  | 13:20:00   | 14:42:32    | 1:22:32     | 0.84                  | 1:09:24            | 1:02:06            | 1:05:45                |
| STARGAZER        |      | Kaplin     | 172  | 13:20:00   | 14:38:36    | 1:18:36     | 0.90                  | 1:10:46            | 1:02:50            | 1:06:48                |
| PAPER MOON       |      | Rodel      | 181  | 13:20:00   | 14:43:27    | 1:23:27     | 0.89                  | 1:14:12            | 1:06:51            | 1:10:32                |
| LADY IN RED      |      | Michaux    | 176  | 13:20:00   | 14:43:59    | 1:23:59     | 0.90                  | 1:15:12            | 1:07:51            | 1:11:31                |
| FINE ALEE        |      | Perry      | 250  | 13:20:00   | 15:00:53    | 1:40:53     | 0.81                  | 1:21:58            | 1:17:58            | 1:19:58                |
| VENTOLERA        |      | Massicotte | 221  | 13:20:00   | 15:27:58    | 2:07:58     | 0.84                  | 1:47:53            | 1:47:42            | 1:47:48                |
| AIRBORNE         |      | Polk       |      | 13:20:00   | 15:17:47    | 1:57:47     | 1.18                  | 2:19:12            | 1:57:47            | 2:08:29                |
| <b>MULTIHULL</b> |      |            |      |            |             |             |                       |                    |                    |                        |
| COOL BREEZE      |      | Wallace    | 60   | 13:15:00   | 14:35:10    | 1:20:10     | 1.07                  | 1:25:25            | 1:14:40            | 1:20:03                |
| FRAYED KNOT      |      | Linguist   | 180  | 13:15:00   | 14:46:56    | 1:31:56     | 0.89                  | 1:21:52            | 1:15:26            | 1:18:39                |
| TRI ME           |      | Martin     | 110  | 13:15:00   | 14:41:07    | 1:26:07     | 0.98                  | 1:24:49            | 1:16:02            | 1:20:25                |