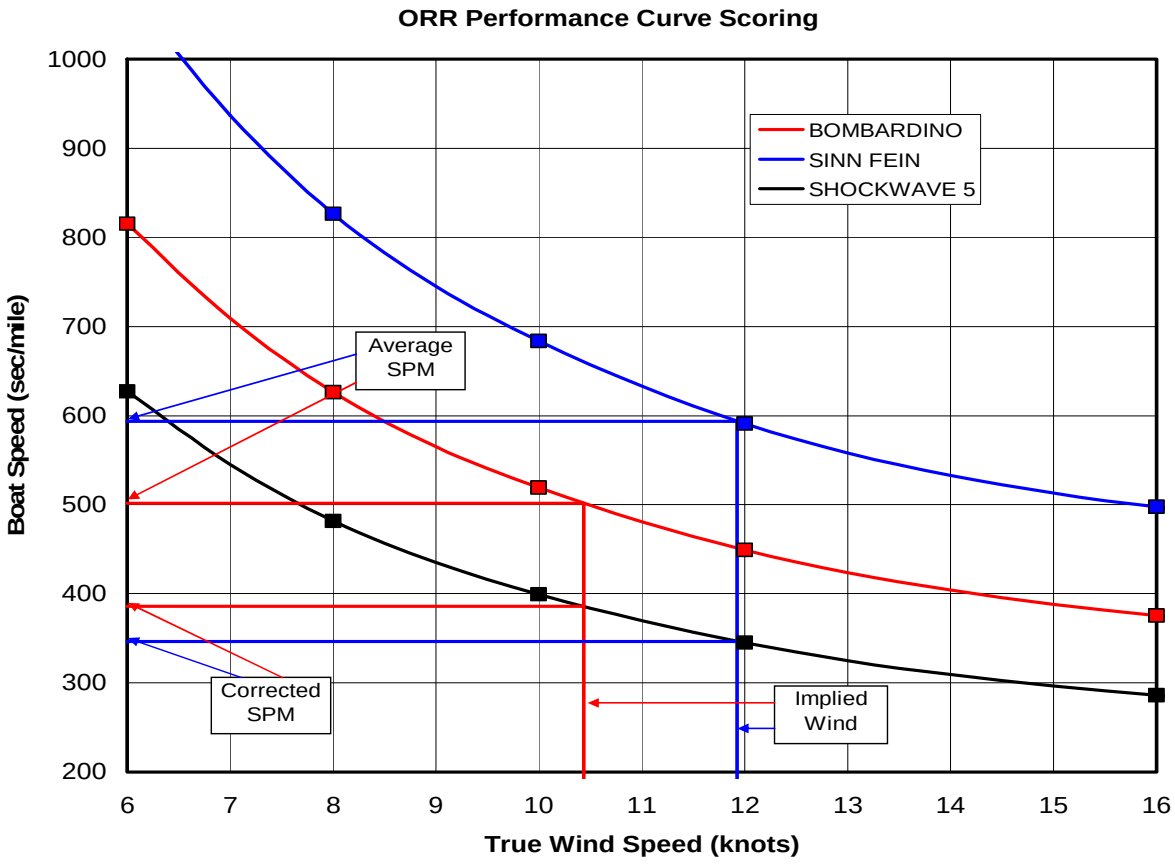
# PERFORMANCE CURVE SCORING (PCS) MADE EASY

Table of ratings (think of a series of PHRF single number ratings, one for each wind speed):

| True Wind Speed | 6 | 8 | 10 | 12 | 16 | 20 | 24 |
|---|---|---|---|---|---|---|---|
| BOMBARDINO | 815.3 | 626.1 | 519 | 448.9 | 375.5 | 338.1 | 311.7 |
| SINN FEIN | 1078.4 | 826.5 | 683.7 | 591 | 497.6 | 455.1 | 428.4 |
| SHOCKWAVE 5 | 627.2 | 481.6 | 399.4 | 344.8 | 286 | 253.8 | 231.5 |

The selection of wind speed is AUTOMATIC, the scoring program interpolates through the above table based on how fast you sailed the course. If BOMBARDINO averaged 448.9 sec/mile over the course, the scoring program would assume 12 knots of wind. At 500 sec/mile, the wind would be somewhere between 10 and 12. This may not be the same as the average wind she observed, but is the wind it looks like she had based on her performance.

The following graph of the ratings table shows how PCS computes corrected time:

- Plot your average sec/mile (SPM on the boat speed scale.
- Run across to your performance curve
- Drop down to the wind speed axis to see what kind of wind it looks like you had (wind implied by your net performance.)
- All handicap systems correct elapsed time to that of a target scratch boat. So, to get your corrected time, go back up to the scratch boat curve (SHOCKWAVE 5) and go across to the sec/mile scale, multiply that number by 635 (number of miles) and convert that to hours (divide by 3600.) That is your corrected time.