



## Notice to Competitors 3

### Vic-Maui Wind Matrix and Distance

**May 21, 2018**

The Vic-Maui Wind Matrix used to construct the course conditions for Vic-Maui was updated in 2016.

The daily wind observations for six Vic-Maui races (2004-2014) were compiled and analyzed. The resulting wind information has been blended using a 50/50 weighting with the previous Vic-Maui Wind Matrix which was derived from the North Pacific Ocean July Pilot Chart produced by the U.S. Government. The updated Vic-Maui Wind Matrix indicates a little more reaching, a little less running and more wind at the light and heavy ends of the matrix.

In accordance with Notice of Race, time allowances will be calculated from the ORC velocity prediction program, the Vic-Maui Weather Matrix, and a course length of 2,308 nautical miles. This will result in a single time allowance for each boat for use in the Vic-Maui race.

### Vic-Maui Wind Matrix

True Wind Angle	True Wind Speed (knots)							subtotals
	6	8	10	12	14	16	20	
<b>BEAT</b>	1.6%	1.2%	0.9%	0.4%	0.3%	0.1%	0.1%	4.6%
<b>60</b>	1.1%	0.6%	0.6%	0.7%	0.3%	0.1%	0.4%	3.8%
<b>90</b>	1.2%	2.1%	2.3%	1.1%	0.9%	0.1%	0.7%	8.4%
<b>110</b>	1.0%	1.2%	1.6%	1.9%	1.5%	1.1%	2.2%	10.5%
<b>120</b>	0.4%	0.7%	1.4%	2.7%	1.8%	0.8%	1.2%	9.0%
<b>135</b>	0.2%	0.8%	0.7%	0.7%	0.7%	0.5%	2.0%	5.6%
<b>150</b>	1.6%	3.9%	5.1%	5.1%	4.2%	3.6%	6.1%	29.6%
<b>RUN</b>	0.3%	1.5%	3.9%	4.0%	6.3%	6.0%	6.5%	28.5%
<b>subtotals</b>	7.4%	12.0%	16.5%	16.6%	16.0%	12.3%	19.2%	100.0%



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