
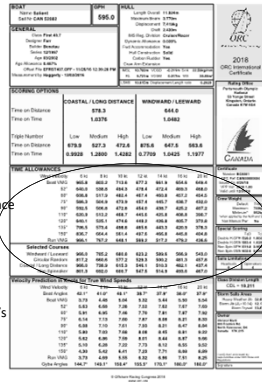


Why ORC?

- THIS IS NOT PHRF**
 - PHRF methodology does not work for ocean races
 - IRC has limitations
- ORC is math based, World Sailing supported, allows custom courses**
 - Results not subject to local adjustments
 - Used by major European races, Local fleet, Sydney-Hobart
- Time allowances are based on proprietary Velocity Prediction Program and expected weather**
- Cruising Division has the option of ORC Cert or estimate by Measurer**
- Apply on-line to ORC for ORC Club certificate**
 - Enter your data onto www.orc.org. Receive "Test" Certificate and submit to Vic-Maui
 - Most hull forms in ORC database or available from Builder
 - Any measurement data submitted and Final Certificate issued after payment
- Submit Final Certificate to Vic-Maui by June 1, 2020**

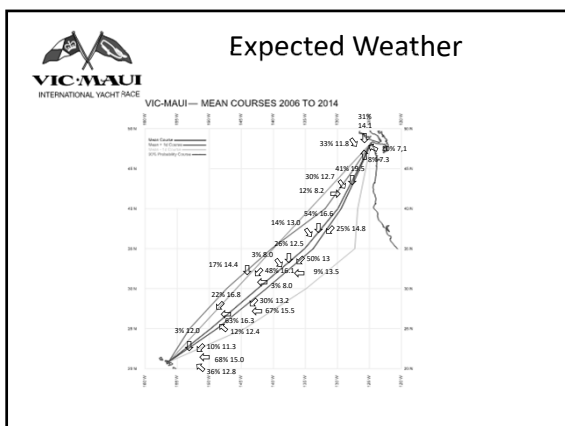



Not Used for Vic-Maui



Input to Time Allowance Calculation

These are your boat's speed target Polars





Wind Matrix

VMG	True Wind Angle						
	6	8	10	12	14	16	20
BEAT	1.6%	1.2%	0.9%	0.4%	0.3%	0.1%	0.1%
60	1.1%	0.6%	0.6%	0.7%	0.3%	0.1%	0.4%
90	1.2%	2.1%	2.3%	1.1%	0.9%	0.1%	0.7%
110	1.0%	1.2%	1.6%	1.9%	1.5%	1.1%	2.2%
120	0.4%	0.7%	1.4%	2.7%	3.8%	0.8%	1.2%
135	0.2%	0.8%	0.7%	0.7%	0.7%	0.5%	2.0%
150	1.6%	3.9%	5.1%	5.1%	4.2%	3.6%	6.1%
RUN	0.3%	1.5%	3.9%	4.0%	6.3%	6.0%	6.5%

VMG	True Wind Angle						
	6	8	10	12	14	16	20
BEAT	15.5	9.6	6.4	2.7	2.0	0.7	0.6
60	6.7	3.1	2.9	3.3	1.4	0.5	1.8
90	7.1	10.6	10.9	5.0	3.9	0.4	2.9
110	6.2	6.1	7.5	8.5	6.4	4.5	8.6
120	2.6	3.7	6.6	12.1	7.7	3.2	4.5
135	1.4	4.6	3.5	3.3	3.1	2.1	7.6
150	13.4	25.9	28.6	25.4	19.6	16.0	24.7
RUN	2.9	11.5	25.3	22.8	32.6	28.8	28.4

Vic Maui Time Allowance 517.5



Time Allowance

- Time allowance is the sum of performance matrix cells
 - Good for Vic-Maui only
- Expressed as seconds to sail 1 mile averaged over historical wind over the course
- Time on Distance allows boats to monitor performance and corrected time to leader
 - Correction is simply Handicap x 2308 n.miles
- Handicap = Your T.A. – T.A. of scratch boat
 - Just like PHRF