

Kerikeri Cruising Club handicapping

Apart from the PHRF and IRC handicapping options offered by Yachting New Zealand, the Kerikeri Cruising Club uses the following performance-based club handicap categories as a means to equate and maintain performances between boats of differing performance, design and size. The following handicapping types are used; each one exclusive to the series or race it has been assigned to:

Handicap Name	Applies to
General Handicap	Scotttronic Technologies Summer series Harcourts Winter series Willis Sails Poor Knights race Willis Sails Coastal Series
Rum	Craigs Investment Partners summer rum race series Fell Engineering winter rum race series
Short Handed	Blair Boats Two Handed series Blair B Single Handed race Blair Boats His and Hers race
Round the Islands	C Partridge Yachts Round the Islands race
Ladies	Blair Boats Ladies series

Where race results use these handicaps they may be updated after a race as follows:

Handicaps may change according to a yacht's performance in a race by generating a 'sailed to' time correction factor (TCF) that will be applied to give it a finish place equal to a fleet or division's 'reference boat'. This performance value is known as a yacht's 'sailed to' value. The 'reference boat' is a virtual yacht positioned within the fleet using the averages of all 'sailed to' values.

When racing a yacht will normally sail to within 3% of its race handicap. To avoid extreme performances that would otherwise cause sharp changes in new handicaps the new handicap formula will 'clamp' both very good and very poor performances at upper or lower control limits that will apply for that race. 'Sailed-to' values that fall within the control limits will not be altered.

Following a race, new handicaps will be calculated as:

The average of: a yacht's race handicap plus clamped or unclamped 'sailed to' values for a maximum of three previously sailed races.

Where a yacht sails better or worse than its 'handicap limit', initially set at 10%, its new handicap will remain as its next race's tcf.

A new boat to the fleet will be allocated a handicap by a member of the Keelboat Committee, taking into account the yacht's design, similarity to others in the fleet, and any other rating system or certificates that may apply. A brief watch will be kept for any performance irregularities in following races and manual adjustments may be made.

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