



## RYA YTC powered by the RORC Rating Office

### FAQ

#### Q. Where can I find more information of the YTC and how to use the system?

A. The RYA YTC (referred to as YTC) information is available on the website: <https://ytc.rorcrating.com>  
The Policies and Procedures document includes information about application, boat data, calculation of sail areas and how a YTC number is calculated.

#### Q. How do I calculate a corrected time using the YTC number?

A. To calculate a YTC corrected time the formula is as follows:  
Corrected Time = Elapsed Time \* 1000 / YTC

#### Q. How do I calculate sail areas

A. The formula for calculation of sail areas can be found in the YTC Policies and Procedures document on the website: <https://ytc.rorcrating.com>

#### Q. I have a boat that races with multiple headsails. Which one should I submit data for?

A. Like other rating systems YTC only requires data for the largest area headsail (jib or genoa) that you intend to race with. The same applies for spinnakers.

#### Q. How can I calculate displacement for my boat? Can I use my actual weight rather than production weight?

A. Please see the YTC Policy and Procedures 2.5. The boat weight and other hull data will be based on the RORC Rating Office standard hull data. If that is not available, then boat brochure data or other available data will be used. YTC is based on boat standard hull data to provide fairness across the system as hull measurement is not required or expected. To use a custom weight for a boat will add pressure to other owners to weigh their boat. This is not the aim of the YTC system which is simplicity and participation.

#### Q. What is a YTC performance factor?

A. Some boats (e.g. light displacement boats, gaff-rigged boats and others) will be allocated a YTC number using the formulae and other pertinent data as necessary at the sole discretion of the RORC Rating Office or YTC Main Committee. Other sources of data include IRC ratings and polar velocity data may be used. The RORC Rating Office continue to examine the ratings and explore options for an evolution or sustainable alternative to this solution.

#### Q. What is a provisional YTC certificate?

A. When a boat pushes the boundaries of the validity of the YTC formula (e.g. high performance) our YTC technical team will issue a 'provisional' certificate. Provisional means your club can use this rating as a starting point and should adjust as necessary after observations of racing results.

#### Q. YTC doesn't work for my boat?!

A. We acknowledge that no rating system is perfect for all boats in all sailing conditions. The aim of YTC is to be a free, easy, entry level system for cruisers to enter club races. If YTC doesn't produce a rating you wish to use then IRC (<https://ircrating.org>), or another rating system, may be a better option for your boat. A club can also adjust an individual boats' YTC rating using empirical adjustments from races to create a personal handicap. Please see below.

**Q. Is there standard design data available for my boat?**

A. Currently you cannot enter a design in the application form and pre-fill standard hull data; however, the RORC Rating Office has a large database of boat designs and data that they can reference. Please ensure the design name you enter is complete to enable the team to cross-reference where possible. The ability to select standard hull data is part of the development for 2024.

**Q. Will YTC be used for large scale or premiere events?**

A. The YTC is aimed at those who may just be looking to start getting involved in racing or are only interested in doing a handful of races per year. YTC is a free, simple to use, rating system designed to promote racing of cruising yachts and cruiser racers at club level. The inclusion of a YTC class is very much up to race organisers and we hope to support as many events as possible to enable more people to get out on the water.

**Q. Does YTC accommodate multihulls?**

A. No. The YTC system is designed for monohulls and we recommend that multihulls use the MOCRA handicap system: <https://mocra-sailing.org.uk/racing/>

**Q. Can I look up other boats' ratings?**

A. Yes. There is a port list on the YTC website which allows race organisers and competitors to see other boats rating numbers, and search on various regional criteria including club name.

**Q. Can YTC be used as a base number and then use personal handicap system**

A. Yes. The YTC is a good base rating number for subsequent adjustments for crew skill factor. It is at the discretion of the club and its members whether to use a personal handicap system to adjust YTC ratings.

**Q. Does the RYA plan to stop supporting NHC**

A. The RYA will stop promoting NHC as we believe YTC is the future for clubs. It will still be available should clubs wish to continue to use it but there will be no development work done to the system.

**Q. How do we deal with visiting boats to our clubs?**

A. You should encourage entrants to apply for a YTC rating in good time so they can compete. The rating system is free to all and we actively encourage people to come racing. The boat's YTC rating can be used at any club once they have it.

**Q. What wording should I put into the Notice of Race at my club?**

A. You must invoke the RYA YTC system in the Notice of Race. For example:

“YTC A and B classes.

Boats in these classes will be handicapped using the YTC system. Boats that do not have a valid 2023 YTC certificate may apply for one on-line, using the procedure set out within the YTC website ([www.ytc.rorcrating.com](http://www.ytc.rorcrating.com)).

Confirmation of entry.

A copy of a boat's valid 2023 RYA YTC certificate shall be received before (*insert date*).

- (1) Boats racing under YTC shall declare by this time the YTC sail configuration with which they will compete.
- (2) No alteration in a boat's rating or handicap will be permitted after this date, except as a result of a protest or to correct IRC rating office or YTC rating errors.”

Website: <https://ytc.rorcrating.com>

Rating enquiries: [ytc@rorcrating.com](mailto:ytc@rorcrating.com)

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