



TopYacht Structures and Jargon.

TopYacht stores data in a **Relational Database**.

We store (amongst other things)

- Boat – with name, sail number and ‘class’ (see below)
- Member (read “sailor”) - with first_name, last_name.
- **Competitor** - this is the joining of a boat with a member.

Initially the competitors are stored in a “**Master List**”.

From there they can be added (copied) to one or more “**Series**”.

Each **Series** must contain one or more “**results groups**” [shortened to “**Group**” hereafter].
Ultimately, the **Group** winner receives the prize.

Each **Group** represents one set of race results within this **Series**.

They may be for

- a one design class e.g. Etchells, or
- a specific handicap type
 - IRC
 - Club Handicap – juniors
 - AMS
 - PHS
 - PHRF
 - IRC

Each handicap group is supported by a potential additional qualifier being class (see below)

Class when used in TopYacht defines same-design boats; examples....

- Etchells
- 470
- O-Pen Bic

Equally, **Class** when used in TopYacht for Keelboat racing defines individual boats classified by their design or speed; usually by the Organising Authority’s handicapper.

Examples....

- Boats with an IRC rating in the range of (say) 1.00 to 1.500.
This “classification” may lump all these boats as “Div 1” or just “D1”.
- Boats with a lower rating than 1.000 may be lumped into “Div 2” (or just “D2”)
- And potentially there may also be “Div 3” (“D3”)
- A mixture of various designs of (OTB and Trailable) boats lumped together with a predetermined Yard Sticks (YS) or Class-based Handicaps (CBH)

Within TopYacht we also have specific meaning for the term '**Division**'.

In this instance, a **Division** is one (or more) **Classes** of boats that start together.

The **Division Number** is used to tie one (or more) **Classes** to a **Start** within TopYacht. Even though the **Division starts** as one, TopYacht is capable of extracting results per class.

Competitors are scored within a **Group** as either:

- an overall Fleet; or
- as separate Divisions (see below); or
- as different classes (see below).

Competitors are entered into the **Series** and into one or more **Groups** usually from Race 1.

Appendix 1

Data Structure Layout

