# Midland Sailing Club
Race Officer Tasks

- Turn power on at Club house

- Open up start box

- Remove shutters from windows.

- Observe wind direction & strength from balcony or dam wall

- Look in Course Guide book & select course or if confident create your own course.

- Select start line & identify 1st. Mark, preferably to windward.

- Fill out signing on sheet indicating the start line.

- Identify the mark rounding sequence of the course starting with the first mark.

- *You may draw the mark rounding sequence on the marks schematic* **but remember that the course shown on the front of the start box is the course to be sailed.**

Course Guide
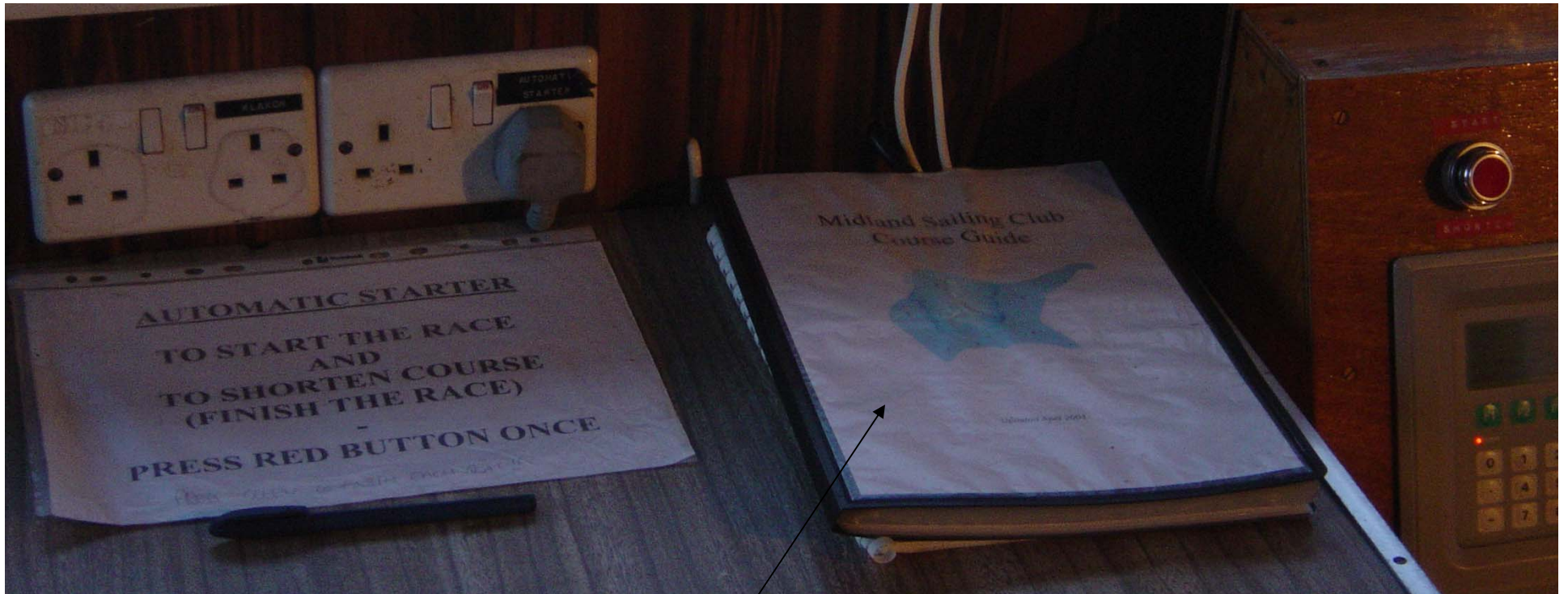
The MSC Course Guide book contains a page by page list of courses that are known to 'work' for any given wind direction, this is not intended to stop Race Officers setting their own courses but is intended to assist in the setting of good quality courses. The book should be located to the left of the starting system as shown.
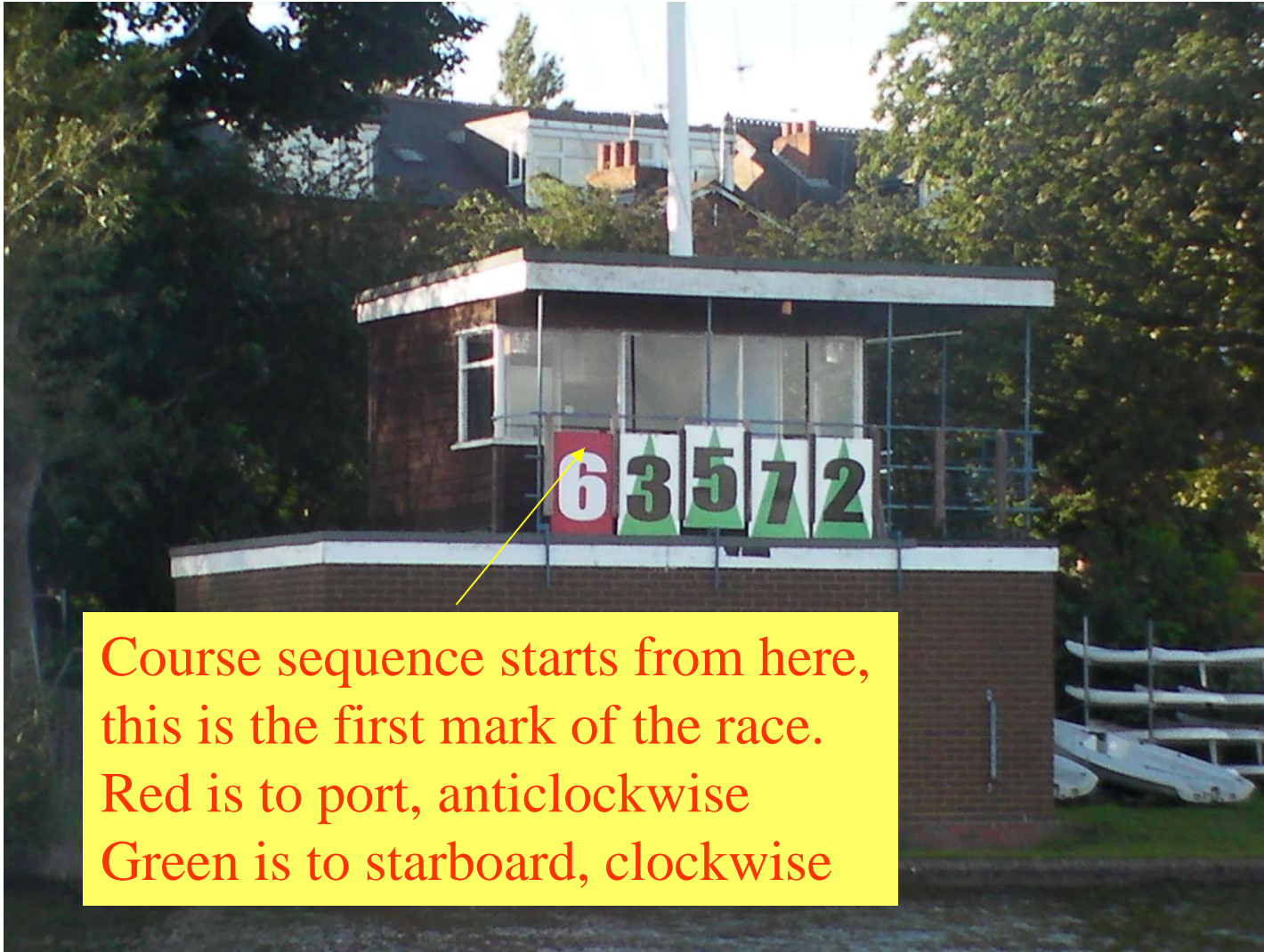
View wind direction & map out course
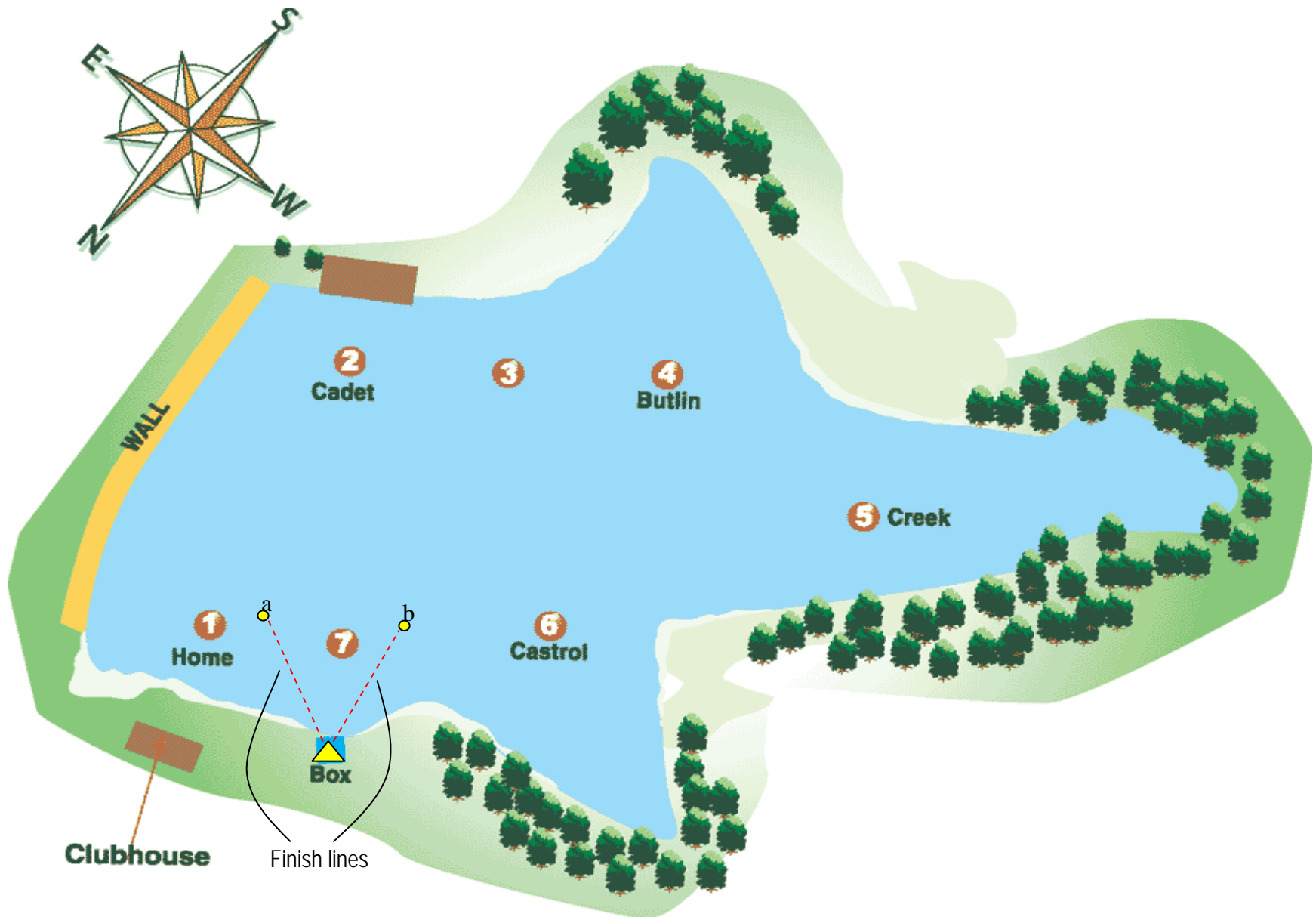
- Put the sign on sheet in the club foyer for sailors to use.10 minutes before start.
- Liaise with safety boat crew & let them know what the course is & where there may be a need for the safety boat e.g.. Gybe marks close to a lee shore if windy.
- Check that all is ready & then check that sailors are ready (common courtesy) & indicate when you will be starting.
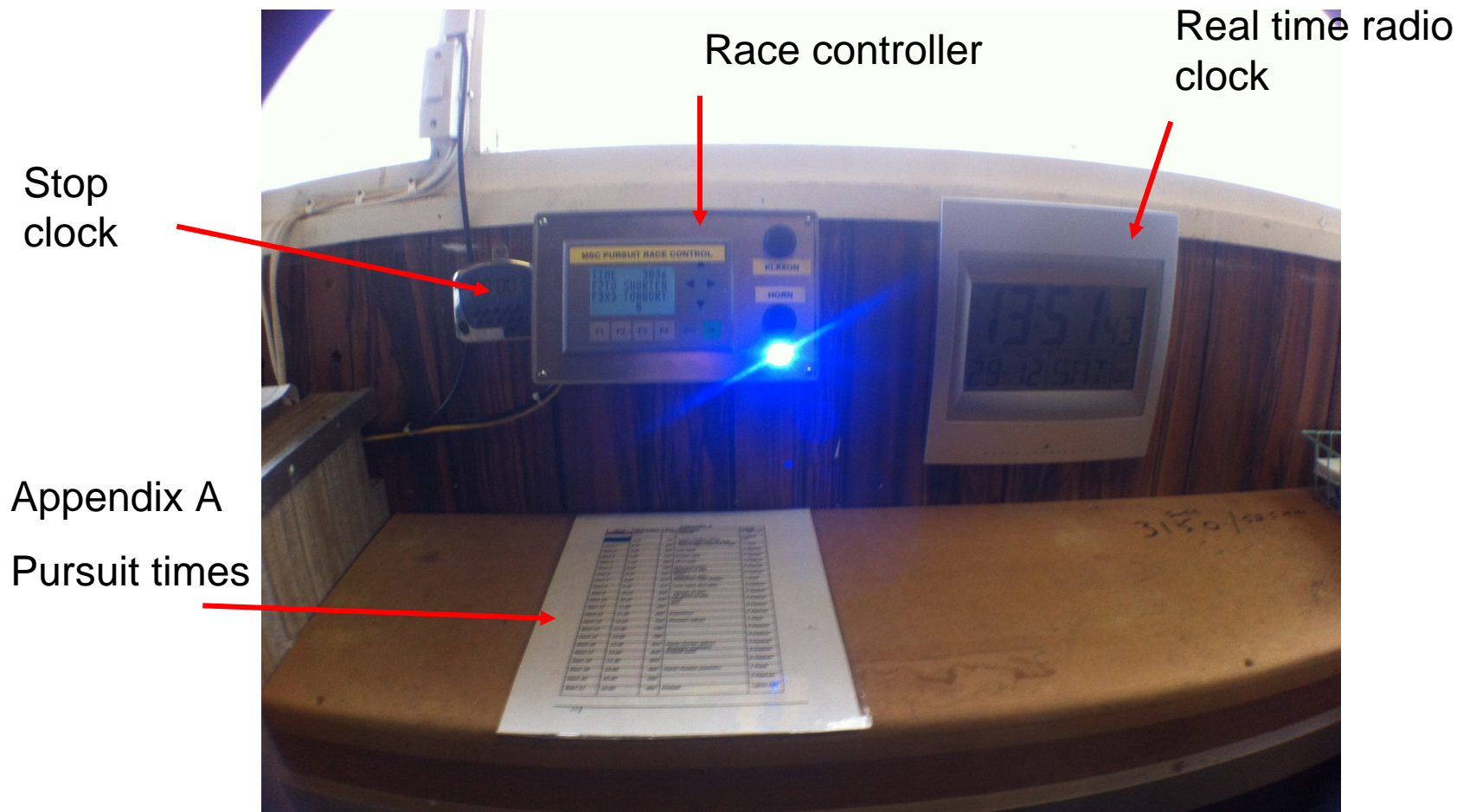
  Note. During the winter season it is important that races are started promptly at published times.

Put Out Signing on Sheet

Course sequence

- Return to start box.
- Put out course boards in sequence starting with the first mark at the far right slot (as you look out over the reservoir).
- Ensure the correct colour is shown (red for a port hand rounding; anticlockwise, green for a starboard hand rounding; clockwise.)
- At the socket on the wall marked 'Automatic starter', switch on & leave for a few minutes to allow the system to prepare itself.
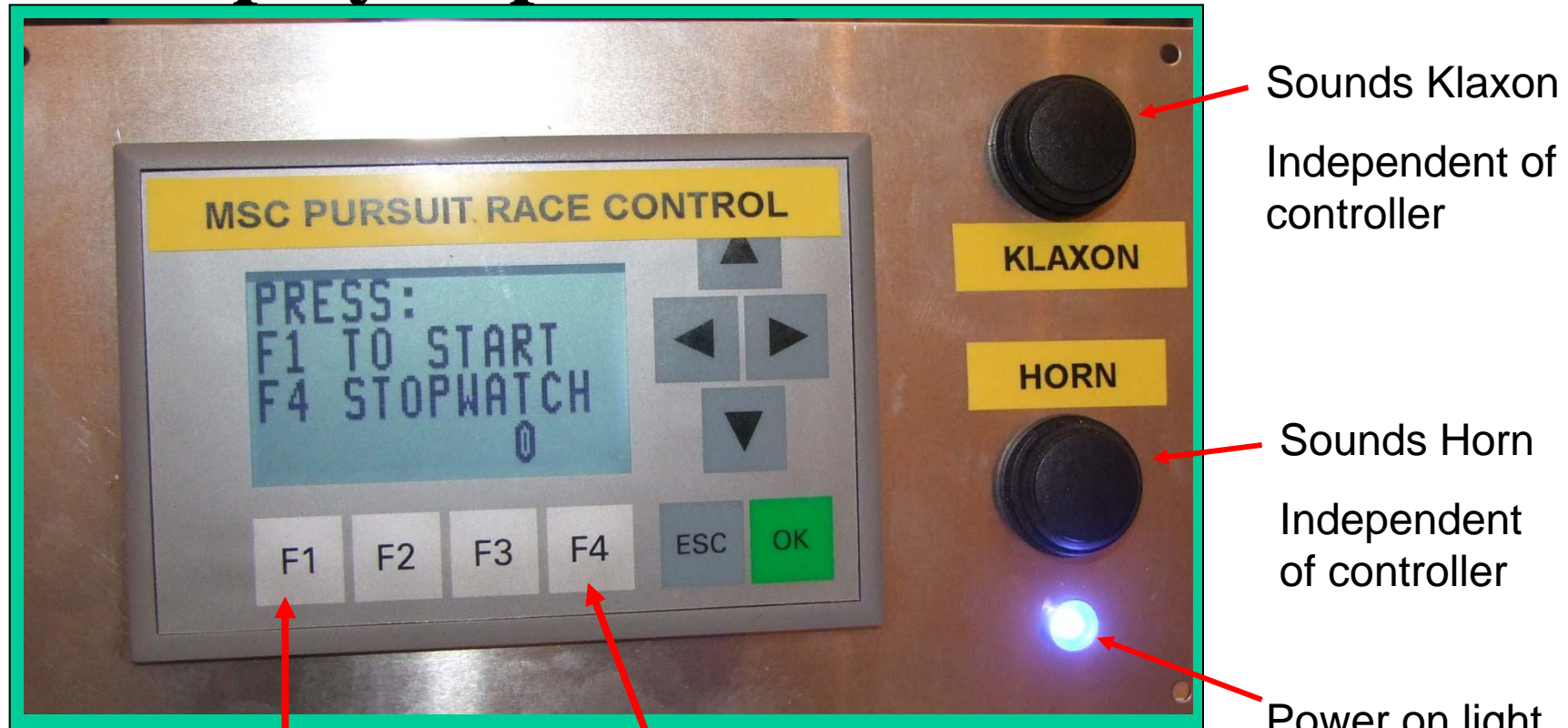
Put Out Course Boards

Course sequence starts from here, this is the first mark of the race.
Red is to port, anticlockwise
Green is to starboard, clockwise

Race Control Equipment

Race controller

Real time radio clock

Stop clock

Appendix A

Pursuit times

Display at power on

MSC PURSUIT RACE CONTROL

PRESS:
F1 TO START
F4 STOPWATCH
0

F1 F2 F3 F4 ESC OK

KLAXON

HORN

Sounds Klaxon

Independent of controller

Sounds Horn

Independent of controller

Power on light

Starts pursuit race sequence

Starts/stops stopwatch – independent of start sequence

Generally not used.

Race in progress

Elapsed time

MSC PURSUIT RACE CONTROL

```
TIME        111
F2TO SHORTEN
F3X3 TOABORT
       0
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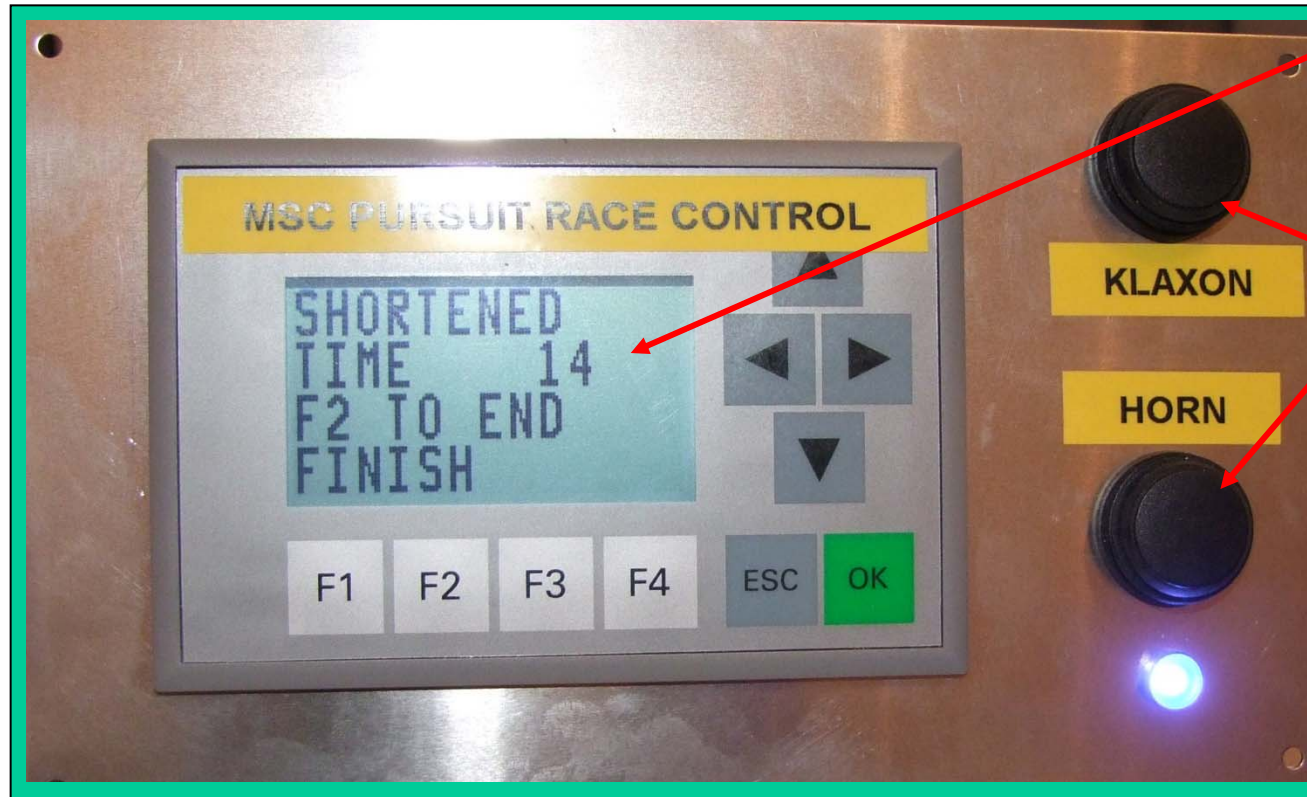
KLAXON

HORN
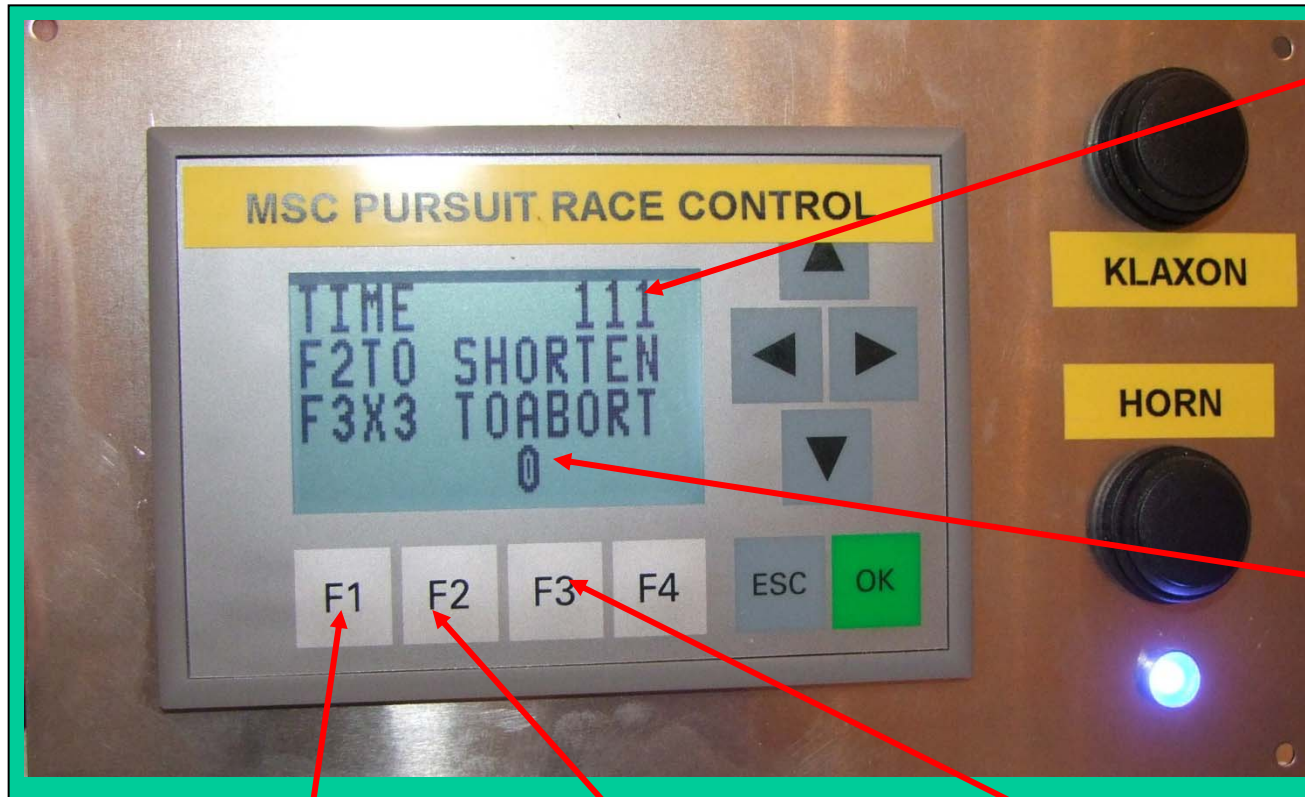
F4 is disabled

F3 operation counter

F1 is disabled until full elapsed time and time limit has passed

One press will initiate shorten course for finish

Press 3 times within 3 seconds to abort race and reset time counter

Shortened course

Total elapsed time

MSC PURSUIT RACE CONTROL

SHORTENED
TIME   14
F2 TO END
FINISH

F1 F2 F3 F4 ESC OK

KLAXON

HORN

Finish signals

Use HORN as quieter.

After F2 is pressed

Pressing again ends finish sequence

Klaxon disabled

Note:

Control box includes RCD trip that will cut power to Klaxon or lights in event of earth leakage. This function allows degraded race control in event that Klaxon is not operational.

Pressing F3 &F4 together switches from Klaxon operation to Horn. Use if there is a problem with Klaxon

- When ready, press **F1**button on starter system. You may wish to start the second stop clock simultaneously. (stop/start left hand button, reset right hand button)
- Check that 1 light shows on the start box.
- Continue to monitor the klaxon & light system to ensure that all is correct. The sequence is start, 3 mins, 6 mins then at regular 30 second intervals. Minute signals are slightly longer.
- See Sailing Instructions, Appendix A, for sequence.

- When all boats have started retrieve the signing on sheet & return to race box.

- Copy entries from signing on sheet onto race log sheets in blue book (kept in bar area of clubhouse) see visual for standard.

- Enter names onto sheet and complete general information about the race.

- Ensure that all boats are sailing the course as shown by the race boards at front of box.

Race Log Sheets Located in Bar Area
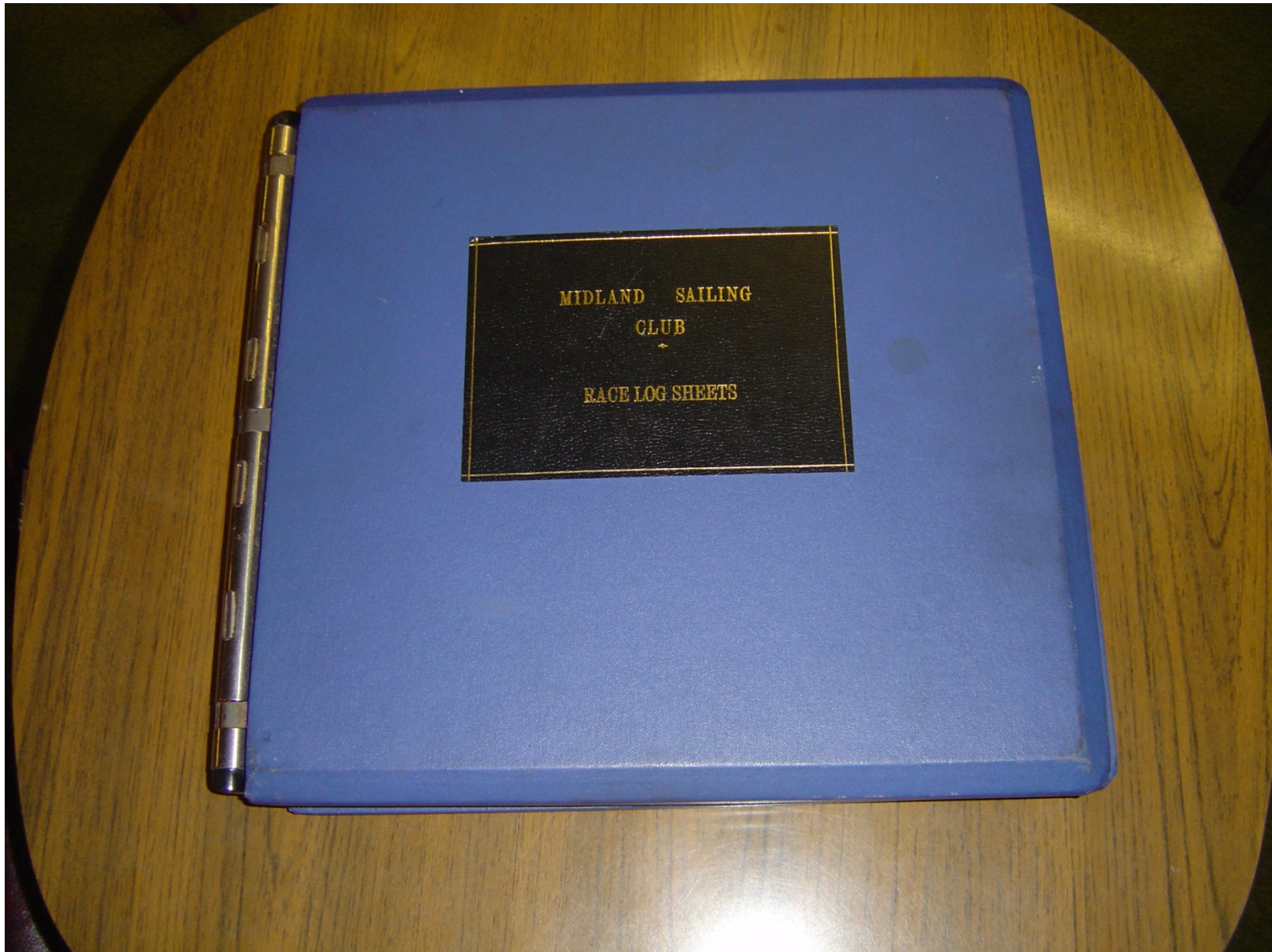
Standard For Completing The Record Book

Please fill in all details requested.

The sheet depicted shows the type of race date & start times, course set, wind direction & strength, weather conditions & state of the reservoir (water level).

All of this gives a full history of the races & will help to show what the wind direction & strength have been over a period, the same goes for the water levels.

A further point is that in the case of insurance claims or protests it may be necessary to identify some or all of this info.

Finish time in seconds as recorded when boat breaks finish line entered in this column

- Watch the boats round the marks in the correct manner.
- Record laps & positions on signing on sheet
- Towards end of race make judgement as to which should be the penultimate mark of the course in order to finish the leading boat as closely as possible to 4000 seconds (displayed on counter) & identify which of the two finish lines should be used.

Example shows Penultimate mark as No.3 & Finish line 'A'

WALL

① Cadet

③

④ Butlin

⑤ Creek

① Home

⑦

⑥ Castrol

a

b

Box

Clubhouse

Finish lines

E S W N
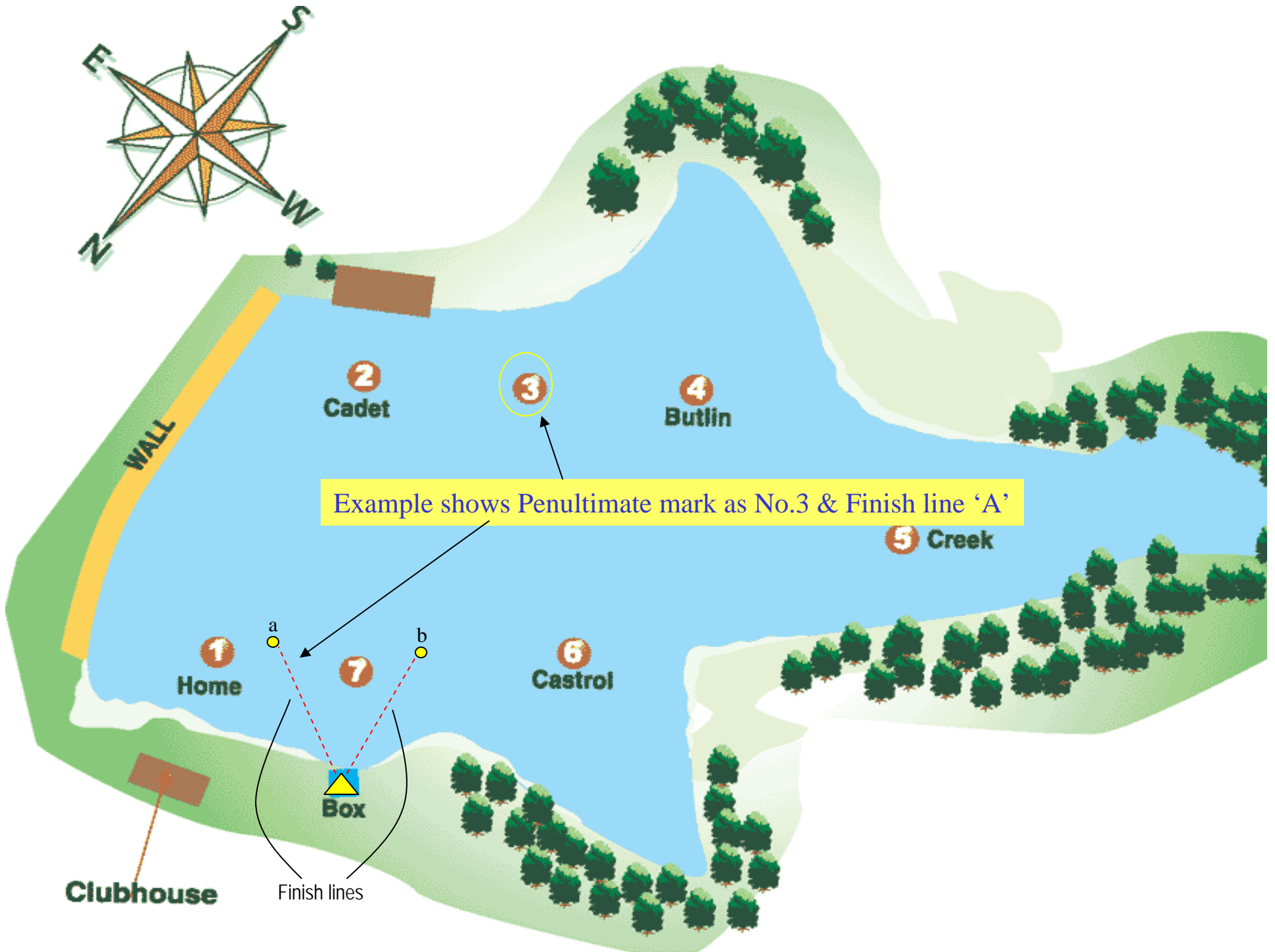
- Remove all boards from box except for the mark displaying the penultimate mark & signify finish line by 'A' **or** 'B' (tip: place 'A' to the left of penultimate mark board & 'B' to the right)
- Press **F2** button once to start shorten course process, this will sound four guns & both lights at front of start box will flash.
- Manually finish all competitors by pressing **Horn** button as they sail through finish line. (Klaxon will also work but louder.)
- Read finish times as displayed by counter when the first part of the boat crosses the finish line.
- Record time, seconds, on the sign on sheet in the elapsed time column.

Put out Penultimate Mark & Finish Line to Use

- After the last boat has crossed the finish line press **F3 three times** or switch off the automatic timer at the wall socket.
- If there is another race to run repeat the process.
- If racing is finished for the day, remove all course boards, replace window shutters & lock, turn off power & ensure all doors are securely locked.
- Return blue book to bar area of clubhouse.
- Provide list of first three boats in each race for flag officer to announce.
- Relax & have a beer or two.
- A short report / bit of fiction would be nice for the website.