

DOWNS SAILING CLUB Race System User Guide 2023

GET READY

Attach Required Signal Flags to Halyards

Locate Horn into Bridge Housing and connect to Local power Plug

Turn on power to Horn

Test Horn using manual Red button in desk or on bridge

Turn on power to Radio

SET STOPWATCHS TO 5.00 minutes.

<u>COMPUTER SCREEN</u>

INITIALLY THE SYSTEM MONITOR MAY BE IN 'SLEEP' MODE ie IT APPEARS TO BE A BLANK BLACK (GREY) SCREEN.

TO 'WAKE UP' THE SCREEN, JUST MOVE THE MOUSE OR TOUCH ANY KEY ON THE KEYBOARD. (eg. SPACE BAR.)

THE 'SLEEP' FUNCTION HAS BEEN SET TO OCCUR AFTER 30 MINUTES OF NON ACTIVITY OR ACTION FROM THE MOUSE OR THE KEYBOARD.

IF THIS HAPPENS DURING A RACE THEN TO RETURN TO THE LIVE SCREEN,
JUST MOVE THE MOUSE OR TOUCH ANY KEY ON THE KEYBOARD.
THIS WILL NOT INTERFERE WITH OR ALTER ANY PROCESS IN THE LIVE RACE.

<u>FINISHING HORN</u>

FOR FINISHING ONLY, IN ADDITION TO THE 'HORN TRIGGER', TWO REMOTE KEY TYPE 'FOBS' SIMILAR TO YOUR CAR ENTRY KEY ARE AVAILABLE AS AN ALTERNATIVE CHOICE.

YOU WILL FIND THEM ON THE END OF A BLUE LANYARD HANGING OVER THE SCREEN PLEASE RETURN THEM WHEN YOU HAVE FINISHED YOUR DUTY.

THEY ARE NOT PHYSICALLY CONNECTED TO THE RACE CONTROL BOX

THEY ARE OPERATED BY 'PRESS AND HOLD' IN THE SAME WAY AS A REMOTE CAR DOOR KEY AND WILL OPERATE THE HORN IN EXACTLY THE SAME MANNER AS THE ATTACHED TRIGGER.

PRACTICE USING IT IN THE 'TEST LIGHTS AND HORN' PHASE.
You may use 'Test Lights and Horn' as many times as you feel necessary.

THE TRIGGER IS PERMANATELY ATTACHED AND REMAINS AN OPTION IF PREFERED.

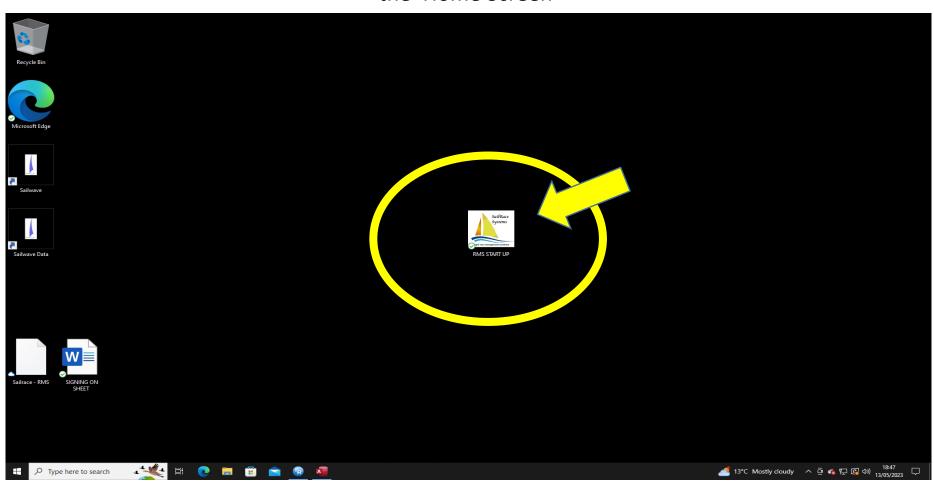
FINISHING OPTIONS

- 1. By Pressing the button on one of the fobs. (as you would to open a car remotely.) This will activate the horn and also record a Horn number and time on the RMS system. There are two fobs available, only use one at a time. The second fob is a 'Back up' in case of battery failure, or other fault.
- 2. By pressing the Trigger which is wired directly to the Control Box. This will also activate the horn and record a Horn number and time on the RMS system. This is intended as a further back up if both fobs fail. This can be used in preference to the fobs if desired.
- 3. Using the mouse in conjunction with the field displayed on the Race Screen. This option is only available if the above remote options have been deactivated and programmed out. See 'Race Finish'.

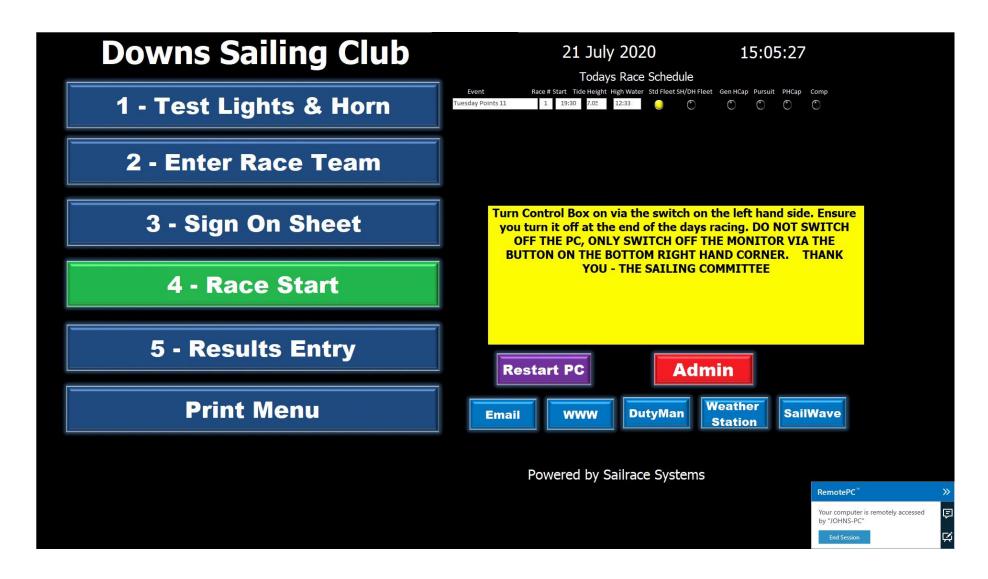
GET READY

Switch Control Box ON (Box with all the lights and switches next to the screen).

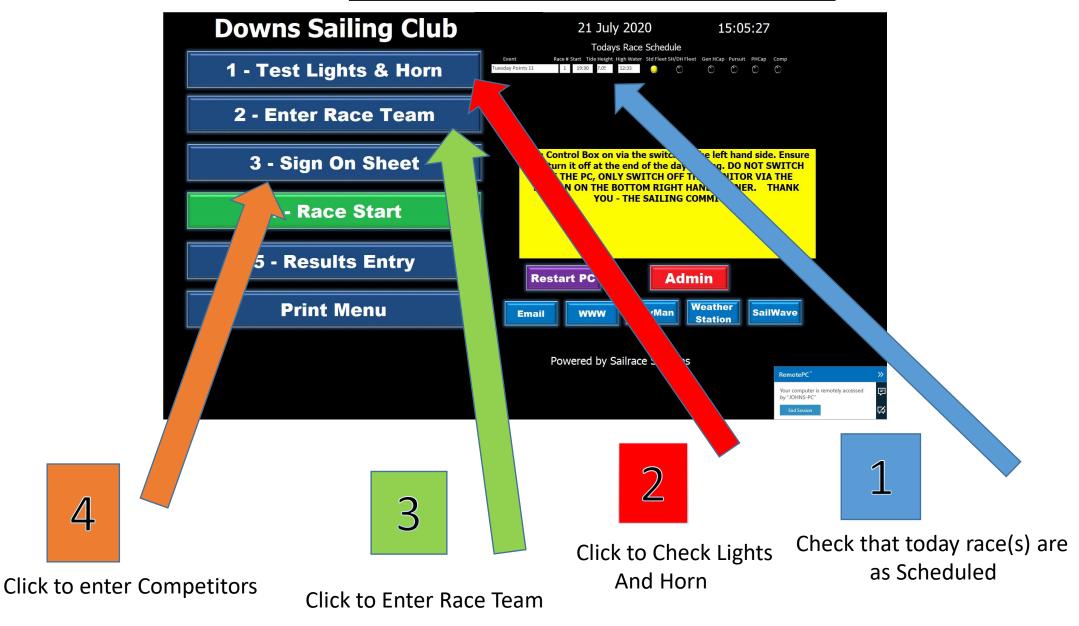
Double click on RMS icon to start system, and then select 'Continue' to proceed to the 'Home Screen'



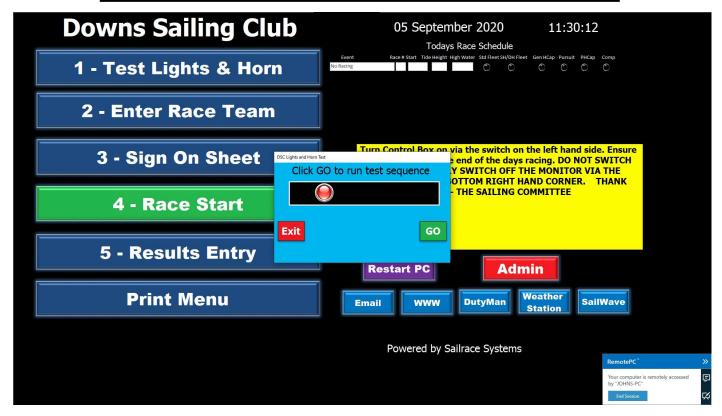
HOME SCREEN



HOME SCREEN - OVERVIEW



2. TEST LIGHTS & HORN

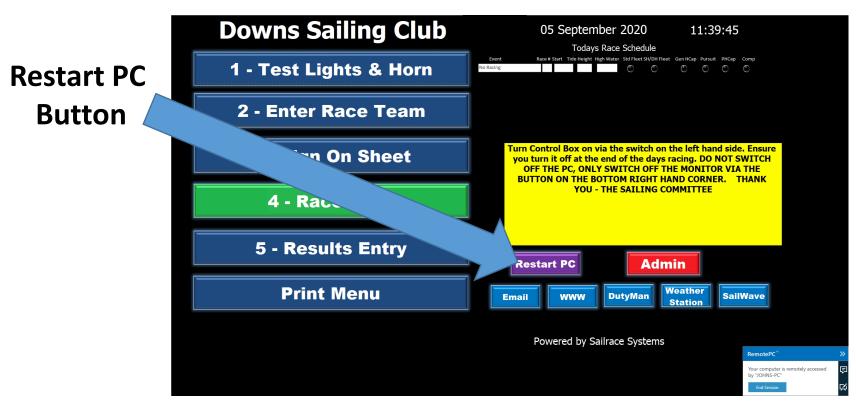


Click on the 'Test Lights & Horn' button.

Check that the lights on the Control Box and the External Warning Lights correspond with this screen and the Horn sounds, then Operate any/all of the Horn Remote Controls.

If there is no response from the Control Box, or the horn, then follow procedure in next page. Repeat this action as many times as you want, change horn operation as well if you wish.

2 TEST LIGHTS & HORN

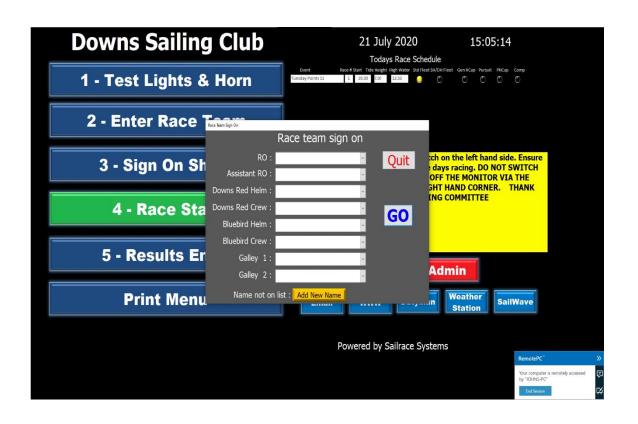


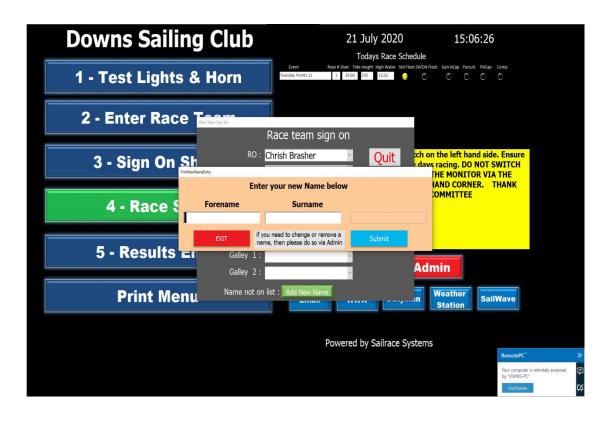
Turn the Control Box OFF and then On again.

Press 'Restart' on the Home Screen and wait for the system to Reboot and return to the Home Screen..

Run 'Test Lights & Horn' again.

3. ENTER RACE TEAM





Enter OOD, AOD, safety boat crews and if available Canteen Duty Members.

Use the drop down boxes to find names.

If a name is not in the list then use the 'Add New Name' option which will allow you to add a new name to the list

When Complete click 'Go' and return to the Home Screen and select 'Sign On Sheet' option.

4. RACE SIGN ON – Screen 1



From Sign On Sheet enter a sail number until it appears in the 'Choose Sail Number Box' and then select, if available, the helm/crew from the options in the grey drop down box and then confirm by clicking on 'Sign On'.

Always select and confirm an entry even if it is the only one and is valid.

Check that the entry has been included in the 'Competitor List'

SIGN ON SCREEN 2

Date	21-Jul-20		Downs Sai	iling Club - Sigr	n on Screen		Exit to		
					titor in drop down, if not		Main Menu		
		Not in list helaw 4	SailNo Class	Helm Name	or Helm to a boat that is Crewname	in the list			
		Click here	1364 PHANTO 1364 PHANTO				0 - 1		
Sign	gn On	Choose Sail No.	1364 PHANTO	M Tony Cook			Continue		
		Sail Number	Boat Class	Fleet Helr	n _	Crew			
Selecte	ed Line >>								
		Have Signed On So Far			are Racing So Far				
	He Tony Cook	elm No Cre	Crew w	Class PHANTOM	Sail Number Fleet	PERM DEL			
	1/25		FrmNewCompetitorEntry				_		
				Enter your new	competitor below				
			SailNo:	Class	Helm	Crew			
				·	~		_		
				EXIT	T T	Submit & Sign On			
								RemotePC [™]	»
								Your computer is remotely accessed by "JOHNS-PC"	ed 📮
								End Session	区

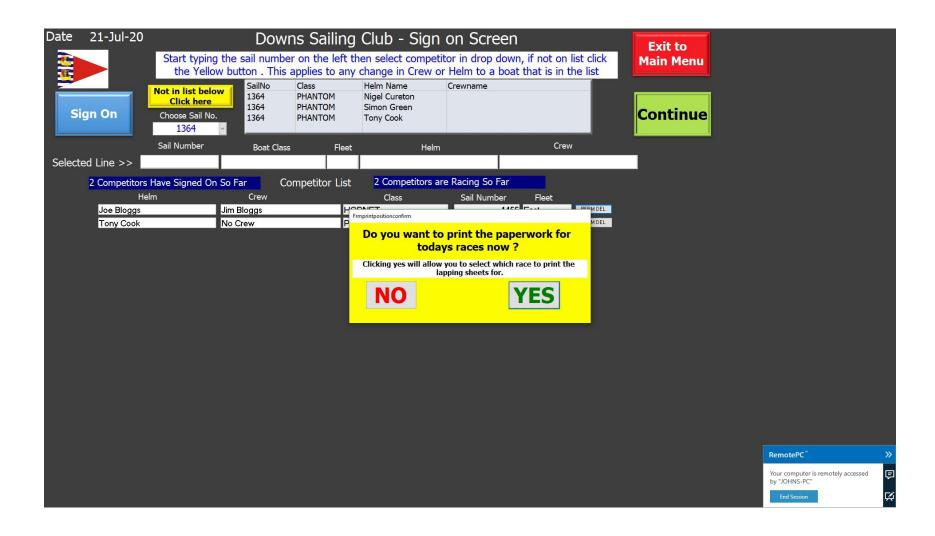
If there is no match for the sail number or any of the crew data for the boat on the sign on sheet

Then click on 'Not Listed Below' (Yellow Button top left) and complete the fields offered. They will be added to the

Sign On Sheet and the record retained for use in any further races.

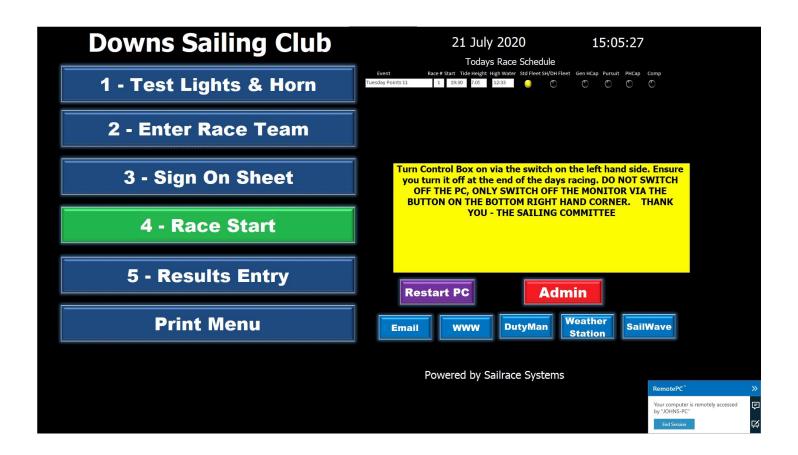
Check that the new entry has been included in the 'Competitor List'

SIGN ON SCREEN 3



Once you have completed all the entries click on 'Continue' and choose 'Yes' to print the Race Sheet for the Race.

STARTING A RACE - 1



Click on 'Race Start' when you are ready

TOP TIPS

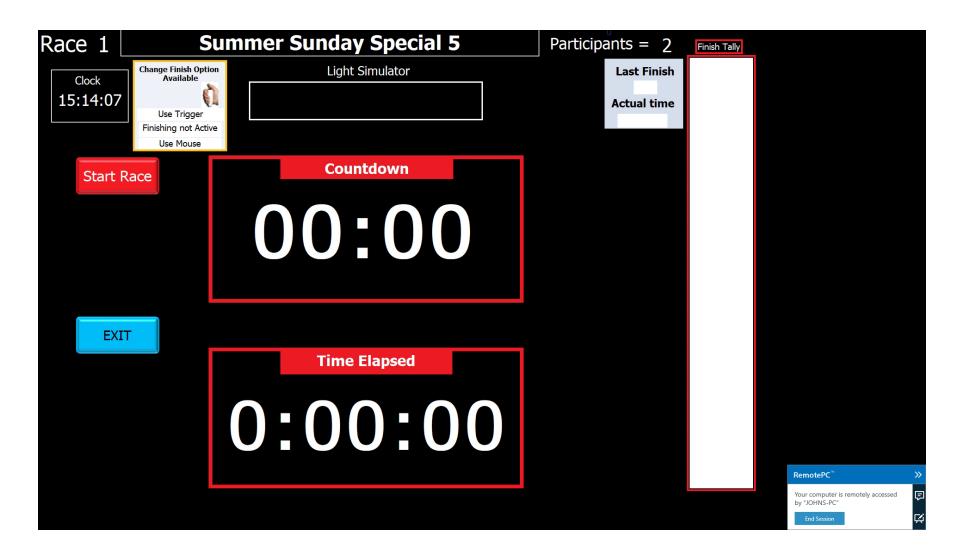
Be Ready to start stopwatch.

After 'Race Start' (See following page) the system will begin counting down about 5 seconds before the first horn and light signal at 5mins.

Start stopwatch simultaneously with the Horn signal.

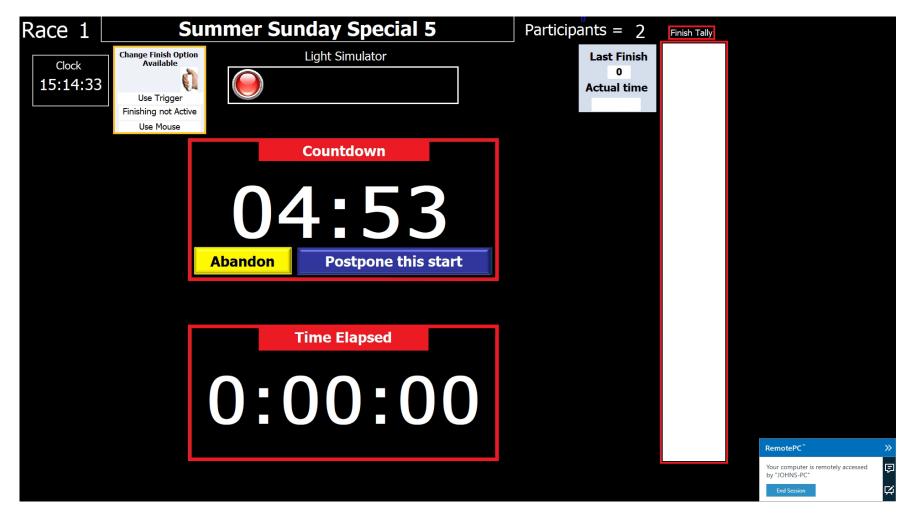
This will give a backup elapsed time record in the event of a catastrophic system failure.

STARTING A RACE - 2



Note the method programmed for sounding the horn and that all the other information about this race is valid When ready 'click' Start Race,

STARTING A RACE - 3



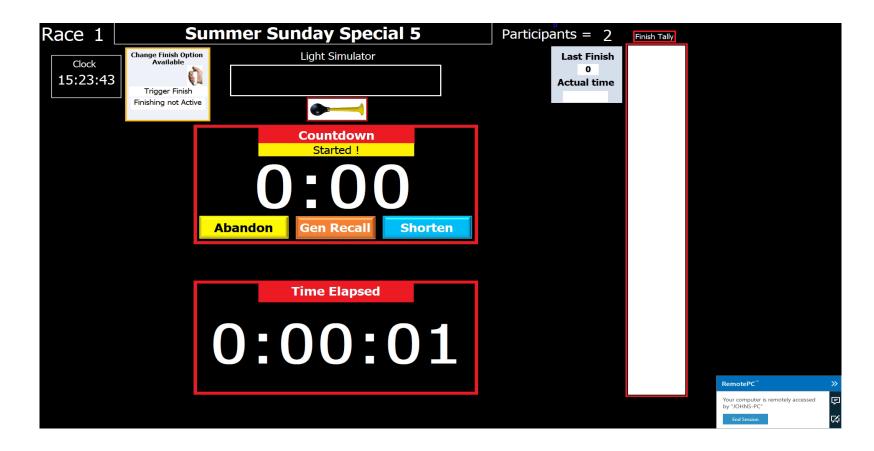
Confirm the horn has sounded at 5.00 minutes and a single light is being shown, and the stopwatch is also counting down.

Note that the 'Abandon' and Postpone this Start' options are now available.

Prestart Countdown

- 1. During the prestart countdown there two options to delay or stop a race.
- 2. Click on 'Abandon' Using this option will result in the following
 - 1. A request will be shown for you to confirm this command,
 - 2. When confirmed the horns will sound
 - 3. Appropriate flag requires hoisting.
 - 4. The Race will be zeroed out and the screen will revert to the 'Home Screen'
- 3. Click on 'Postpone This Race' This will result in a similar action but with the appropriate horns, except that the system will revert to the 'Restart' screen. Appropriate flag requires hoisting.
- 4. With both options you now have the choice of restarting the race when you are ready.

STARTING A RACE - 4



Monitor the countdown with automatic standard horn and second light at 4,00mins, horn and 1 light out at 1 min, and horn and second light out at the start.

Note that you now have options to stop the race - 'Abandon', 'General Recall', and 'Shorten',

The time elapsed for the race has begun counting.

RACE MANAGEMENT Post Start

Boats that are OCS (Over the Line)

Individual Recalls are Handled Manually.

The Horn is Sounded (Manually) Twice and the X Flag hoisted.

Note the Sail Numbers of the Offending boat(s)

Flag X is taken done only when all offending Boats have returned.

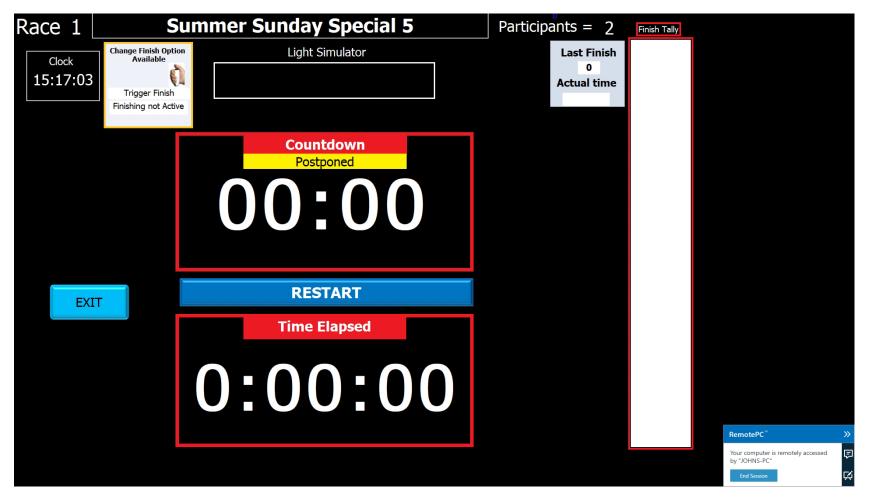
There are no actions required to be taken within the RMS system,

RACE MANAGEMENT Post Start

After the start there three options to delay or stop/finish a race.

- 1. 'Abandon' and 'General Recall'
 - 1. As before clicking on either of these options will result in a window appearing to confirm your request, followed by the appropriate horn signals, then reverting to the 'Home Screen' or the 'Restart' screen.
 - 2. The required signal flag needs to be hoisted at this time.
- 2. 'Shorten'
 - 1. Will result in a window requesting confirmation, followed by the appropriate sound signal.
 - 2. The required signal flag needs to be hoisted at this time.
- 3. With the 'Abandon' and 'General Recall' options you now have the choice of restarting the race when you are ready.

RESTART SCREEN



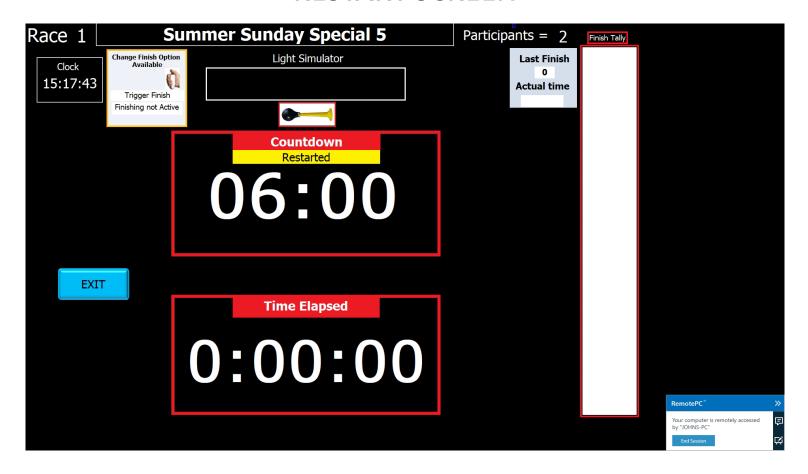
Click on 'Restart' when you are ready.

RESTART SCREEN

Race 1	Summer Sunday S	Special 5	Participants = 2	Finish Tally		
Clock 15:17:15	Change Finish Option Available Trigger Finish Finishing not Active	nulator	Last Finish 0 Actual time			
	Restal 06	ted				
EXI	Time El	apsed				
	0:00					
					RemotePC [™]	>>
					Your computer is remotely accessed by "JOHNS-PC" End Session	ŭ E

Upon 'Restart' being initiated this screen will show the countdown starting from 6.29 mins. This will allow you to be prepared to take down any warning flag at 6.00mins.

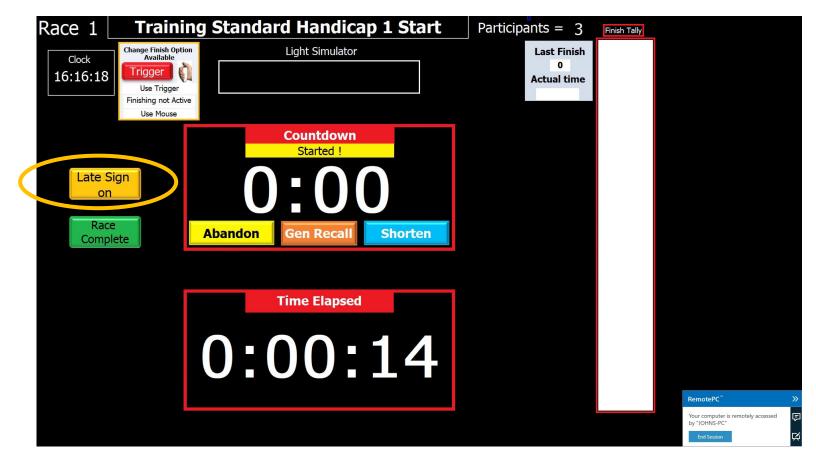
RESTART SCREEN



At 6.00mins Horn will sound indicating that the delay (Postponement) is over and a new start sequence will begin normally at 5.00 mins. Remember to restart the Stopwatch also at 5.00 minute signal.

Any warning flags should be struck now,

STARTING A RACE - 5



After the start note that you now have options to stop the race - 'Abandon', 'General Recall', and 'Shorten',

The time elapsed for the race has begun counting.

There is also an option to add a boat that has been missed. (Usually because they have not signed on,)

Click on 'LATE SIGN ON' which will return to the 'Sign On' Screen.

Once it has been added use the Continue button to print new Race Sheet and return to the active Race Screen.

TOP TIPS

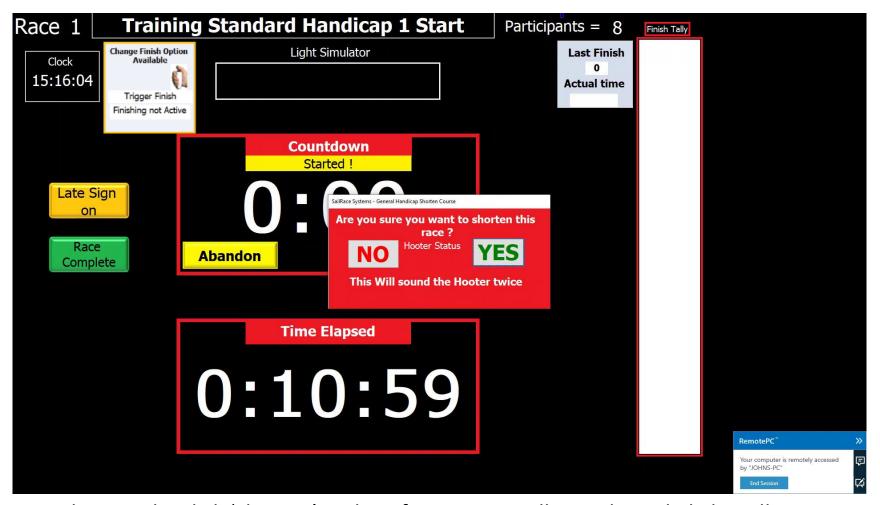
On the Race Sheet enter the elapsed time for each boat as it crosses the line at the end of each lap.

This can be from either the computer screen or the stopwatch.

This will give a fall back in the event of any dispute, and will also indicate the actual time taken per lap. This will be a guide to your decision on the potential length of the race.

At the finish record both the Horn elapsed time as well as the Horn Number

Shorten Course.



When ready, Click 'Shorten' and confirm, Horns will sound, single light will appear.

Return to this screen, where the 'Time Elapsed' will continue to count.

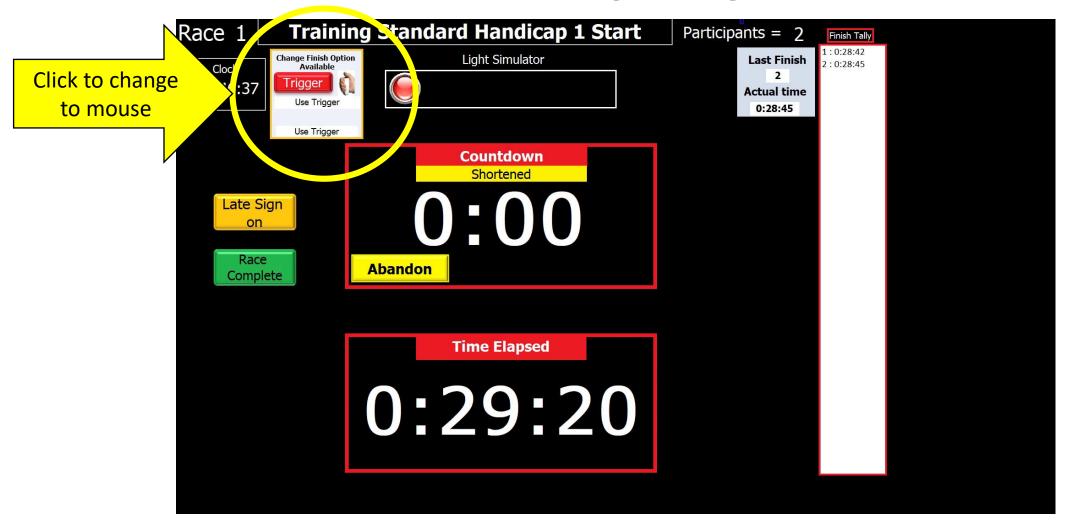
Shorten course flag needs to be hoisted.

FINISHING



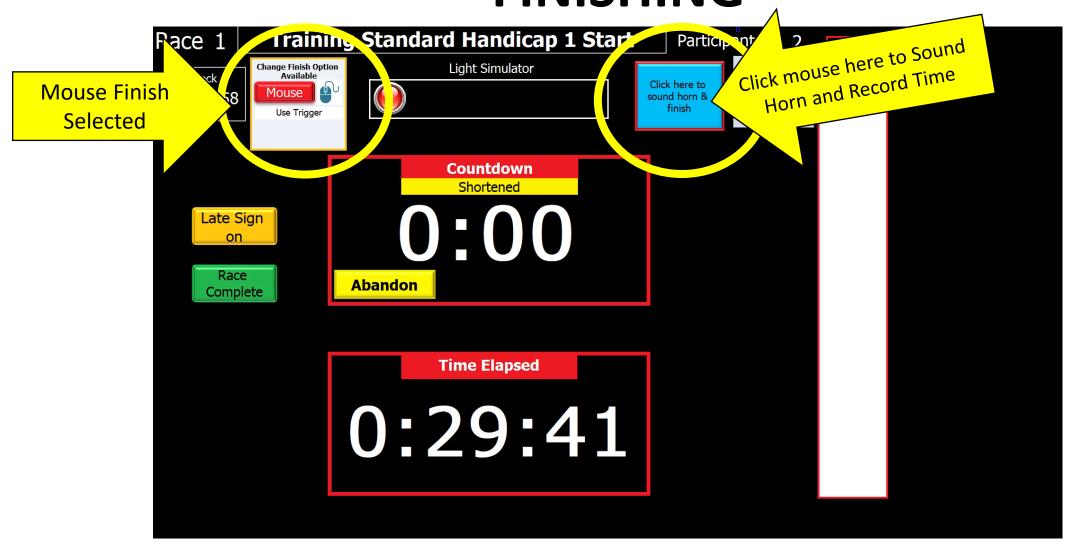
Check the finishing method – example shows 'Trigger' which means use either a Fobor or the attached Trigger.

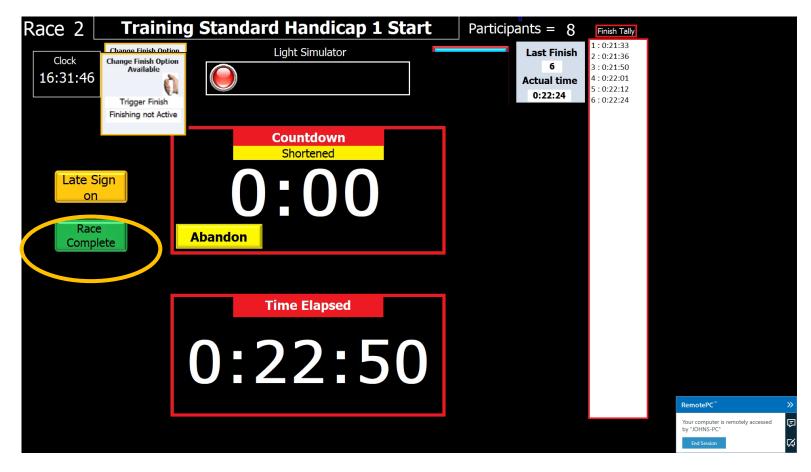
FINISHING



If the Fob(s) or Trigger are unavailable or faulty Click on the Red Trigger button to change to mouse finishing.

FINISHING





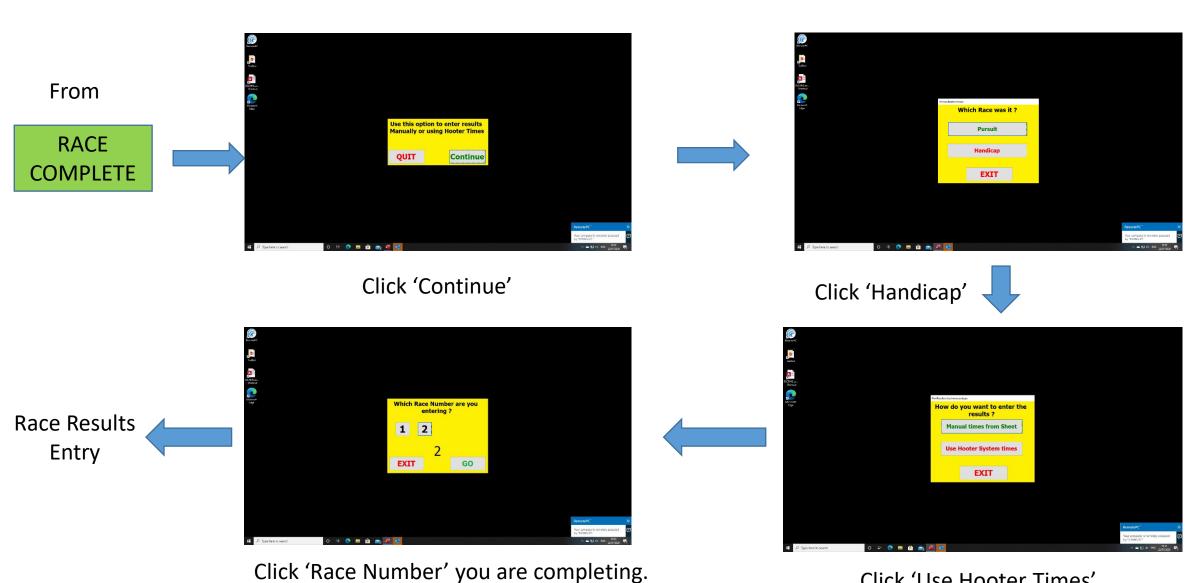
Finish boats by pressing the appropriate Horn Control, note horn number and time for each on the Race Sheets.

NOTE - You may have less horn numbers than 'Participants' as some boats may not cross the line to finish.

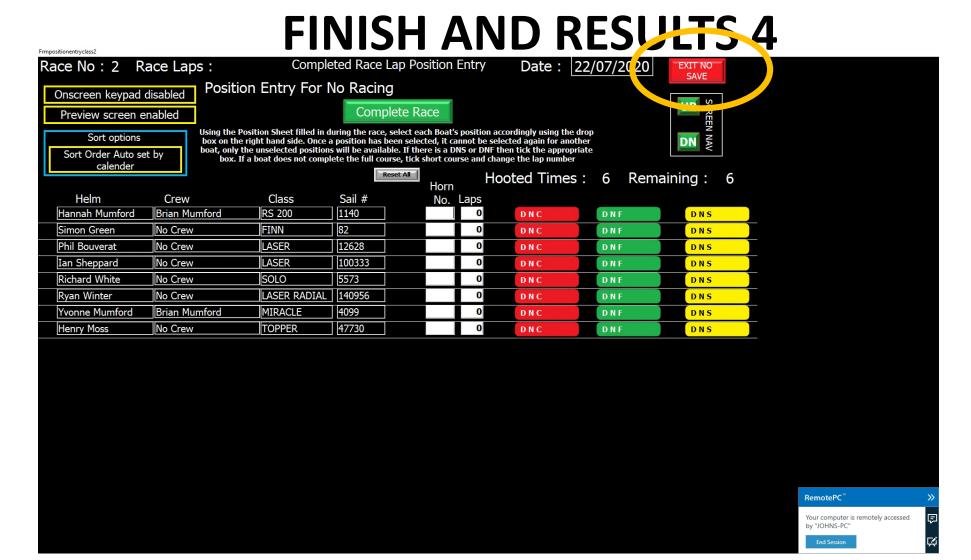
If you sound the horn twice or incorrectly, note the horn number you want to discard.

You may also use the same horn twice if necessary.

When satisfied all competitors have been accounted for click 'Race Complete'



Click 'Use Hooter Times'

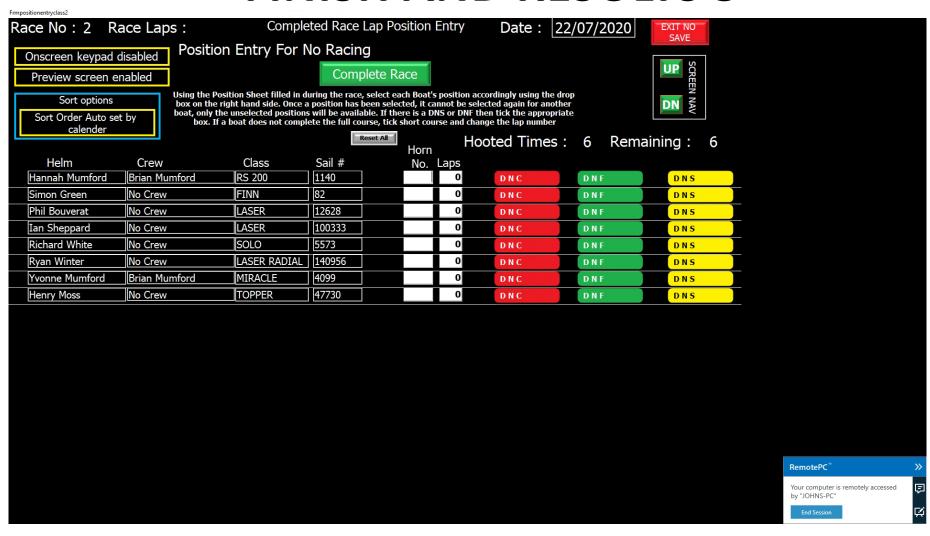


If there is a second race scheduled 'Back to Back' with this race, any delay in the start of the second race should be avoided.

The results entry for the first race can be left until the next race has been completed.

Press the 'EXIT NO SAVE' button to be returned to the Home Screen, add/amend any changes to 'Sign On',

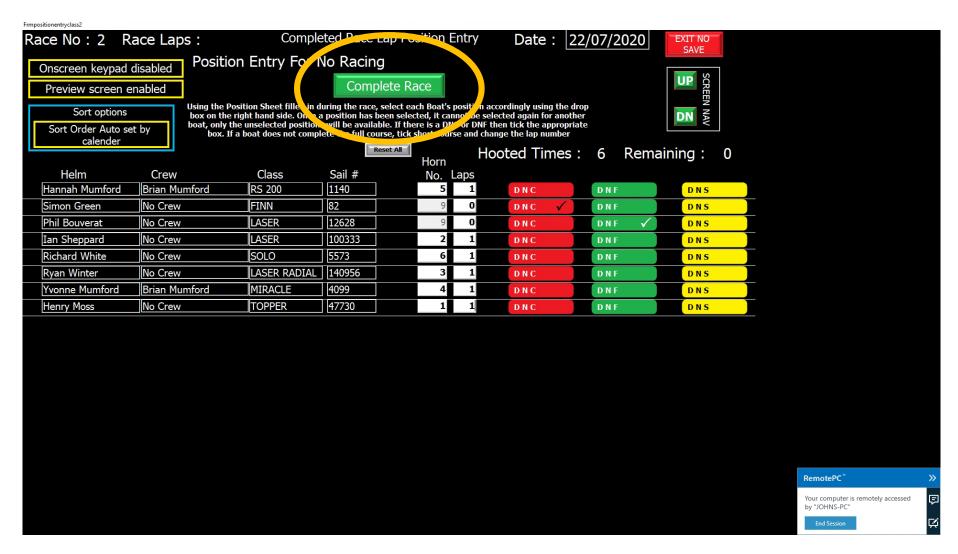
print new Race Sheet and when you are ready start second race



Place the cursor in the 'Horn No.' box and enter the Horn number from the Race Sheet and then use the Tab key and enter the number of laps in the 'Laps' box.

Tab again to locate and enter the next record and so on.

TAKE CARE TO ENSURE THAT EVERY HORN NUMBER HAS BEEN ACCOUNTED FOR



For non finishers click on either 'DNC' (Did not Compete), DNF (Did not Finish), or DNS (Did not Start).

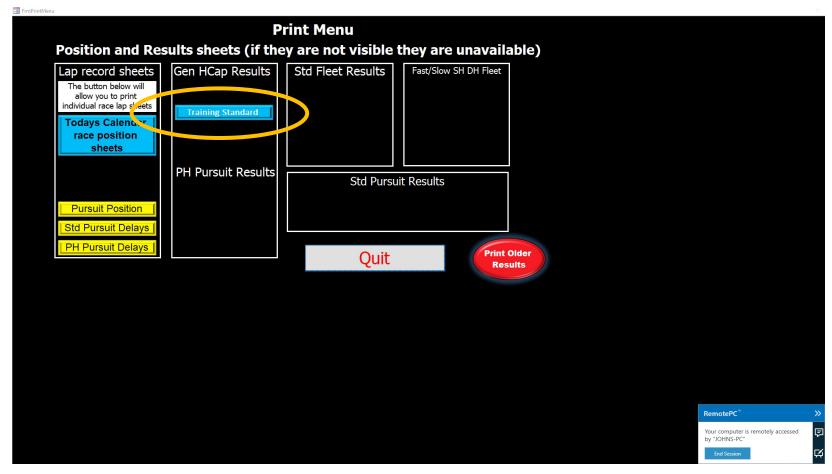
Note: You will need to have entered a valid 'Result' for every entry to be able to 'Complete Race'.

When satisfied with the results you have entered click on 'Complete Race' to take you to the 'Preview' Page.

No. No. Crew No. Crew Separate No. Crew No. Crew Separate No. Crew No. No.					ts entry	•					S	JBMIT		G	O BACK	
1 Henry Moss No Crew TOPPER 47730 1 00:21:33 1293 00:15:22 922 1401 1 1 □ □ □ 2 Yvonne Mumford Brian Mumford MIRACLE 4099 4 00:22:01 1321 00:18:09 1089 1213 1 1 □ □ □ 3 Ryan Winter No Crew LASER RADIAL 140956 3 00:21:50 1310 00:18:48 1128 1161 1 1 □ □ □ 4 Richard White No Crew SOLO 5573 6 00:22:24 1344 00:19:22 1162 1156 1 1 □ □ □ 5 Ian Sheppard No Crew LASER 100333 2 00:21:36 1296 00:19:27 1167 1110 1 1 □ □ □ 6 Hannah Mumford Brian Mumford RS 200 1140 5 00:22:		This show	ws you the corrected resul	ts for the race you have just er	tered, if they are	e correct	t then click 'Submi	it' or go back to c	hange and previe	w again						
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9 Simon Green No Crew FINN 82 9 00:00:00 0 23:59:59 86399 1053 1 0 🗹 🗆	5	Ian Sheppard	No Crew	LASER	100333	2	00:21:36	1296	00:19:27	1167	1110	1	1			
	6	Hannah Mumford	Brian Mumford	RS 200	1140	5	00:22:12	1332	00:21:08	1268	1050	1	1			
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	9	Phil Bouverat	No Crew	LASER	12628	9	00:00:00	0	23:59:59	86399	1110	1	0			

The results preview gives a chance for you to verify them before printing. If you do spot an error, or you wish to check a data entry, you can return to the 'Results Entry' screen, just click 'Go Back' to view/correct any record. Click 'Submit' when satisfied, which will return you to he Home Screen then click on 'Print Menu'

PRINT RESULTS



To print Results Sheets click on the appropriate race. In this case the race in the Gen. Hcap Results Box.

One copy each for Notice Board, Press Officer, Bar and the Archives.

Add the copy to the Archive file with the Sign On and Completed Race Sheet(s).

Repeat if you need more copies. Quit when done and screen will return to Home.

Leave screen to 'Sleep' automatically.

DO NOT TURN THE COMPUTER OFF.