

Pisces Event Setup and Timer Guide

Following are instructions to set up a route, export a gpx file to import into a plotter, and use the Pisces event timer. The instructions may be used in conjunction with the 2 part tutorial videos.

1. Set up vessel details. (Only need to do this once so that the details will be the default for generating event routes)

- Open “VESSEL”
- Insert your nominated boat speed
- Inset an arbitrary start time, say 10:00
- Insert your vessel name
- Insert Skipper's name
- Save than close the form

2. Generate an Event Route

- Open “SelEvent”
- Click on the SYC published event “Parent” file. (Must be the one with the *) e.g. * DS-E-4 (Dux Series). This Pisces code will be shown on the event Notice To Competitors and Event Instructions.
- Click “Apply”
- Click “PlotCrse” to view the course. By clicking “resolution” you can change between Low and High resolution.
- Open “ACTIVE EVENT”
- Click on “Add additional Lat/Longs between T/Pnts”
- In the top yellow box add the time you want between waypoints (in seconds), followed by B or F. With B, any leg time residuals will be after the turn point. With F, residuals will be before the turn point. (This is because equal generated waypoint distances or times may not be possible between the provided turn points)

Example: 20B = 20 seconds between waypoints with time residuals after the turn points.

- The second box is your nominated boat speed.
- Leave the third box as 6
- The last box is the minimum time, or distance, a waypoint can be placed to, or from, a turn waypoint. This will usually be between 20 and 40%.
- Click “Process”
- Note the generated route name on the next page, e.g. DS-Ea4, then click “OK”.
- Open “SelEvent”
- Click on the new route, e.g. DS-Ea4 then “Apply”.
- You can check the new course and additional waypoints in “PlotCrse”
- Open “EditRSh”
- This is where you change the start time from the time placed in the “Vessel” page to the start time provided by the club. This can be done any time prior to the event.
- In “run Sheet Print Options” untick the 1st box “A” and tick the 5th box “C” to see the individual leg times and event progressive times in the event run sheet. Other options can be selected.
- If you scroll down you can see how many waypoints there will be. (If there are too many, start again and increase the time between waypoints, e.g. From 20s to 25s.

- Close this form and click “Yes”.
- Open “PrPSh/Tmr”
- Note: Left click and copy distance for time interval you want for the pre-starts. e.g. for 20 seconds it is 0.39991 (This is required for adding pre-starts).
- Close this form.
- Open “ACTIVE EVENT”
- Click on “Build a GPS Route Import .gpx File”
- In the 1st box add the number of pre-starts you want, e.g. 5
- In the 2nd box Right click and Paste the distance you copied in the “PrPSh/Tmr” page, e.g. 0.039991
- If you need to have the pre-starts on a different heading to the first route leg, add the heading in the 3rd box (must be degrees True). If not, leave blank.
- If you want all of the waypoints to have arrival times in addition to waypoint names, tick “Actual R/Sht Arrival Times”. (Useful if using iSailor)
- Inset a Thumb Drive or SD card into a computer port. Click on “Path Browser” and then on the drive the memory device is inserted, as Windows allocated Drive Letter e.g. E:\
- Click “Process”
- Close the next page.
- Close the “Build a GPS Route Import .gpx File” page.
- Click on “PlotCrse” which will show the generated route with the Pre-starts added.
- Click on “EditRSh” and check that the pre-starts have been added.
- In “run Sheet Print Options” untick the 1st box “A” and tick the 5th box “C” to see the individual leg times and event progressive times in the event run sheet.
- Click “Print” to print a PDF file of the course run sheet.
- Close Pisces and click on “Yes” for the windows that open.
- To find the route gpx file go to the SD memory device used to save the GPX file.
- Import the route file e.g.DS-Ea4 into your plotter.

3. Using the Pisces event Run Time

- Before the day of the event your correct start time should be added to the “EditRSh” page **(Important)**
- On the morning of the event open “PrPSh/Tmr”
- Click “Run TIMER”
- The timer will open showing the time remaining to the 1st pre-start waypoint (Red numbers in a yellow box). **You must be at the 1st pre-start waypoint when the time is at 0.**
- Adjust the computer time (top black time in orange box) to agree with an accurate clock, e.g. atomic clock, by clicking on the “CT Adjust” + or -.

Finally check that the start time and speed shown in the top left-hand box are correct.

IMPORTANT

When navigating, only look at the Red countdown times, nothing else, unless the driver asks which waypoint they should be heading to.

If the driver asks which waypoint they should be heading to, for a Raymarine plotter running Navionics, it's the number of the green waypoint under the yellow highlighted box below with red writing. This should be true for all plotter brands, however I haven't tested them.
