



SPEED SAILING EVOLUTION SINCE 1972

Saturday 15th to Friday 21st October 2022

Weymouth Speed Week

EVENT GUIDE

Weymouth & Portland National Sailing Academy,
Osprey Quay,
Portland,
DT5 1SA
Telephone 01305 866000



WEYMOUTH & PORTLAND NATIONAL SAILING ACADEMY

#SPEEDSAILING



Content

Important Notice to all Competitors	4
<i>Competitor Check List for Registration</i>	4
Entry to the Event	5
The Organisers	5
Contact details during Weymouth Speed Week	5
Introduction to Weymouth Speed Week	6
Details of the 2022 Event	8
Briefing	8
Safety	8
Photographs	8
Vests	8
Support Boats	8
The Courses	9
Beach Course	9
Harbour Course	9
Sessions	10
Flags	10
Definitions	10
Craft Types	10
Sailboard Fleet, Craft definition:	10
Kiteboard Fleet, Craft definition:	10
Wingboard Fleet, Craft definition:	10
Boat Fleet, Craft definition:	10
Craft Type Sub Fleets	10
Sailboard	10
Status: Amateur	10
Status: Gold Fleet	11
Status: Pro Fleet	11
Status: Women's Fleet	11
Kiteboard	11
Freeride	11
Open Class	11
Youth Fleet, Definition:	11
First Time, Definition:	11
Prizes	12
Use of GT-31 GPS Units	13
Results	14
Itinerary for the Week	15
Zello	16

The Weymouth Speed Week bank account details are:

Account name "Weymouth Speed Week"

Bank: HSBC

Sort Code: 403810

Account Number: 01462288

SWIFT or BIC: HBUKGB4108V

International Bank Account Number: GB38HBUK40381001462288

Important Notice to all Competitors

The safety of the sailing craft and her entire management, including insurance, shall be the sole responsibility of the Owner/Competitor whilst competing in speed trials or using the craft for any purpose.

The issue of sailing instructions, or any other directives, either verbal, written, or implied in no way limits or reduces the complete responsibility of the Owner/Competitor for their crew and the management thereof.

The Event Organisers, the Host Club, or any Class Association will not be liable for any loss, damage, death or personal injury howsoever caused to the Owner/Competitor or any of their crew as a result of their taking part in the trials, or races.

Moreover, every Owner/Competitor warrants the suitability of his/her craft for the trials, race or races.

All craft be insured against Third Party Liability for a minimum of £2,000,000. This is a condition of entry to Weymouth Speed Week.

All competitors must attend the morning briefing and must, before going on the course, ensure that they have received the Race Officer's brief and been made aware of any safety instructions pertinent to that day.

Competitor Check List for Registration

1. *BEFORE the event save any existing data on the memory card and then format the card in the GT31 to start the event with a blank memory card. Only 2Gb maximum card sizes work in the GT31.*
2. *Bring your GT31 to registration or if you are hiring a GT31 bring a refundable deposit; cheques should be made payable to "Weymouth Speed Week".*
3. *Collect your printed Event Guide, Event T Shirt, loaned Rash Vest and complimentary Event Tickets and GT31 (if you hired one).*
4. *Open the back of your GT31, turn on your GT31 and select Navilink mode.*
5. *Go to one of the "self service" tablets and follow the on-screen guidance. This will automatically check your GT31 settings, ensure it has a unique identifier and register your unit to the data that you entered previously on-line, check that the details we hold for you are correct.*
6. *The system will give you your personal event number which is also your Tally Band number.*
7. ***When you go on the water take your Tally Band and when you come off the water return your Tally Band and GT31 within 30 minutes of course closure, this is a safety requirement to enable the stand down of the safety boats and allow prompt completion of the day's results.***

Entry to the Event

For practical and safety reasons we must limit the total number of competitors.

Entry is only secured on payment of the appropriate fee following completion of on-line registration.

For 2022 there are two options for entering the event, either for the full week or for the youth weekend for those less than 18 years old on 31st October.

The fees are £200 or £50 respectively. These fees include use of the Weymouth and Portland National Sailing Academy and all launching and mooring fees due to the Portland Port Authority. Weymouth Speed Week provides the organisation, rash vests, buoys & anchors, result software and equipment, safety boats, fuel and crews.

We have 42 GT31 available for hire at £30 for the week or £15 for the youth weekend.

The event is non-profit making. Prizes are provided by our generous event sponsors. Please support them. T shirts will be provided to all entrants registered and payment confirmed two weeks before the event.

Competitors may compete with any wind powered sailing craft.

If you wish to enter with multiple craft types e.g., sailboard and wingboard then only the one entry fee is needed, however in order to correctly process the results we will require you to have, and register, a different GT31 for each craft type.

The Organisers

Chairman
Event Manager & Hon Treasurer
Promotions Manager
Race Officer
Speed Results and Web Site
Graphic Design
Weymouth and Portland National Sailing Academy

Nick Povey
Norman Phillips
Pete Davis
Karen Battye
Nick Povey/Mike George
www.natural-design.co.uk
Peter Allum

Contact details during Weymouth Speed Week

During the Weymouth Speed Week event the following people will have access to 2 way radios and remain in contact with the timing boats, club house, beach and rescue boats.

WPNSA Reception	01305 866000	
Pete Davis	07795 183243	(press and related enquiries)
Nick Povey	07801 757505	
Norman Phillips	07763 224585	
Karen Battye	07376 105967	

Introduction to Weymouth Speed Week

This year we are celebrating 50 years of Weymouth Speed Week. An event with a rich history of innovation, passion and fun, drive by the need to go faster. So come along and join the Party! Literally as on Saturday we will be hosting a '70s party.

In recent years we have seen the development of foils for kites and sailboards and now these craft can experience sailing at three times the wind speed. This year we will see further innovation with the introduction of wing foilers. We also expect to see Icarus, one of the first craft to sail successfully on foils, competing at Weymouth Speed Week again 50 years after achieving 21.6 knots at the very first Weymouth Speed Week in 1972.

Weymouth witnessed the development of windsurfing and its rapid development until these boards dominated speed events.

Weymouth saw the development of the first kite powered craft and some of the very first kite boarding, with Cory Roseler taking part in the 1980's.

And Weymouth was the testing ground for Sail Rocket which was developed into Vestas Sail Rocket II and now holds the World Speed Record of 65.45 knots.

And we are pleased to welcome Benoit Gaudoit once again to Weymouth Speed Week and to learn from him about the SP80 project he co-founded that aims to break the World Speed Sailing Record (this will take place at the AYRS meeting on Wednesday evening – visitors welcome).

Weymouth Speed Week began in 1972 under the direction of the Royal Yachting Association. It was the premier event at which boats could demonstrate their prowess, reach world-record breaking speeds and further the advancement of sailing technology. Speed sailing records have been sanctioned by the World Sailing Speed Record Council (WSSRC) since 1972.

The speed trials of the 1970's and 80's attracted many thousands of pounds of sponsorship money and competitors attended by invitation. Several world speed records were set and then broken during these years, firstly with the boats and then, as technologies improved, by the windsurfers.

During the second half of the 80's the increasing popularity and capability of windsurfers came to take and then dominate the speed records. Locations with more favourable and predictable wind conditions became the place to set records, and the importance of Weymouth Speed Week as a record-breaking location began to decline.

Its popularity remained however and, due to the voluntary efforts of a few individuals, Weymouth Speed Week progressed into the 1990s supported by Weymouth and Portland Borough Council, the Weymouth Sailing Centre and the Amateur Yacht Research Society who assisted by donating prizes each year. Such was the enthusiasm for the event that some individuals even made their sailing boats available for use as 'course boats' during the week. The effort of all these organisations and individuals has ensured that Weymouth Speed Week is the enjoyable and exciting event that it is today.

Portland Harbour

Portland Harbour provides a great location for speed sailing. It is bounded on its south western side (the direction from which the prevailing wind blows) by Chesil Bank. Chesil Bank is a huge natural breakwater that stops the waves but not the wind. Shortly after the Autumn Equinox the wind conditions become most favourable and it is at this time that Weymouth Speed Week takes place to provide the best chance of getting ideal speed sailing conditions, that of smooth, strong winds and flat water.



An open competition

Weymouth Speed Week is a unique event; there are NO restrictions as to who may enter, and all types of sailing craft are welcome. If it's wind-powered, it is eligible. The lack of rules provides the ideal proving ground for both experts and dreamers to build the type of craft which, but for Weymouth Speed Week, would never otherwise see the light of day. Many early boat and board designs have since been refined and some of today's fastest craft owe their origins to designs and ideas that were first seen at Weymouth Speed Week.

Today's competition

Speed, position and distance are recorded by GPS units; each competitor wears an individual GPS data logger that continuously records their location.

Although an outright World Record may be out of reach at Weymouth Speed Week, the competition is on for breaking the Weymouth Speed Week 500m Harbour Record of 41.21 knots set by James Longmuir in 2019 on a kite board.

Courses are laid out in the harbour each day by the event organisers. Depending upon the prevailing wind conditions, they may set one or more courses that are best suited to the competition and the achievement of the highest speeds. Competitors are free to make as many qualifying runs as they can whilst the course is open; a good run normally takes around 25 to 30 seconds.

Accurate measurement of the 500-metre course and plotting of each competitor's movements are performed in software based on the recorded GPS location.

Details of the 2022 Event

The Weymouth and Portland National Sailing was the 2012 Olympics sailing venue and has all the facilities of a world class sailing club, refreshments are available throughout the day. There is adequate parking for cars and trailers. Campers and motor homes are allowed on the site. For people who want to camp on the site it is important that arrangements are made with the Academy, telephone 01305 866000. Local by-laws, which limit the area for camping, are strictly enforced and the instructions given by the WPNSA must be followed.

Motor vehicles and trailers should be kept in the designated car parking areas. Slipways must be kept as clear as possible and launching trolleys moved to the boat park.

Insurance

All competitors must have third party insurance cover for £2,000,000.

Briefing

All competitors must attend the 09:30 briefing and must, before going on the course, ensure that they have been briefed by one of the course managers and made aware of any safety instructions pertinent to that day.

Safety

If you intend to go on the water, ensure that you have adequate protection from the weather. Life jackets or buoyancy aids should always be worn when on the water. Only buoyant weight jackets are permitted. Always remember to look out for people in the water and if you see someone check that he or she is not in difficulties - do not assume anything. Safety must be of paramount importance. If someone falls overboard from a boat or is seen to be in danger, then everything stops until he or she is rescued.

At the race office, the launching areas and all rescue boats there will be someone with a radio and a telephone. If you are aware of any safety problem, report it to them promptly.

When you go on the water take your Tally Band from the race office and when you come off the water return your Tally Band promptly.

Photographs

Photographs and video of the event will be taken by several photographers who will be present throughout the week. Competitors entering the event provide their consent to the use of any images in which they may feature.

Vests

To distinguish Weymouth Speed Week competitors from other people on the water you will be asked to wear a Weymouth Speed Week rash vest. These will be available from the event office; a £20 refundable deposit will be required.

Support Boats

Competitor's support boats are included in the entry fee. However, all boats need a receipt to be shown to the Portland Port 'traffic warden' if you are asked to do so. If you require a receipt, they will be available from the event office.

The Courses

Courses are set each day and are announced at the morning briefings.

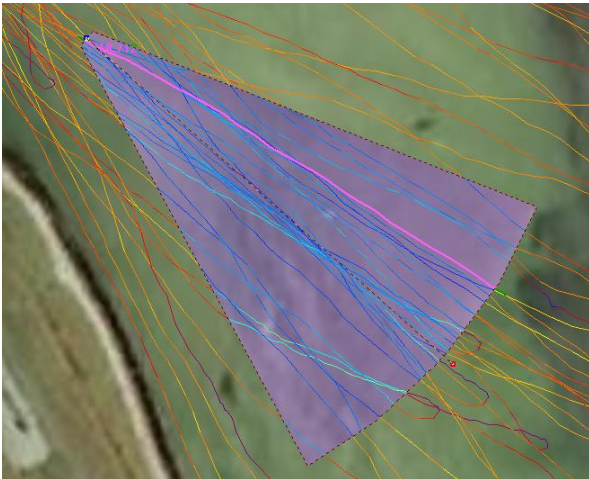
The start line is defined by anchored buoys that will display the course open/close flags.

Beach Course

When using a beach course, the inner buoy may be sat on the beach, depending upon tides, and the outer buoy may be several 100m out. As the competitor crosses this long start line a start point is defined from which they can sail their own course angle until they have sailed a straight-line distance of 500m. In this way a catamaran could sail a square course whilst a kite may wish to sail a much broader course. For both competitors they sail exactly the same distance, irrespective of their course angle or where they crossed the start line. At the end of the course a line of pyramid buoys is positioned to indicate a distance just in excess of 500m as a visual guide to competitors on the course.

Harbour Course

On the harbour course a narrow start gate is used, as in the diagram below.



The end of the course is defined as an arc from the point where the competitor crosses the start line (this is done accurately by software when calculating the results). An arc of pyramid buoys is positioned just in excess of 500m as a visual guide to competitors to see when they have completed the course.

It's in your interest to keep sailing fast well beyond the course end marker buoys to ensure the best possible run speed is obtained. Competitors must continue beyond these course markers, so they can safely turn and return to the start line without impeding other competitors. It is NOT acceptable to go up the active course the wrong way; competitors will be warned and if necessary, removed from the competition if they do this.

On a beach course, kite boarders have the option of walking back along the shore.

These courses have several advantages:

- wind shifts of 20 degrees or so can be accommodated
- different types of craft can sail on their individual fastest wind angle
- competitors sailing different angles to the wind will safely diverge

Sessions

The course(s) are scheduled to open at 10:00 and close at 16:00. Exceptions to this are the first day of Weymouth Speed Week when the course(s) open at 11:00 and when the course will close earlier to allow for prize giving.

If exceptionally good conditions are being experienced the organisers will endeavour to take advantage of these by extending the normal session a further 30 or 60 minutes – In this event yellow flags will be prominently flown by the rescue boats which will endeavour to signal to all on the water, in addition Tannoy announcements will be made in the launch areas and by the Zello app. Similarly, if the forecast winds and tides look exceptional then an early morning start may be declared, check the event notice board before leaving the academy each night.

Flags

The meaning of the flags flying on the course buoys or rescue boats are as follows:

- **Red** flag - the course is closed.
- **Green** flag the course is open.
- **Yellow** flags flying means that the course is staying open beyond the advertised time.

Definitions

Craft Types

Sailboard Fleet, Craft definition:

- has a sail, or sails, with a pivot at the base attached to the board such that the rider supports the sail. May or may not use foils.

Kiteboard Fleet, Craft definition:

- propelled by kite(s) with lines attached to or held by the rider who then stands on a board. May or may not use foils.

Wingboard Fleet, Craft definition:

- has a wing attached to or held by the rider who then stands on a board. May or may not use foils.

Boat Fleet, Craft definition:

- anything that sails which is not defined above. It may have sails, kites or rotors to propel it and only uses non-stored wind energy as the power source.

Craft Type Sub Fleets

Due to the large number of competitors and to encourage competition, the following classes are sub-divided as follows:

Sailboard

Status: Amateur

- has no sponsorship and receives no financial support from others e.g., their employer or local shop.
- and hasn't won an Amateur prize at Weymouth Speed Week before.
- and does not race regularly.

Status: Gold Fleet

- has won an Amateur prize at a previous Weymouth Speed Week competition.
- or receives some assistance from a sponsor, such as discounted equipment or financial support, to attend events.
- or they race regularly.

Status: Pro Fleet

- someone who derives financial benefit from taking part in the sport, e.g., is a paid instructor, paid by sponsors or promotes their own products.
- has won the top prize in the Gold Fleet.

Status: Women's Fleet

- all women sailboard competitors excluding those in the Pro-Fleet.

Kiteboard**Freeride**

- has no sponsorship and receives no financial support from others e.g., their employer or local shop
- and does not use specialist race equipment.
- and does not race regularly.

Open Class

- uses specialist race equipment.
- or someone who derives financial benefit from taking part in the sport, e.g., is a paid instructor, paid by sponsors or promotes their own products.
- or they race regularly.

Youth Fleet, Definition:

- Less than 18 years on the 31st of October.

Note: The Youth Fleet competition is during the weekend only and concludes when prizes are awarded on the Sunday evening.

First Time, Definition:

- Hasn't competed in Weymouth Speed Week before and qualifies to enter in the Youth, Amateur, Freeride or Wingboard Fleets or,
- The boat hasn't previously competed at Weymouth Speed Week.

Prizes

There are four 'traditional' Weymouth Speed Week prizes each day. These are engraved tankards donated by the Amateur Yacht Research Society and are for the fastest Boat, the fastest Sailboard, the fastest Wingboard and the fastest Kiteboard each day. These are presented the following morning at the 09:30 briefing. In addition, sponsors are presenting prizes that will be awarded at the end of the week and to the Youth Fleet following their two days of competition. These will include as a minimum:

- First Time Sailboard – 1st Prize
- First Time Wingboard – 1st Prize
- First Time Kiteboard – 1st Prize
- Amateur Sailboard Fleet – 1st 2nd 3rd Prizes
- Gold Fleet Sailboard – 1st 2nd 3rd Prizes
- Pro Fleet Sailboard – 1st Prize
- Women's Fleet Sailboard - 1st Prize
- Freeride Kiteboard Fleet – 1st Prize
- Open Class Kiteboard Fleet – 1st Prize
- Wingboard Fleet – 1st 2nd 3rd Prizes
- Boat Fleet – 1st Prize
- Overall Fastest Kiteboard – Trophy
- Overall Fastest Wingboard – Trophy
- Overall Fastest Boat -Trophy
- Overall Fastest Sailboard – Trophy
- Overall Fastest Lady – Trophy
- Overall Fastest - Trophy

Use of GT-31 GPS Units

At Weymouth Speed Week there are two options - a) use you own unit or b) rent one from the organisers.

a) If you are using your own unit then the following applies:

1. Before the event check the firmware and check if an update is necessary, then check the settings.

See www.weymouthspeedweek.com/index.php/eventinformation/gt31-settings

2. Ensure the unit is fully charged and you are sure it is able to write data to a good formatted 2 Gb SD card.
3. Turn on the unit and leave outside for 10 minutes before going on the water.
4. Go sailing – **Do not turn the unit off during the day.**
5. Bring the unit back to the "data collection point" No later then 30 minutes after the course closes. **Return the unit still switched on, and in its waterproof bag.**
6. WSW will turn the unit off and read your data.
7. The unit and SD card will be returned to you along with your waterproof bag. It is your responsibility to charge the unit and ensure sufficient memory capacity remains for the next day.

b) If you are renting a unit then please read the following:

1. Bring a deposit for £150 (a cheque made out to "Weymouth Speed Week") this is fully refundable. The cost to rent a unit and Aquapac will be £30tal for the week.
2. Collect the unit each morning from the "data collection point" The GT-31 will have been prepared, turned on and placed in an Aquapac ready for your use.
3. Go sailing - **Do not turn the unit off during the day or open the waterproof bag. The water proof bags are fragile and will leak if dropped or dragged on the ground. Please be careful!**
4. Bring the unit back to the "data collection point" No later then 30 minutes after the course closes. **Return the unit still switched on and in its waterproof bag.**
5. WSW will turn the unit off and read your data.
6. WSW will charge the unit overnight and prepare it for use the following day.
7. Don't forget to return the unit and collect your deposit before leaving Weymouth.

Results

The results are reviewed and approved by the official adjudicator whose decision is final. As Weymouth Speed Week is not controlled by any other organisation or governing body, any decisions taken by the committee are final and not subject to review by third parties. The ISWC, UKWA and BKSA will separately adjudicate any results utilised by these organisations.

Results are processed based upon the contents of the GPS Data files recorded by each competitor's GT-31 Data Logger and with the published gates; the position of which is defined by the use of the same GT-31 technology.

The Organisers are not responsible for the quality of the data recorded by the GT-31 and any variances or exclusions caused by loss of satellite signal. We have seen a number of GT-31 specific issues that can affect the amount and quality of data recorded.

It is always in your best interests to ensure that your GT-31 is in good working order prior to sailing. This includes, but is not limited to the following:

- that the SD card is of a size recognised by the unit;
- DO NOT rely upon the internal memory of the data logger; the internal logging is a backup against card failure;
- that the SD Card is formatted by, and properly recognised by the unit;
- that the unit is fully operational, including the toggle button;
- that the battery maintains charge and starts the day with a sufficient level of charge to last throughout your sailing day;
- that the unit acquires multiple satellite locks and maintains a high-quality signal at all times;
 - a minimum of 5 satellites is required (the more satellites the unit can lock onto, the higher the signal quality)
 - the maximum Horizontal Dilution of Precision is 5 (higher HDoP values indicate a lower quality signal and less accurate positional data).
- that the unit is worn in a way during sailing that maintains a good and strong satellite signal;
- that the unit is always used within a good waterproof pouch whilst sailing.

Itinerary for the Week

Saturday 15th October

- Briefing 09:30
- Course(s) opens 11:00 close 16:00.
- 7:30pm at the WPNSA - 70's Party Night including food - free entry for all competitors £18 for additional tickets. Tickets can be purchased from the OTC or online at <https://fareharbor.com/embeds/book/otcwatersports/items/410062/calendar/2022/10/?flow=506447&full-items=yes&back=https://otc-watersports.com/>

Sunday 16th October

- Briefing 09:30
- Course(s) opens 10:00 close 16:00.
- 18:00 Youth Prize giving.
- From 7pm - The Marquis of Granby, 387 Chickerell Road, Weymouth, DT4 9TW. Tables will be set aside for Weymouth Speed Week competitors and partners.

Monday 17th October

- Welcome & Briefing 09:30
- Course(s) opens 10:00 close 16:00.
- Skittles evening – Venue to be confirmed.

Tuesday 18th October

- Briefing 09:30
- Course(s) opens 10:00 close 16:00.
- ENZO's Ristorante & Pizzeria, 110 Esplanade, Weymouth, DT4 7EA, an area for Weymouth Speed Week has been booked from 7pm.

Wednesday 19th October

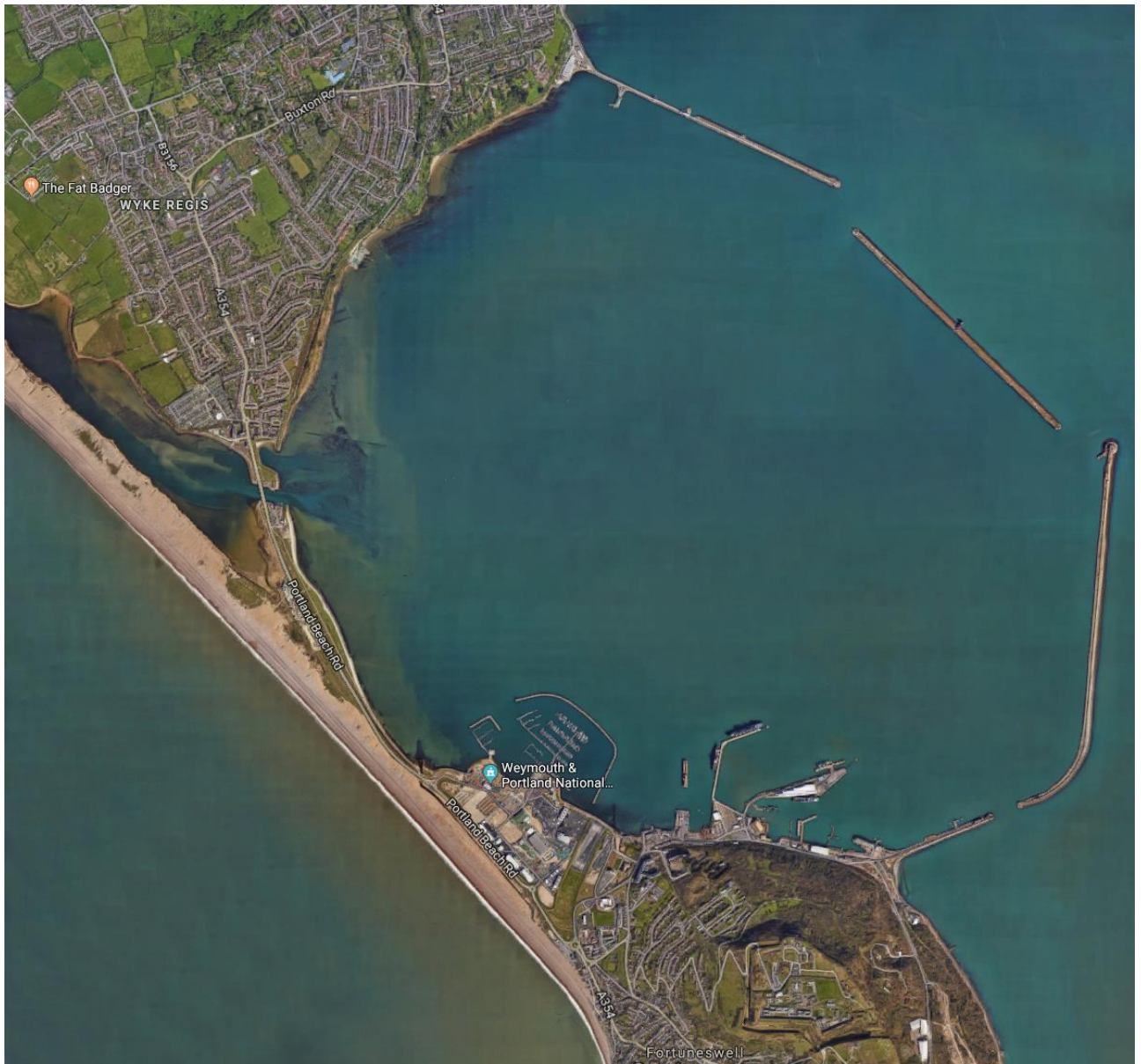
- Briefing 09:30
- Course(s) opens 10:00 close 16:00.
- Amateur Yacht Research Society evening at the Weymouth Sailing Club (at the end of Nothe Parade) in Weymouth. All welcome. Bar open from 7pm

Thursday 20th October

- Briefing 09:30
- Course(s) opens 10:00 close 16:00.
- 7pm The Fat Badger, 90 Camp Road, Weymouth, DT4 9HF.

Friday 21st October

- Briefing 09:30
- Course opens 10:00 close at 16:00 or earlier if conditions are not improving.
- 18:00 (or earlier) Grand Prize giving - WPNSA main restaurant/meeting room.
- Galley Bistro, Hope Square, Weymouth, DT4 8TR. Book in with Norman & pre order please for this evening.



Zello

We use the Zello app to communicate during the week. It enables you to have all announcements sent to your phone so that you never miss anything. Download the app and join the Wsw18 network.

