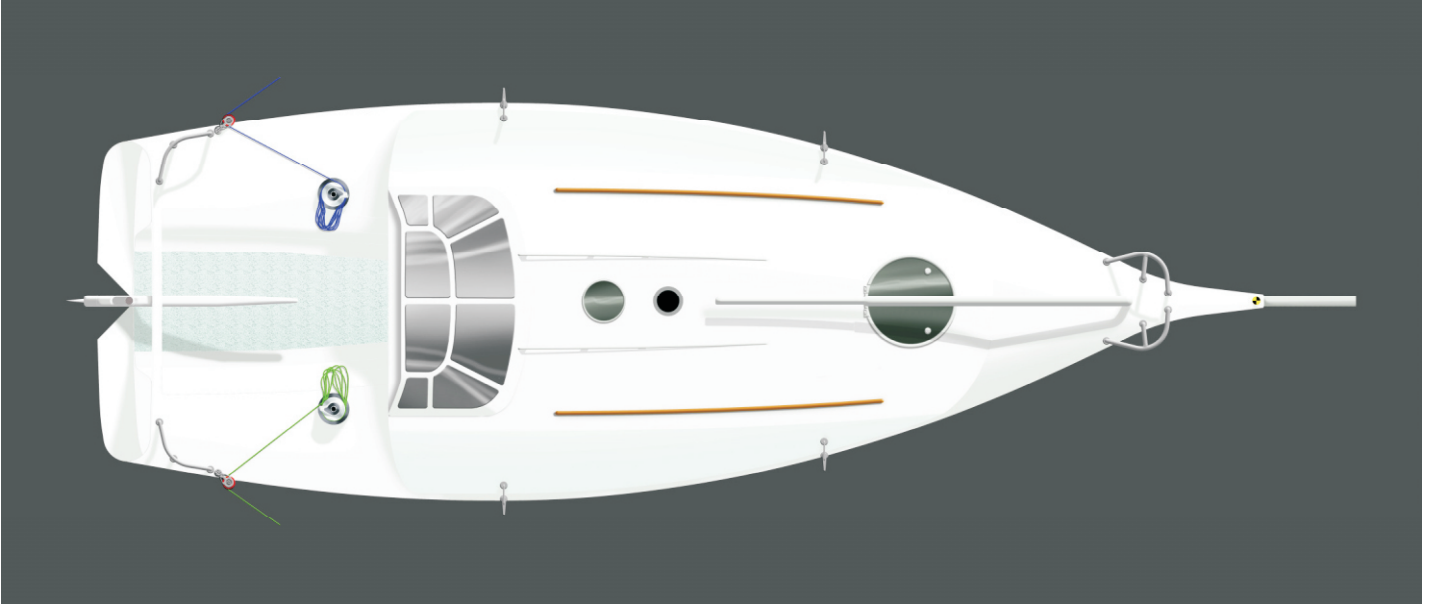


2013 - YAZYKOV 7M



2013 - YAZYKOV 7-METRE

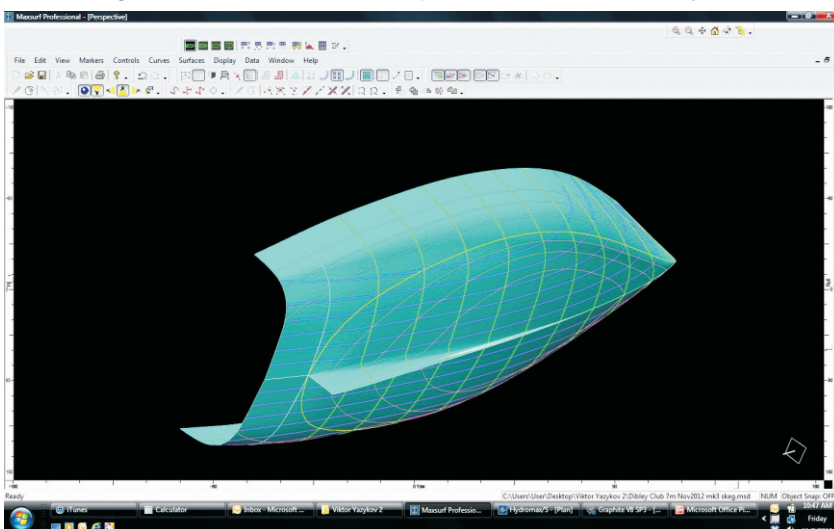


Russian Solo Sailor, Viktor Yazykov, has had a colorful and exciting life, and has been involved in yachting for most of it. Having co-designed his Open 40 'Wind of Change' and raced her in the 'Around Alone' Race in 1998/99, he followed up with designing and building his own 33-foot, 'Daughter of the Wind' which he is half way through another solo circumnavigation on. Viktor now wants to pass on what he has learned to a new generation of solo sailors.

He has started a new venture called 'Ocean School', which will show people how to create something with their own hands, in the form of building their own yacht. Viktor will then take them under his wing and teach them the philosophy and knowledge to solo sail their own creation.

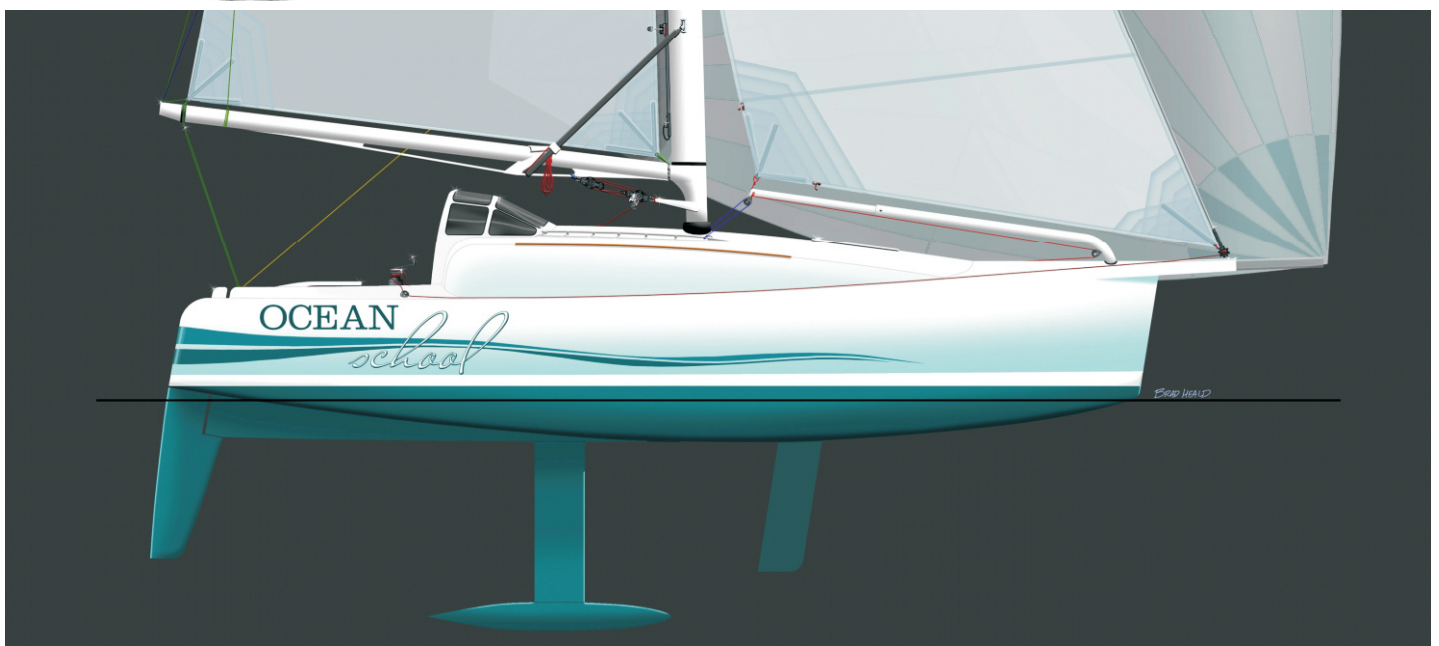
Over the years, Viktor has had a lot of feedback from people who have been very busy on the business side of their lives, and as a consequence have lost the enjoyment and simplicity of what life can be about. Their jobs are consistently demanding and their stress levels are high, so to find that balance again has been important for those that have backed Viktor in this new adventure.

The design that Viktor has come up with is called the Yazykov 7M. This yacht has been specifically designed for the solo sailor. Simplicity is the key and all systems are kept to the minimum. The majority of the sail handling can be done from the confines of the cockpit. This yacht is performance orientated and the stay less carbon wing mast simplifies the set up even further. It was crucial for Viktor that the complete set up be as 'Green' friendly as possible, yet built to the highest technology. Using a combination of timber and carbon, the hull and decks will use Nano-Technology epoxy resins to create a shell that is extremely strong yet light.



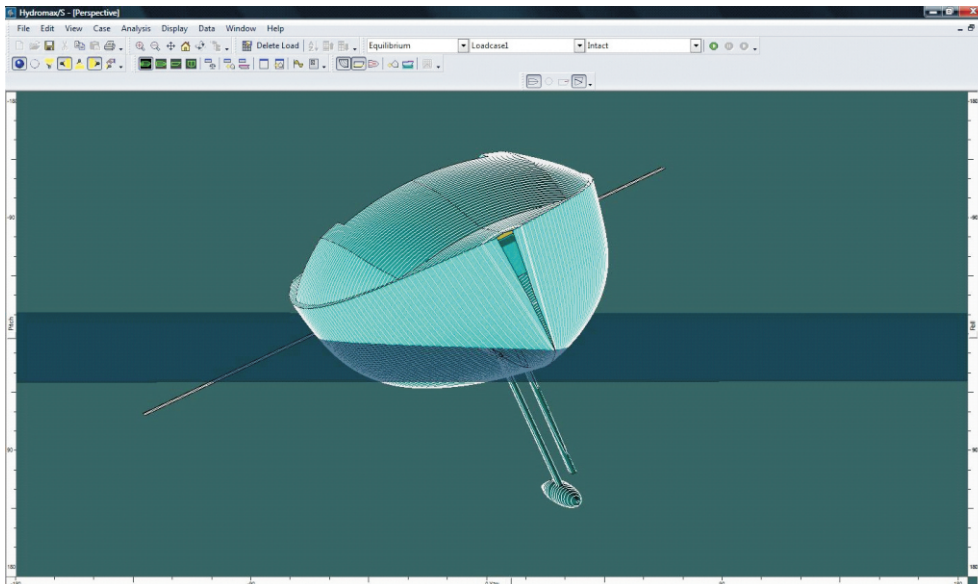
2013 - YAZYKOV 7-METRE (cont.)

Kevin Dibley has been working alongside Viktor to make sure that all the hydrostatics, Lines and stability meet the criteria that is essential for a yacht that will need to sail well balanced and at speed, for long distances. This collaboration between Yazykov and Dibley goes back quite a few years, and their skills and backgrounds compliment each other.



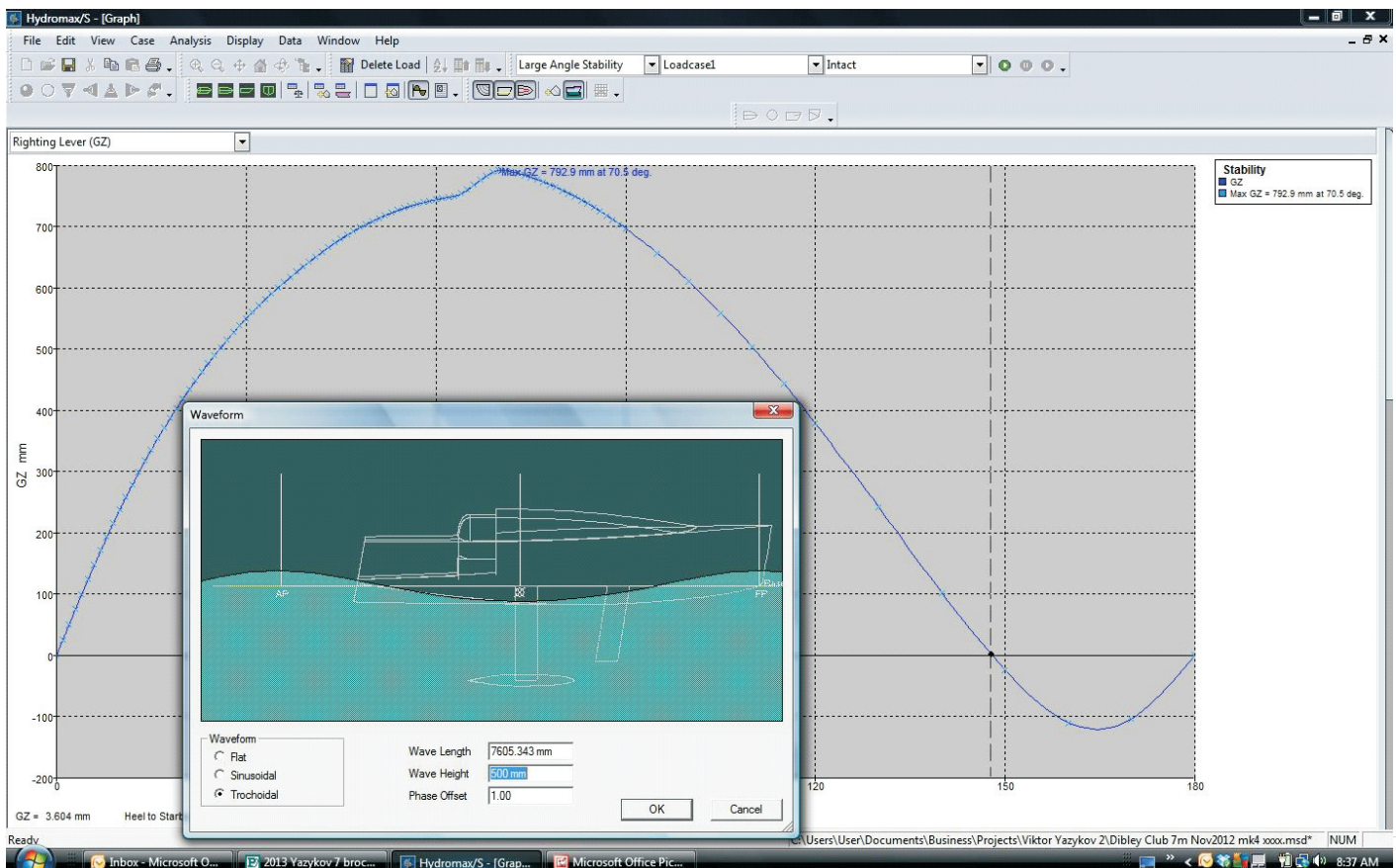
2013 - YAZYKOV 7-METRE—STABILITY

The Yazykov 7 metre has a very high stability index, with a limit of positive stability of 147 –degrees. Solo sailors have a lot to contend with when offshore, but if they know the yacht is stable and strong, then they can concentrate on the enjoyment of the moment far easier.



The Yazykov 7's ideal heel angle for on-the-wind has been designed for 18-20 degrees, which allows the highly efficient keel/bulb combination to drive the hull forward efficiently and at speed. The Carbon fibre, stayless mast and light but strong sail wardrobe allows the vertical centre of gravity to be quite low which results in a far higher righting moment than a standard production 7-metre would have.

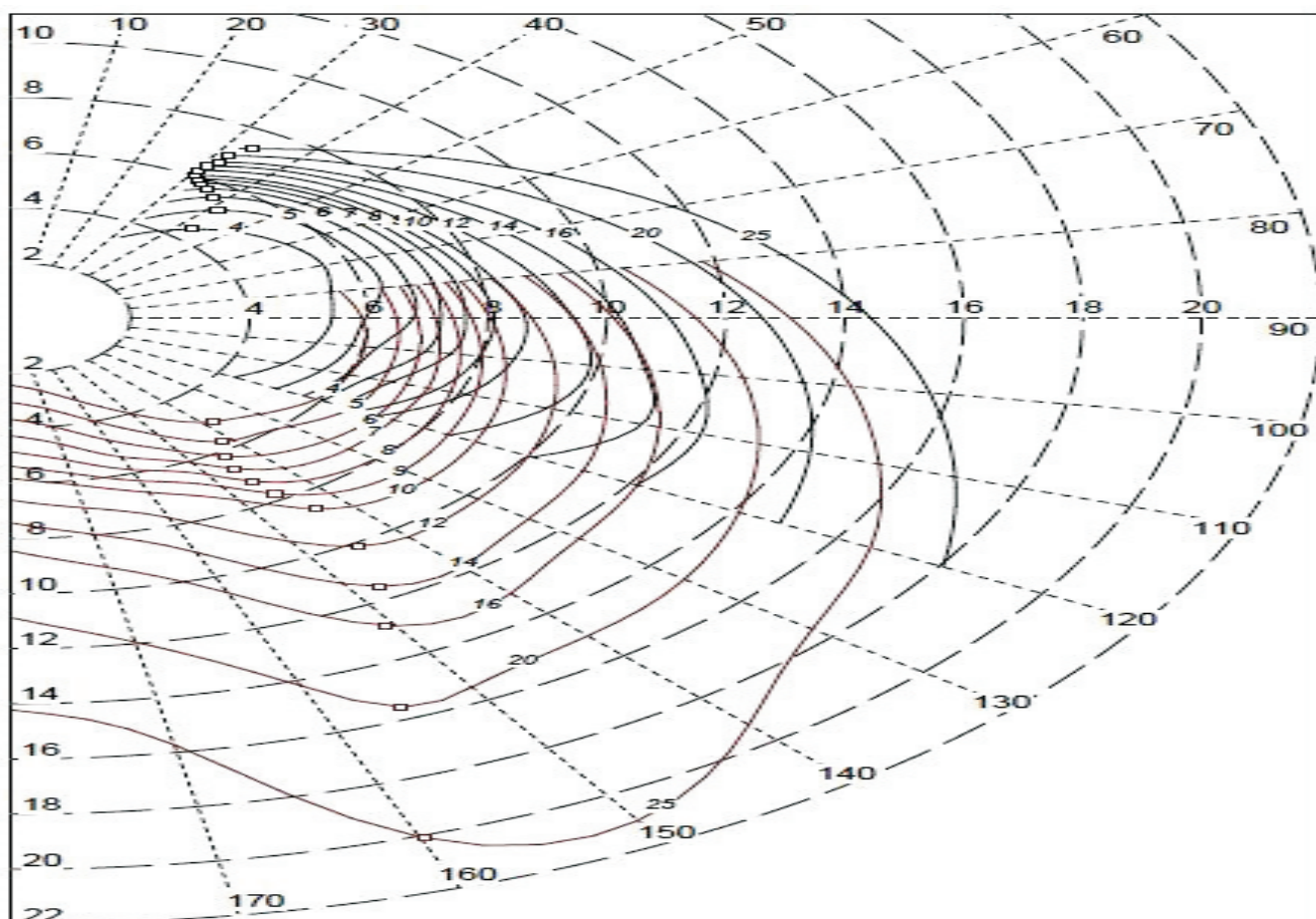
Counter balancing the mast and sail wardrobe is a Bulb that is shaped to ensure minimum drag and a low centre of gravity.



2013 - YAZYKOV 7-METRE — VPP

One of the most important tools in modern yacht design is the Velocity Prediction Program (VPP). This computer program predicts the speed, heel, leeway and many other quantities that the yacht will go through in varying wind speeds and sail sets.

We used VPP on the Yazykov-7 to work through the various hull forms and appendage options. Viktor's personal experience was also taken into account and the result is a yacht with excellent performance, with plenty of sail set options to keep the helm light with good directional stability.



Each client will have full Polar data sheets that they can use to ascertain whether they are getting the most performance out of their Yazykov-7. Depending on their sail set, or angle to the wind, the data sheets will have the ideal speed that should be aimed for, and as such the skipper will know he is making the best headway possible.

After time, most skippers will get to know their yachts performance and speed without referencing spreadsheets, but they are handy to begin with.

OCEAN

school

2013 - YAZYKOV 7-METRE — SAILS

2013 - YAZYKOV 7-METRE (cont.)



Yazykov's 33-foot, 'Daughter of the Wind' is currently in New Zealand, halfway through a solo circumnavigation. What he learned from designing and building this outstanding yacht, has been put into the design of the Yazykov 7M. Helm balance was crucial as well as multiple choices in sail configurations. Accommodation is minimal, but comfortable.

GENERAL SPECIFICATIONS:	Metric	Imperial
LOA (Length Overall)	7.425 m	24.36'
LOH (Length of Hull)	6.890 m	22.60'
LWL (Length Waterline)	6.500 m	21.32'
BEAM	2.500 m	8.20'
BWL (Beam Waterline)	2.000 m	6.56'
DRAFT	1.600 m	5.25'
DISPLACEMENT	1.250 kg's	2.755 lb's
SAIL AREA (Working)	34.21 sq.m	368.24 sq.ft
Disp/Length Ratio	127	
Sail Area / Disp Ratio	3D	



Plans are underway to have the first few yachts professionally built while the Ocean School is being set up. Further information on the yacht, and the Ocean School will be forth coming over the next few months.