



Please note we are closed on Good Friday and Easter Monday (25th to 28th of March).



Photo: courtesy of Marton Balazs (One Design Sails)



AzureProject – new release

Driving the optimisation and efficiency of the sail design process, latest version of AzureProject adds important features such as:

- ✓ **EXTRA HANDLE** option to have independent fore and aft handle lengths at the Maximum Draft position, which is a significant shaping improvement for a greater flexibility and ease.
- ✓ **DECK SWEEPER** - new options to allow design of Deck Sweeper style mainsails, which are becoming increasingly popular on catamarans, such a the A-Class.



NestFab

NestFab demo

Achieve excellent material utilization for a quicker return on investment with this automatic nesting software, which nests panels quickly and efficiently. It is now fully integrated with AzureProject.

AzureProject demo

User's view: Marton Balazs (One Design Sails)



Photo: courtesy of Marton Balazs (One Design Sails)

“AzureProject provides **all the functions** I need to make **faster** and **better sails** from the classic scerry cruisers unto the newest flying boats. The design process is **much faster** and **more precise**, our sails improved a lot since we use AzureProject and we use less prototyping to achieve a desired sail. **Our life is much better on design side and on the floor too.**

I really love how SMAR Azure manages the customers, to **develop new functions** for newer needs as the deck sweeper part. **The help from Donald and Francesco** on software handling and on newer ideas or just how to make something better **is absolutely on top.**”

Marton Balazs, One Design Sails
www.onedesignsails.com



RigEdge

Fully integrated rig design & analysis

RigEdge is a unique tool, which enables to rapidly define the rig dimensions, evaluate the sail loads on the rig and calculate the rig deformation and relative loads.

The loads at the corners and at the luff of the sails are determined as reactions in the structural analysis of the sails. Those loads are transferred to the rig finite element model to determine the loads and the displacements of the rig.

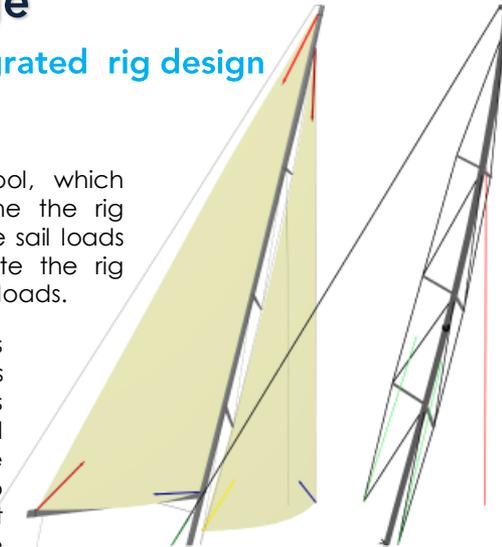


Fig.1 Corner loads

Fig.2 Deformed rig

RigEdge demo

The 22nd Chesapeake Sailing Yacht Symposium

A big thank you to Prof. William Lasher, who has presented our paper “Fully Integrated fluid-structural analysis for the design and performance optimization of fiber reinforced sails” on our behalf at the 22nd Chesapeake Sailing Yacht Symposium.



As SMAR Azure continuously develops innovative methods to design sails and rigs, we are pleased that events such the CSYS happen regularly. Printed copies of "Proceedings of the Twenty Second Chesapeake Sailing Yacht Symposium" authored by Mr. Britton R Ward can be purchased at www.createspace.com/6128937 or by clicking the image on the left.