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# An Interview With:

Jean Saintonge - Voiles Saintonge (Canada)

Jean Saintonge shares some of his exciting projects and collaborations using AzureProject - Flow, Flex and analysis tools. Jean tells us that he fully relies on the proven reliability of AzureProject and its analysis modules to deliver sturdy sails for extraordinary challenges.

[Read the full article here ... >](#)



## FRANCESCO'S CORNER: AZURE PROJECT TIPS

### What is the meaning and the effect of the "finished lengths" option?

"Finished lengths" is an important option in the sail parameters tab, it defines how the edge measurements (luff, leech, foot and head) entered on the sail parameters tab are applied to the sail.



Enabled



Disabled

When "finished lengths" is enabled/selected, the luff, leech, foot and head input lengths are imposed to the geodesic lines, which are the curved lines running from corner to corner along the surface on the shortest path. The lengths measured on the finished sail from corner to corner match the input lengths.

When "finished lengths" is not enabled/unselected, the luff, leech, foot and head input lengths are imposed to the chord lines, running from corner to corner directly on a straight line, across the volume and not on the sail surface. The lengths measured on the finished sail from corner to corner are greater than the input lengths (chord).

The "finished lengths" (the length of the geodesic lines from corner to corner) measured on the designed sail are visible on the 3D plot by enabling the "measurements" option in the "view options" panel.

If you have any questions, or you would like to know more about any features, please contact us at [support@smar-azure.com](mailto:support@smar-azure.com)

**Francesco Nasato**  
Support Engineer  
SMAR Azure



## RigEdge: Grace rig granted RINA MCA LY3 Sailing Rig certification

Thanks to Rig Edge, Rina have recently completed a new and interesting rig certification project.

The mast was built in carbon by Hall, and although she (as Flavio would describe it) is a pure "spirit of tradition" cruising yacht, the boat is equipped with a performance oriented fractional rig reminiscent of the wonderful J class of the thirties.

The structural analysis of this type of rig is certainly more demanding and delicate than a "normal" masthead rig, because for each load case it is necessary to consider the adjustments of backstay and runners as well the bending moment on the mast.

// Once again, the main advantage of Rig edge is being able to quickly switch from CFD to FEM calculations (and vice versa) within the same computational tool. This working method allows you to quickly modify the rigging tuning immediately evaluating the effects of the adjustments. //

Flavio Faloci RINA senior engineer

[watch video](#)

