Autumn is – as usual- a very exciting time at SMAR Azure: the team is preparing for the new versions of AzureProject and RigEdge to be launched at the METS and the AzureProject UserGroup meeting.
In this newsletter, Francesco Cruciani and Diego Morani, designers at the 3FL, share with us their view on AzureProject. Francesco Cruciani -one of the first AzureProject users (since 2006) explains how the accuracy and the analysis tools have helped him in developing fast, light and robust sails.
I hope you will enjoy reading this newsletter.
We look forward to hearing from you and meeting you all at the next METS.
Happy Sailing,
Sabrina Malpede

Above: **ULIKA** - the winner of the Copa del Rey in 2015
Below: **JEROBOAM** – the world champion Corinthian Barcelona 2015

All photos used in this article are courtesy of 3FL srl.

After over 10 years of exhibiting at Metstrade we are excited to announce that we have finally moved to **Hall1 !** You can visit us at our stand **01.275**.
Register free of charge until 7th November 2016 to get your pass – link here .

Lunatika NTT Data: the 3600 Sun Fust offshore ORC & 2 times Italian champion for two seasons

AzureProject: user's experience

Francesco Cruciani & Diego Morani
Tre Effe Elle srl, www.3fl.it

At Tre Effe Elle, we focus on the development of fast racing sails.

For almost 10 years, we have been using **AzureProject**. We highly appreciate its accuracy in designing sails. It allows us to design precisely the sail plan and deck layout, as well as the hull. All measurements are consistent with our observations made on the boat. An important factor for us is its precision when designing a sail shape and its optimum shape.

We design fast, light and robust sails. **This would not have been possible without the analysis tools provided with AzureProject** and also CFD - Ranse.

At Tre Effe Elle, we use heavily all its analysis tools (aerodynamics, structural & aeroelastic) **to ensure our final sail is light, strong and fast!**

Besides that, we are constantly open to innovation. We have worked on many innovative projects, for instance having **AzureProject** has allowed us to calculate the loads and deformations on sails, when made of unusual materials, such as basalt.

Over the years, we have developed several successful sails with **AzureProject.** To name just a few: Lunatika NTT Data (see picture above): the 3600 Sun Fust offshore ORC X 2 Italian champion for two seasons; a few Swan 45 (pictures on the side); Ulika – the world champion Corinthian Barcelona 2015; Jeroboam, the winner of the Copa del Rey in 2015, Durlindana, the winner of the ARC in 2015, Vahine '7 (First 45), Luduan (Grand Soleil 46) winner of the trophy Silver Coast and the regatta and Gavitello D'Argento.

Furthermore, AzureProject has helped us starting several partnerships.

The latest one is in collaboration with the University of "Roma Tre" and a third Company to look at membrane deformation with innovative techniques used in aeronautics.

All this has been made possible thanks to the direct relationship with the AzureProject developers, who has dependably helped us in our needs and addressed our inquiries."

AzureProject demo – CLICK HERE

AzureProject – latest release

The newest AzureProject, which has just been released brings few major enhancements such as **improved support for eastern language character sets** and further improvements for **Ultra HD displays** that will allow correct displaying of UI elements on very high resolution screens.

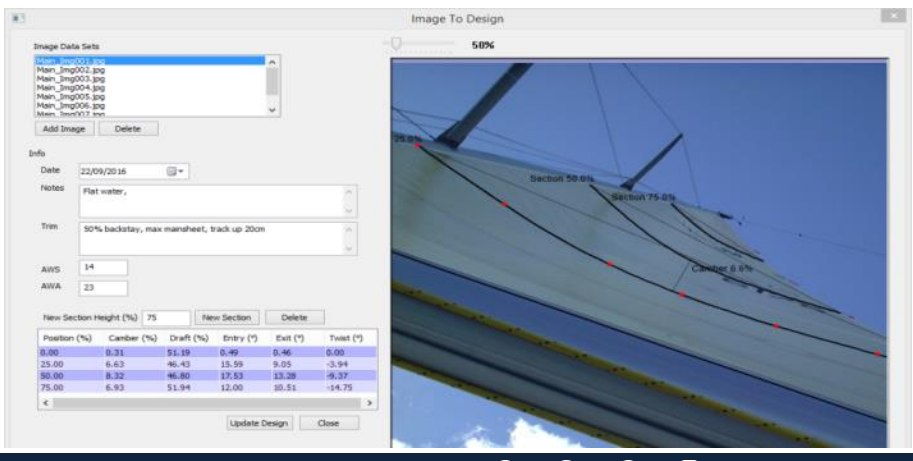
Focus on Img2Des - AzureProject add-on

Img2Des tool allows capturing the shape and twist of draft stripes of a flying sail shape from any digital picture or image of a sail.
The measured data can then be directly used to create an AzureProject design file, which can be compared with an initial sail design and/or with a flying sail-shape calculated using the analysis tools available in AzureProject.

When having the Img2Des , you can have multiple images associated with a sail design and keep all the data in one place!

You can add and measure multiple image for a single design, maybe in different sailing conditions, or trying different rig tensions etc.

These are **all then kept with the design and accessible from the design at anytime later making it easier to review and improve designs over time.**



Azure Project User Group meeting

AzureProject users from around the world will be meeting at METS 2016 for the 6th time to discuss current and future development of the software.
This event has now been FULLY booked.

NestFab

NestFab is a high-performance nesting tool fully integrated with AzureProject, which means AzureProject users can simply nest panels and patches in one click.
See how: LINK HERE

NestFab demo – CLICK HERE

For more information please CONTACT:

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