



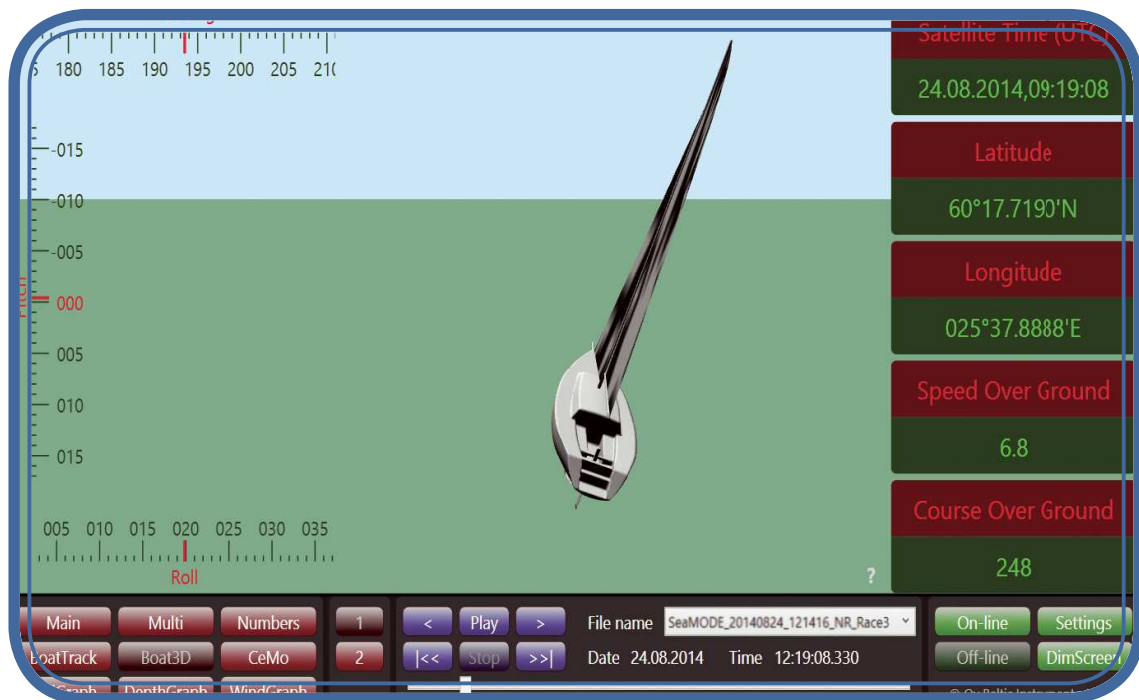
## 8mR Luna

Luna is a classic 8mR yacht built in accordance with Charles E. Nicholson's drawings from 1930. Her sister ships "Vision," "Cutty Tou" and "Suzette" were completed in 1930 at Camper & Nicholson's shipyard in Gosport, England.

The consortium Harri Roschier, Jyri Kuivalainen and Markus Roschier commissioned Luna from Shipyard Absolute in Portugal in autumn 2010. The boat was launched for the first time in March 2012. Luna has been built using traditional methods and largely in accordance with the original drawings. Deck hardware, gear, sails, backstays and spinnaker are modern, so this makes it a so-called Sira-boat. Luna has participated in the World Championships in 2012 Cowes in England, 2013 in Helsinki, 2014

in La Trinité in France, and in 2015 in Geneva in Switzerland. With one exception, Luna has ranked second in the Sira-class. In addition, the boat has participated in the Finnish 8mR ranking series, with outstanding results.

The core crew members since the beginning have been Harri Roschier (skipper), Jouni Seppi (mainsail), Hanna Westman (running backstays and spinnaker inhauls), Niko Roschier (genoa and spinnaker), Markus Roschier (pit), Jyri Kuivalainen (mast) and Salla Kavén (bow). In 2014, the mainsail trimmer was Matt Hogdson. In 2015, the bowman is Kimmo Viljamaa, and with Timo Meras, he has been the team's back-up for the few last seasons.



The SeaMODE™ Speed Lab Software collects the data from the SeaMODE™ MD100 motion detectors, processes the data and presents its as graphical information. Shown here is one of the many dashboards available to choose from.

## 8mR Luna using SeaMODE™ Speed Lab for performance improvement

Since 2014, 8mR Luna has used Baltic Instrument's SeaMODE™ Speed Lab system for post analysis of training sessions and races with the aim to improve sailing performance. A particular interest has been to investigate how their tacking and upwind performance can be improved. The objective has been to find the correct timing of the phases during tacking, in various wind conditions. The aim is to reduce time and momentum loss during tacking. The accumulated savings in tacking times can already, as such, translate to a significant reduction in the total sailing time. The improvement in tacking performance also lowers the threshold for the team to utilize wind shifts. In a race, the greater than expected reduction in aggregate sailing time due to improved upwind tacking performance greatly improves the chance of winning!

More info on 8mR Luna and the team can be found at:  
[http://www.lunasailingteam.fi/1st/8mR\\_%22Luna%22.html](http://www.lunasailingteam.fi/1st/8mR_%22Luna%22.html)  
<http://www.8mr.fi/vene.php?vene=FIN-17&k=225609>

Photographs and other information on Luna's construction process can be found at:  
<http://lunasailingteam.fi> and  
<https://www.facebook.com/LunaSailingTeam>

Read more about SeaMODE™ Speed Lab at:  
[www.baltic-instruments.com](http://www.baltic-instruments.com)

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