

AdrenaPro

Perfect configuration for pro inshore racing.

Essential for enhancing your performance in high-level racing, it is equipped with extra features compared to Standard Range and with all the OptimaPro functions to offer sophisticated tools for route analysis, creating Sailect and speed polars.

For regatta

It calculates different assumptions to reach the line: direct, tacking, gybing, following a layline. The rotation and acceleration timing are integrated in the time to the line and laylines calculations.

A windward/leeward course can be set with different options: gate, position of the start, number of turns...

Polars

It manages 3 polars : departure, navigation and performance.

They can be adjusted during the race. If you consider to be at right target speed, the software can calculate the percentage to apply to correct the polar regarding the current boat's speed.

Multimedia

It is possible to synchronise multimedia content (photos, videos and sounds) in real time. They can be used to illustrate the tracks, Roadbook, Sailect or Trimbook for even more detailed records of your sailing.

It is also possible to integrate images directly on the chart.

Tracks and tracks analysis

Thanks to OptimaPro integration, all the tracks analysis functions are available.

You can also analyse the loss when tacking, gybing, manoeuvring, integrate and synchronize external data into the tracks (sensors, records)...

AdrenaPro Offshore

All the know-how of ADRENA.

The most comprehensive version we offer, AdrenaPro Offshore will meet the needs of a professional team on international projects both during the pre-season work-up of a boat and also during the races themselves - for planning starting strategy, course management and course planning.

Video creation on routings

This function is useful in sailing mode, as well as when simulating a route, and during the trainings.

In routings, the video enables to study in details the expected boat's progression in the weather systems, to replay step to step, forward and backwards...

For the trainings, it is a main pedagogical tool that enables to display and record the most interesting strategical situations.

Managing performance of multi-core CPU

ADRENA is managing the latest technologies by using the power of the new multicores CPU to accelerate the routing calculations.

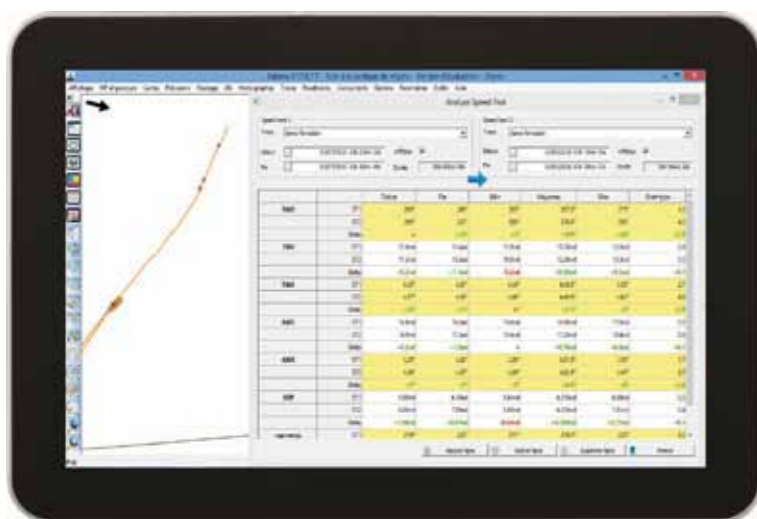
Communication with the shore

All data received by the navigation unit could be transmitted to the shore.

Thus a router knows the current sailing conditions and the boat can be compared to GRIB files to readjust the route and send a route from the shore to the boat.

Micro-routing on laylines

It enables to know, on a leeward or a windward leg, what is the best side of the square and the time difference expected between the route « max on right side » and the one « max on left side ».



« As a navigator, it is a big research job to gather together all the pieces that will help to elaborate strategies at sea: having the roadbooks with the currents or the wind expectation... »

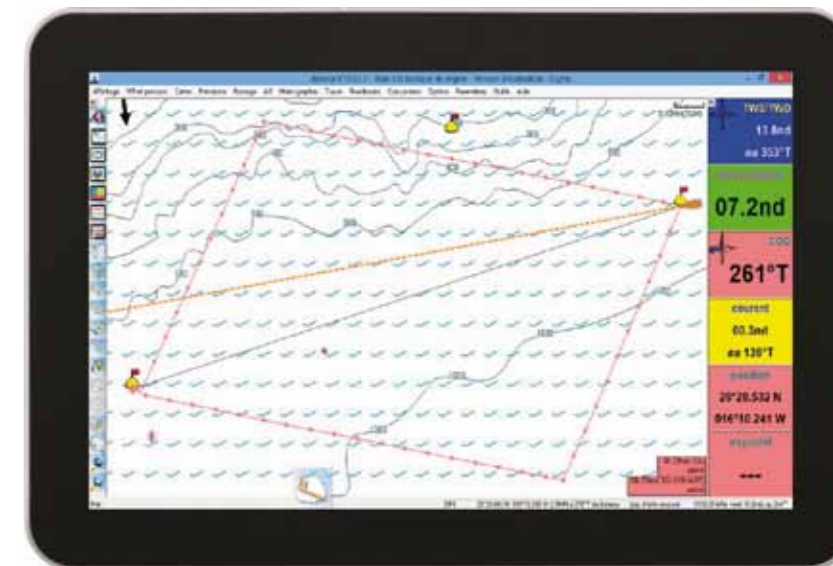
Jean-Luc Nelias, navigator on board Groupama 4, Volvo Ocean Race winner 2011-2012

KEY FEATURES

- Adrena & OptimaPro functions
- Touch screen mode
- Integration of external current atlas
- Calculation of tuning speed and acceleration of the boat
- Time to the line taking into account all manoeuvre
- Calculation of average wind
- Management of a leeward gate
- Differentiation between polar and polar performance
- Adjustment of polars while sailing
- External data integration in the tracks
- Track analyse for loss when tacking and gybing
- Multiple replay
- Distance between several points : time according to polar and TWA.

KEY FEATURES

- AdrenaPro & Adrena Offshore functions
- Video creation on routings
- Micro-routing on laylines : « best side of the race square »
- Managing performance of multi-core CPU
- Multiple routings on statistic Grib
- Multiple routings on ensemble prediction.



« I use intensely the function « create a video » in my weather and strategic roadbooks to build a data base that will enable the competitors to compare the real situations to the reference situations with known characteristics. »

Jean-Yves Bernot, meteorologist, navigator, routeur