

Robotic sail mark is the game changer for all race committees

After final tests, the Hamburg-based start-up SMARTMARK starts serial production of its autonomous regatta buoy. Result of the tests: all expectations fulfilled in all weather and wind conditions.

Behind a perfect regatta is a lot of time and work. The optimal course must be found and precisely laid out. Everything has to be done quickly. Sailors don't like to wait.

But often it does not go fast. It starts with small misunderstandings over the radio, when they say: „windward mark 50m to the right!“ And the answer is: „Your right or my right?“ Once the course is laid, the wind shifts. Instead of the starting signal, the abort signal sounds. The race committee has to adjust the course. Let's hope that at least the water depth plays along. If the water is deeper than 20 meters, moving the course will be a feat of strength.

The Hamburg-based start-up SMARTMARK now makes sure that race committees can concentrate on what they enjoy doing: racing.

Specify basic information on the user-interface.

At the touch of a button the marks move independently to their pre-determined locations and hold that position precisely until the next command.

State-of-the-art GPS and sensor technology ensures the highest level of precision and smoothness of running.

Two integrated electric motors are powered by advanced lithium-ion batteries. One hundred eighty ampere hours guarantees long and reliable performance - even under tough operating conditions.

In November, the buoy was able to prove that it keeps its promise even in currents and strong turbulence during a test on the tidal river Elbe in Hamburg.

Further tests in strong swell and wind speeds of more than 30kn the Smartmark passed with ease on the Flensburg Fjord.

Smartmark enables high efficiency in all areas of mark-laying and delivers superior environmental sustainability.

More information:

www.mysmartmark.com

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Facebook: [SMARTMARK GPS Buoy](#)

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