

OLYMPIC GAMES 2016

CURRENT FORECASTS FOR THE SAILING GAMES

The Olympic Sailing Competition 2016 took place in Guanabara Bay, Rio de Janeiro, Brazil. Following the good experience during the Olympic Games 2008 and 2012, and the World Championship of 2010 in Scheveningen, The Netherlands, Svašek Hydraulics has again provided current forecasts for the Dutch sailing team for the Olympic Sailing competition 2016.

To provide accurate current predictions Svašek Hydraulics has used its in-house developed existing numerical flow model FINEL2D. A model schematisation was set up for Rio de Janeiro and its surroundings. Local grid spacing is adjusted in the sailing area to obtain detailed current patterns in the area of interest.

To calibrate the model, current measurements have been done by Svašek Hydraulics. These measurements have been performed with

an ADCP, fixed to a vessel. Both velocity and direction of flow over full water depth have been measured. The FINEL2D current model has been successfully validated with the obtained current data.

With the validated model Svašek Hydraulics has provided current forecasts at a ten minute interval during the Olympic Sailing Games of 2016. These forecasts assisted the Dutch team to win two gold medals during the Olympic Games 2016.

CLIENT

Dutch Olympic Sailing Team
Watersportverbond

LOCATION

Rio de Janeiro, Brazil

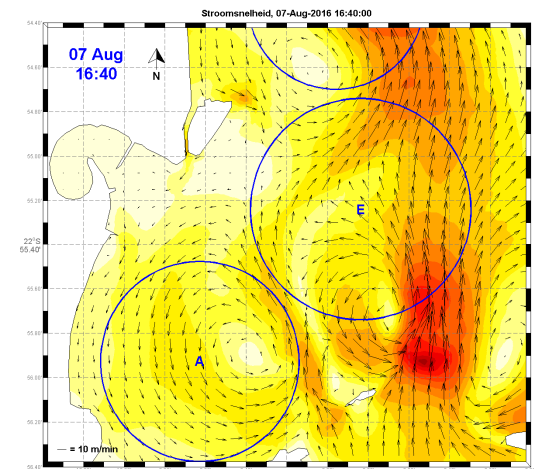
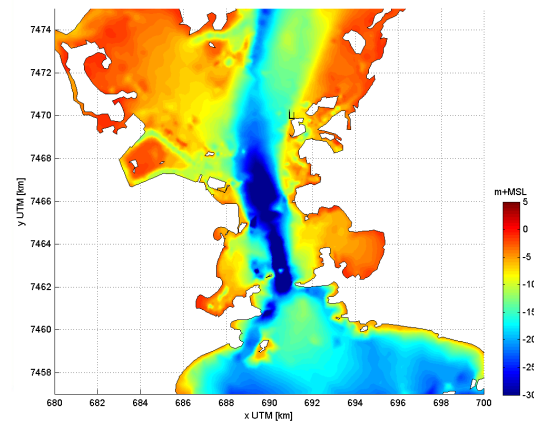
DATE

2013-2016

SERVICES

Specific current forecasts

Survey



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