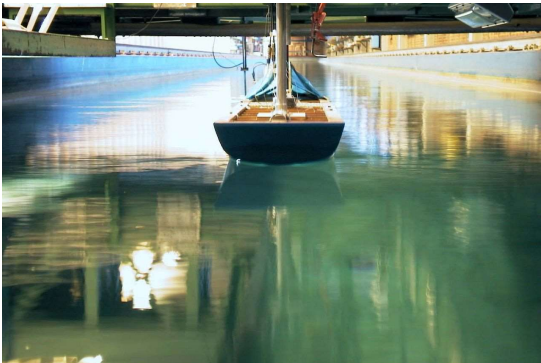


Towing Tanks No.1 & No.2 (TUDelft)



No.1

Length: 142.00 m, Width: 4.22 m, Max water depth: 2.50 m, Wavelength: 0.30 - 6.00 m, regular and irregular. Carriage: Manned, motor driven (in 2008 refitted with new motors and drive system with laser aided positioning), Max speed: 7.00 m/s

Capabilities: Horizontal and Vertical PAM can be fitted. Wavemaker type: Flap type, electronic/hydraulic
Tests performed: Resistance in calm water and waves. Motions and accelerations of fast ships in waves. Open water propeller tests. PAM-test on floating and submerged bodies, foils etc. Forced oscillations in six degrees of freedom. Wave induced motions and loads on ships and floating and moored structures. Slamming phenomena. Upright and heeled sailing yacht tests. Feasibility studies for design concepts



No.2

Length: 85.00m, Width: 2.75 m, Max water depth: 1.25 m, Wavelength: 0.40 - 6.50 m, regular and irregular. Carriage: Manned, motor driven, Max speed: 3.00 m/s

Capabilities: Wavemaker type | Flap / piston type, electronic/hydraulic

Tests performed: Resistance in calm water and waves, Open Water Propeller test, Wave induced motions and loads on ships and floating and moored structures, Upright and heeled sailing yacht tests, Shallow water effects