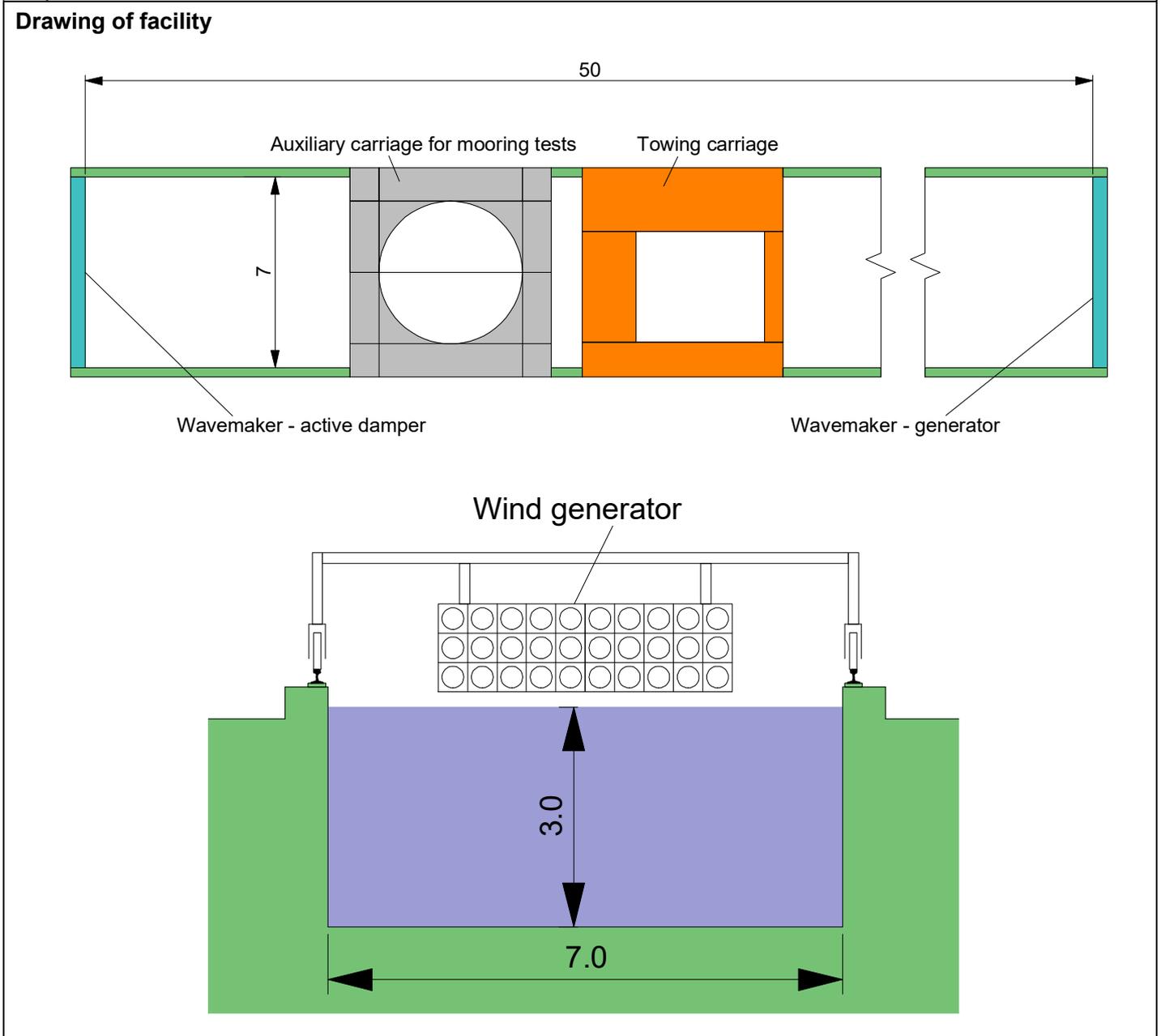


Name of organization Centrum Techniki Okrętowej S.A. (CTO S.A.)	Year of information updating 2019
Year established 1971	Year of joining the ITTC 1973
Address 65 Szczecińska St., 80-392 Gdańsk, Poland	Status in the ITTC Advisory Council member
Contact details Tel. +48 58 511 63 17 Fax. +48 58 553 16 43 modbas@cto.gda.pl	Website www.cto.gda.pl

Type of facility Towing tank	Year constructed/upgraded 1973/2015
Name of facility Shallow Water Towing Tank/Offshore Laboratory (Towing Tank No. 2)	Location (if different from the above address)

Main characteristics
Length: 50 m
Width: 7 m
Depth: 0 ÷ 3 m



Detailed characteristics

Tank carriage: maximum speed 4.5 m/s; optionally equipped with Planar Motion Mechanism (PMM).
Adjustable towing platform for shallow water tests.

Wavemaker: flap-type, computer-controlled; irregular waves up to 0.35 m significant height.

Wave damping: active, with use of an identical wavemaker.

Adjustable water depth: from 0 to 3 m.

Wind generators: uniform wind up to 7m/s, modelling of the wind spectrum.

Applications

- resistance and self-propulsion tests for deep and shallow water conditions;
- sea-keeping tests, incl. moored and bottom-mounted offshore objects;
- captive model tests (with use of Planar Motion Mechanism (PMM));
- non-standard tests, incl. model/full scale tests with dedicated measuring stands designed individually for specific projects.

Published descriptions

www.cto.gda.pl