

Name of organization QinetiQ (Haslar)	Year of information updating 2018
Year established 1887	Year of joining the ITTC Since its foundation
Address Haslar Marine Technology Park, Haslar Road, Gosport. PO12 2AG United Kingdom	Status in the ITTC Executive Committee member Advisory Council Member
Contact details (phone, fax, e-mail) Andrew J Peters (Head of Hydrodynamics & Hyperbarics) Tel: +44 (0)23 9233 5217 Fax: N/A e-mail: ajpeters@QinetiQ.com	Website www.QinetiQ.com

Type of facility Towing Tank	Year constructed/upgraded 1930
Name of facility Towing Tank	Location (if different from the above address) As above

Main characteristics (dimensions of tank/basin/test section; for simulators: full mission, part task or desk top)
270m (L) x 12.2m (W) x 5.4m (D)

Drawings of facility

Top-view plan

Cross-section-view plan

Detailed characteristics (carriages, wave/current/wind generators, instrumentations, etc.)

Carriage:	Max speed 12.25 m/s (forwards) 6 m/s (reverse), max acceleration 1.1 m/s ²
Wavemaker:	Wet-back flap, twin-paddle design capable of generating regular waves up to 0.37 m in height, and irregular waves with significant heights up to 0.18 m.
Current generation:	N/A
Wind generation:	Not fitted as standard.

Applications (Tests performed)

Resistance

Propulsion, including open water propeller tests

Head/following seas seakeeping

Horizontal planar motion mechanism

Vertical planar motion mechanism

Renewable energy devices (tidal turbines and wave energy devices)

Published description (Publications on this facility)

Journal of Naval Science, Vol 13, No.1 (1987)