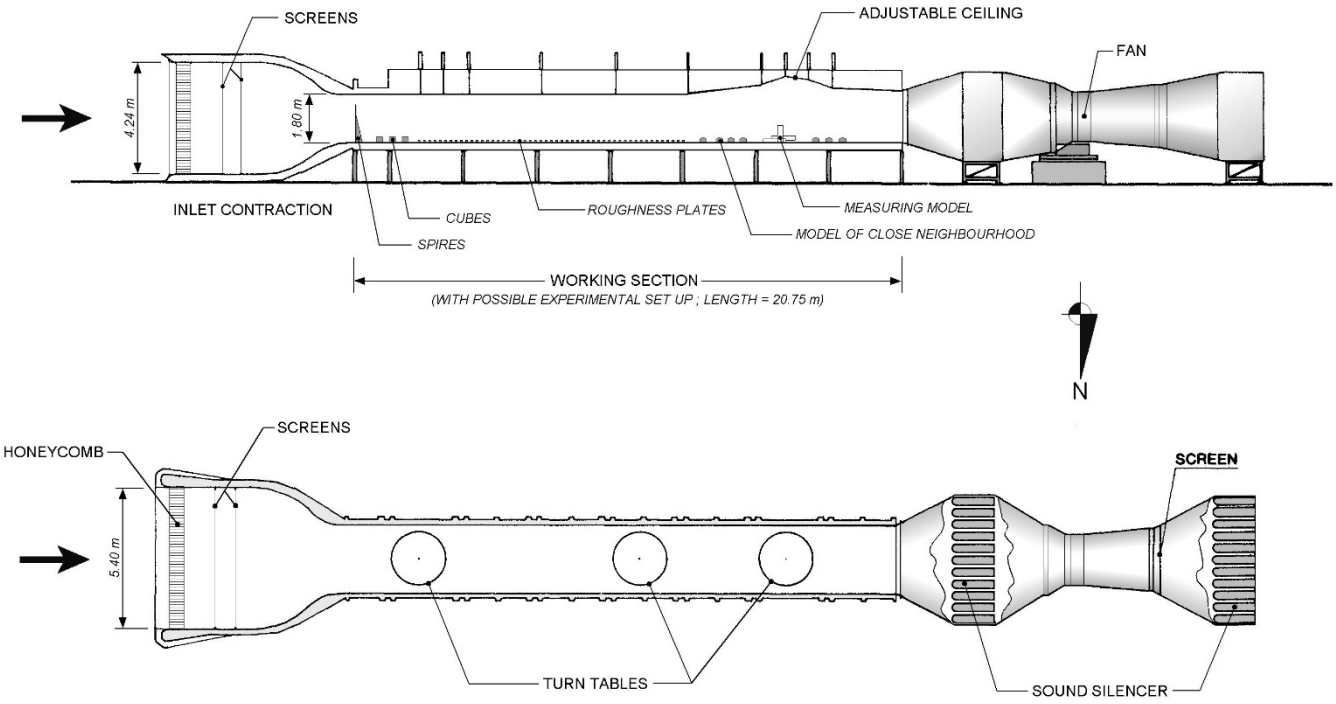
Name of organization **FORCE Technology (Former Danish Maritime Institute)**	**Year of information updating** 2016
Year established 1959	**Year of joining the ITTC**
Address Hjortekærsvej 99 DK-2800 Kgs. Lyngby Denmark	**Status in the ITTC**
Contact details (phone, fax, e-mail) Tel: +45 43 25 07 00 Fax: +45 43 25 07 01	**Website** forcetechnology.com

Type of facility Boundary-layer wind tunnel	**Year constructed / upgraded** 1982
Name of facility WT2	**Location** (if different from the above address)

Main characteristics (dimensions of tank/basin/test section; for simulators: full mission, part task or desk top)
Open Circuit Boundary-Layer Wind Tunnel (BLWT). Dimension of test section: H= 1.8m (Adjustable), W= 2.6m, L= 20.8m.

Drawings of facility

Top-view plan (lower). Cross-section-view plan (upper)



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

Open Circuit Boundary-Layer Wind Tunnel
Max tunnel Speed: 24m/s
Adjustable ceiling.
Turn table.
Automatic traversing mechanism.
Boundary-layer suction.
Forced motion rigs for section models
High Reynolds number rigs for vortex shedding tests with large section models.
Smoke generators.
Static and dynamic rigs for section model tests

Applications (Tests performed)

Static and dynamic wind load
Wind loads – pressure tests
Air pollution
Wind environment
Flow visualization
Urban development
Wind climate
Section model tests

Published description (Publications on this facility)

Hansen, S.O. and E.G. Sørensen: "A New Boundary-Layer Wind Tunnel at the Danish Maritime Institute", Journal of Wind Engineering and Industrial Aerodynamics, vol. 18, 1985, pp. 213-224.