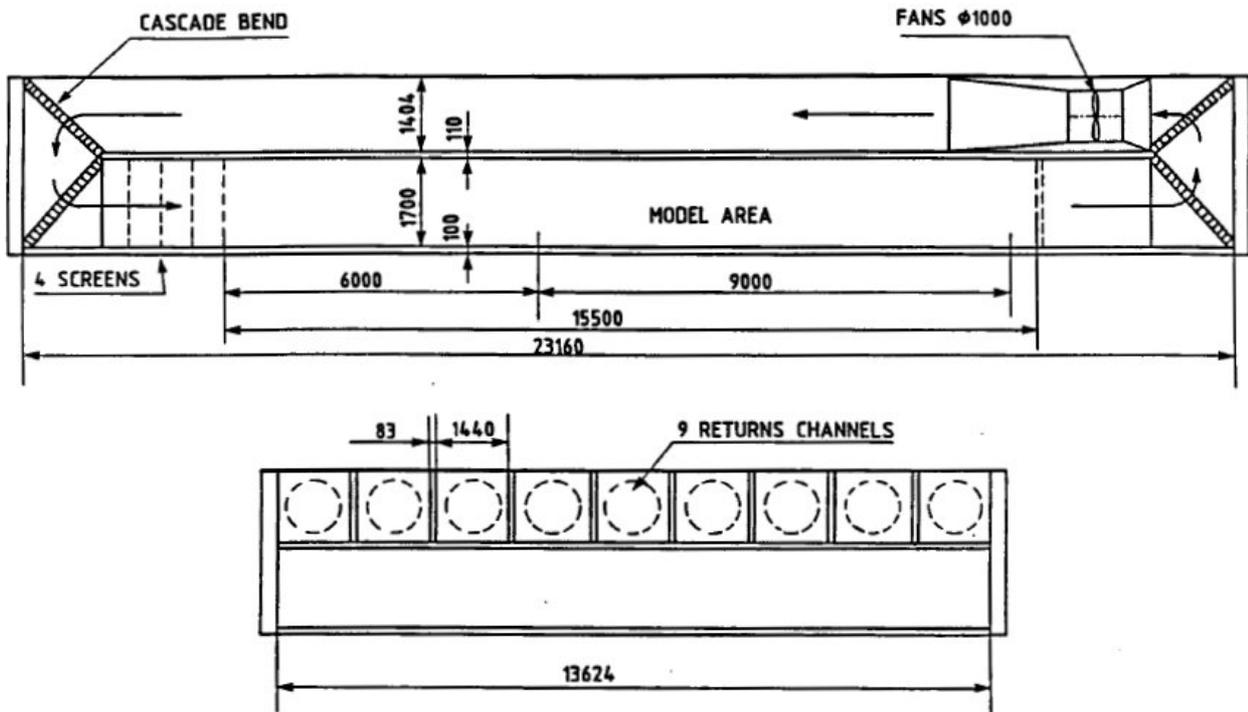


Name of organization FORCE Technology (Former Danish Maritime Institute)		Year of information updating 2016
Year established 1959		Year of joining the ITTC
Address Hjortekærsvej 99 DK-2800 Kgs. Lyngby Denmark		Status in the ITTC
Contact details (phone, fax, e-mail) Tel: +45 43 25 07 00 Fax: +45 43 25 07 01		Website forcetechnology.com
Type of facility Boundary-layer wind tunnel	Year constructed/upgraded 1992	
Name of facility WT3	Location (if different from the above address)	
Main characteristics (dimensions of tank/basin/test section; for simulators: full mission, part task or desk top) Closed Circuit Boundary-Layer Wind Tunnel. Dimension of test section: H = 1.7m, W = 13.6m, L = 15.5m.		

Drawings of facility

Cross-section-views



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

Closed Circuit Boundary-Layer Wind Tunnel
Max tunnel speed: 7.3m/s

Applications (Tests performed)

Wind loads
Wind environment
Air pollution
Aeroelastic full bridge tests
Urban development - wind climate
Landscape & terrain modelling
Dispersion of air pollution
Aeroelastic tests of large line-like structures
Full bridge model tests
Micro climate investigations
Flow visualization

Published description (Publications on this facility)

Smitt, L.W. & M. Brinch: "A New Wide Boundary-Layer Wind Tunnel at the Danish Maritime Institute", *Aerodynamics of Large Bridges* (A. Larsen, ed.), Copenhagen, 1992, pp. 137-144.