

Name of organization VTT Technical Research Centre of Finland Ltd		Year of information updating 2016
Year established 1942		Year of joining the ITTC
Address Vuorimiehentie 3 (Espoo), P.O. Box 1000, FI-02044 VTT		Status in the ITTC AC Member
Contact details (phone, fax, e-mail) Tel. +358 20 722 111 Fax +358 20 722 7001 info@vtt.fi		Website http://www.vttresearch.com/
Type of facility Ship Manoeuvring Simulator	Year constructed/upgraded 1986/1994/2012/2016	
Name of facility	Location (if different from the above address) Tietotie 1A, Espoo, Finland	
Main characteristics (dimensions of tank/basin/test section; for simulators: full mission, part task or desk top)		
Part task simulator with <ul style="list-style-type: none"> - Wheelhouse dimensions 7 m x 7,5 m x 2,5 m. - 120° visuals. - Radar simulator - ECDIS simulator - Manual/ joystick-/ track -autopilot control Desk top simulators		
		
Detailed characteristics (carriages, wave/current/wind generators, instrumentations, etc.)		
Mathematical ship models of <ul style="list-style-type: none"> - Cruise ships - Passenger and Roro ferries - Double ended ferries - Tankers - Icebreakers - Cargo ship - Naval ships - Level ice 		

Tests performed

- Ship project manoeuvrability studies
- Operational safety limits for ships in harbours and waterways
- Escort and harbor tug
- Feasibility studies