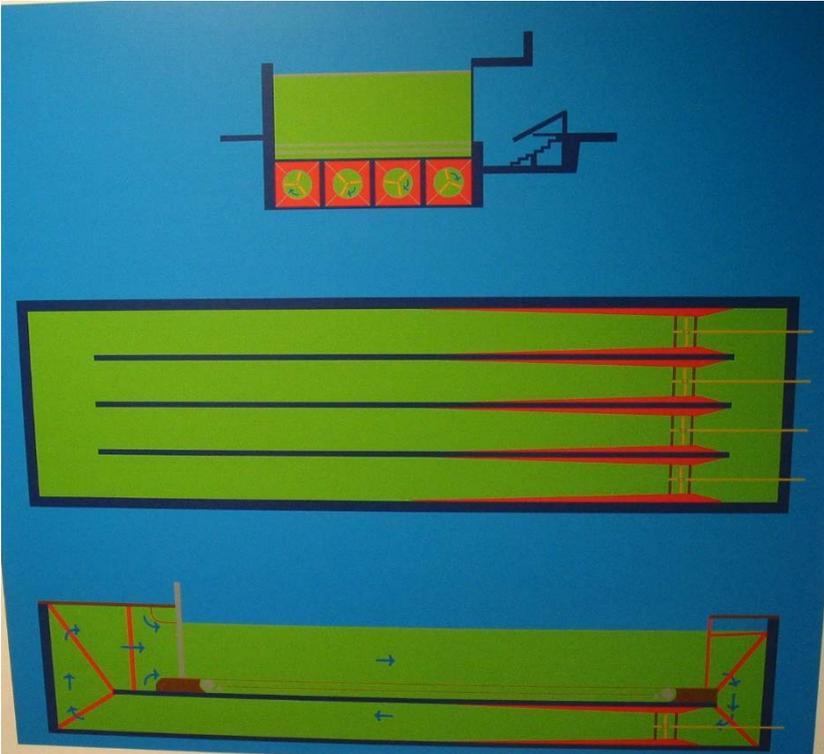


Name of organization SINTEF Ocean		Year of information updating 2017
Year established 1981		Year of joining the ITTC
Address Otto Nielsens Veg 10, P.Box 4762 Sluppen, 7465 Trondheim, Norway		Status in the ITTC Member Advisory Council
Contact details (phone, fax, e-mail) Phone: +45 9894 4300 Fax: +45 9894 2226 E-mail: ocean@sintef.no		Website www.sintef.no/ocean
Type of facility Flume tank	Year constructed/upgraded 1981	
Name of facility North Sea center flume tank	Location (if different from the above address) Willemoesvej 2B, DK 9850 Hirtshals, Denmark	
Main characteristics (dimensions of tank/basin/test section; for simulators: full mission, part task or desk top) Length of test section : 21 m, Width: 8 m, Depth: 2.7 m		
Drawings of facility		
Top-view plan		
Corss-section-view plan		
		
Detailed characteristics (carriages, wave/current/wind generators, instrumentations, etc.) Maximum current speed 1.0 m/s Regular and irregular waves Motion tracking above and below water surface Net loft for construction of fishing gear and net cages Mechanical workshop		

Applications (Tests performed)

Main tests performed in tank

- Performance tests with towed fishing gears
- Engineering test with net cages for aquaculture installations
- Tests of impact between subsea installations and fishing gears
- Engineering tests on trawl doors and deflectors
- Training of fishers and Ship-Ship interaction tests
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Published description (Publications on this facility)