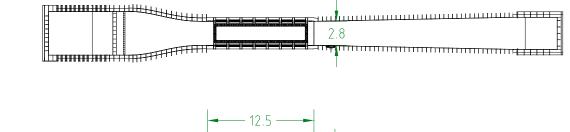
Name of organization Korea Research Institute of Ships and Ocean Engineering(KRISO)	Year of information updating 2016
Year established	Year of joining the ITTC
1973	1978
Address	Status in the ITTC
1312-32 Yusongdaero Yusongku Daejon 34103 KOREA	Advisory Committee
Contact details (phone, fax, e-mail) Phone: 82-42-866-3114 Fax: 82-42-866-3002 E-mail: ajwprop@kriso.re.kr	Website www.kriso.re.kr

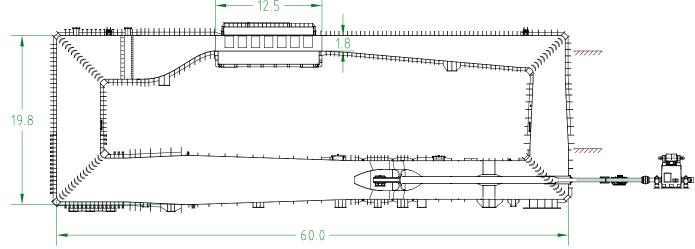
Type of facility Large Cavitation Tunnel	Year constructed/upgraded 2009
Name of facility LCT	Location (if different from the above address)

Main characteristics

Test section size: $2.8m^B \times 1.8m^H \times 12.5m^L$; Max. velocity: 16.5m/s; Pressure range: $20 \sim 350kPa$ Abs.

Drawings of facility





Detailed characteristics

Main body: 60.0m^L×19.8m^H×6.5m^B
Main motor power: 3,690kW@70RPM
Total water capacity: 2,370Tons
Acoustic trough: 2.0m^B×1.5m^H×11.8m^L

Applications (Tests performed)

Cavitation observation with full model ship Propeller performance measurement

Flow measurement

Hull pressure fluctuation measurement induced by propeller cavitation

Submerged body performance test Rudder performance measurement Erosion test for model propeller Cavitation inception test

Noise performance measurement

Published description (Publications on this facility)