

Name of organization Korea Research Institute of Ships and Ocean Engineering(KRISO)		Year of information updating 2016
Year established 1973		Year of joining the ITTC 1978
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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: $2.8\text{m}^B \times 1.8\text{m}^H \times 12.5\text{m}^L$; Max. velocity: 16.5m/s; Pressure range: 20~350kPa Abs.		
Drawings of facility		
Detailed characteristics Main body: $60.0\text{m}^L \times 19.8\text{m}^H \times 6.5\text{m}^B$ Main motor power: 3,690kW@70RPM Total water capacity: 2,370Tons Acoustic trough: $2.0\text{m}^B \times 1.5\text{m}^H \times 11.8\text{m}^L$		
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)		