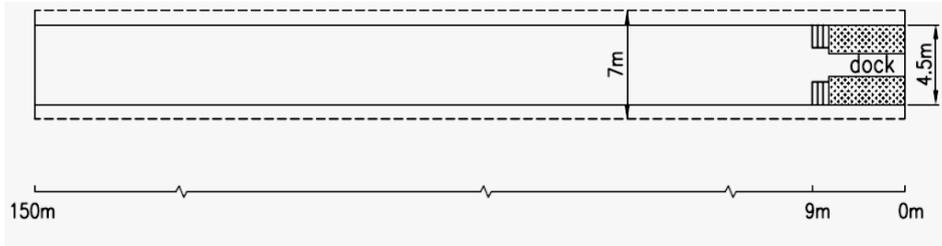
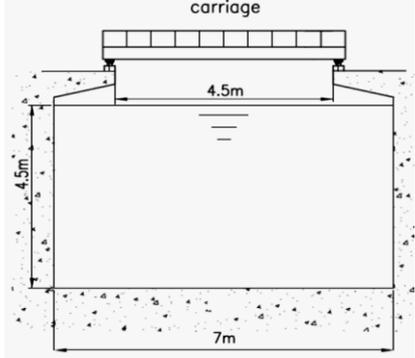


Name of organization China Ship Scientific Research Center (CSSRC)		Year of information updating 2017
Year established 1951		Year of joining the ITTC 1978
Address No.222 East Shanshui Road, Wuxi, Jiangsu 214082, P.R. China		Status in the ITTC AC member
Contact details Tel: +86 510 8555 8639 Fax: +86 510 8555 8103 Email: info@cssrc.com.cn		Website http://www.cssrc.com/
Type of facility #1 Towing Tank	Year constructed/Latest upgraded 1987/2016	
Name of facility #1-2 Depressurized Towing Tank	Location (if different from the above address)	
Main characteristics (dimensions of tank/basin/test section; for simulators: full mission, part task or desk top) 150m (length)×7m (width)×4.5m (depth)		
Drawings of facility		
<p>Top-view plan</p>  <p>Cross-section-view plan carriage</p> 		
Detailed characteristics (carriages, wave/current/wind generators, instrumentations, etc.)		
<p>Carriage: 0.01-7.5m/s; driven by DC motors with 4×4.5kW Maximum ship model length: 6m</p> <p>Dynamometers for resistance test: 2-DOF TS, 500/1500N Dynamometers for open water test: H390 Dynamometers for propulsion test: R25, R31 Dynamometers for POD/Azimuth thruster: H101; CSSRC-Type#1, 100N/4Nm; CSSRC-Type#2, 200N/10Nm Series of 6-component load cells for POD unit: maximum 200N/25Nm</p>		
Applications (Tests performed)		
<p>Model tests mainly for</p> <ul style="list-style-type: none"> Resistance of ship model, Wake survey, and Free surface phenomenon; Cavitation survey of propeller, hydrofoil and etc; Open water performance of propeller. 		
Published description (Publications on this facility)		
None		