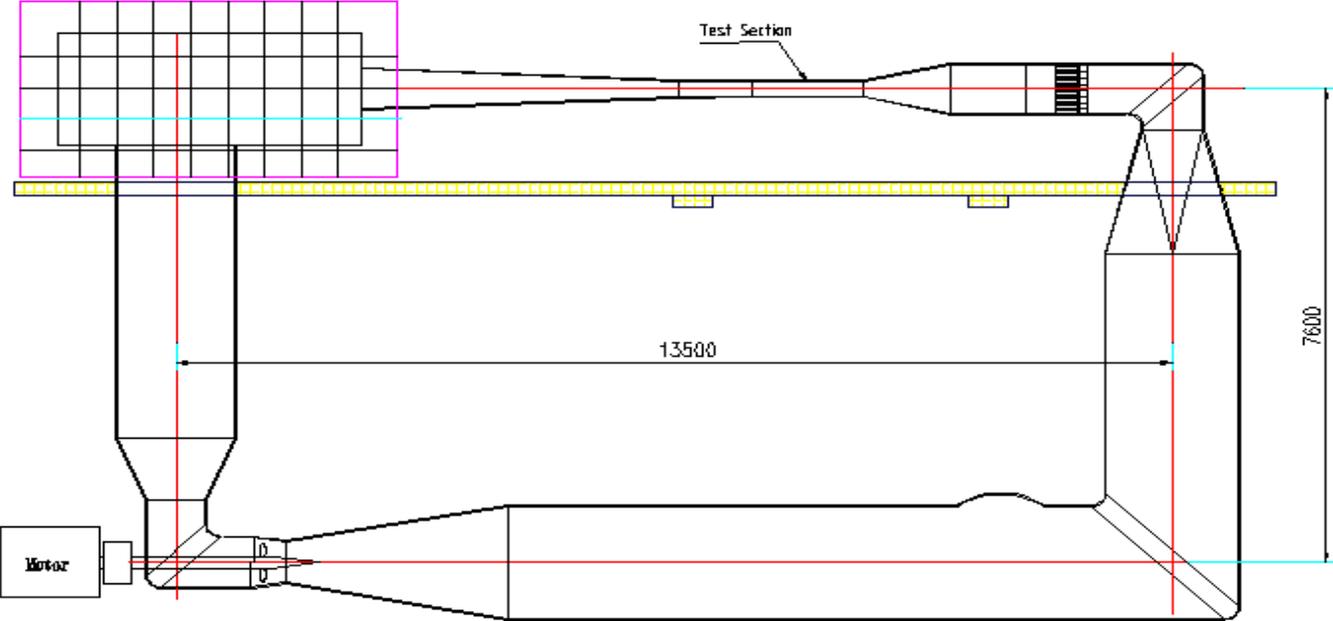


Name of organization China Ship Scientific Research Center (CSSRC)		Year of information updating 2017
Year established 1951		Year of joining the ITTC 1978
Address No.222 East Shanshui Road, Wuxi, Jiangsu 214082, P.R.China		Status in the ITTC AC member
Contact details Tel: +86 510 8555 8639 Fax: +86 510 8555 8103 Email: info@cssrc.com.cn		Website http://www.cssrc.com/
Type of facility #3 Cavitation tunnel	Year constructed/Latest upgraded 2011	
Name of facility #3-3 Multi-Purpose Cavitation Tunnel	Location (if different from the above address)	
Main characteristics (dimensions of tank/basin/test section; for simulators: full mission, part task or desk top) Square test section: 0.225m (width)×0.225 m (Height)×1.6m (length) Circular test section: Φ0.35m (diameter) ×1.6m (length)		
Drawings of facility Side-view plan 		
Detailed characteristics (carriages, wave/current/wind generators, instrumentations, etc.) Test section: pressure, 5kPa~500kPa; turbulence intensity: <0.5%; Water speed: square test section, max. 25 m/s; circular test section max. 15 m/s Nuclei generators:7×7 array of nozzles Φ2mm 2D-LDV: TSI, 0~100m/s Stereo-PIV: 200mj(Laser), 4MP(Camera), 150×180mm(FOV) High Speed Video: APX, 1MP@2000Hz		
Applications (Tests performed) Mainly for research on Cavitation observation, Cavitation erosion, Cavitation noise measurement, and Flow visualization.		
Published description (Publications on this facility) None		