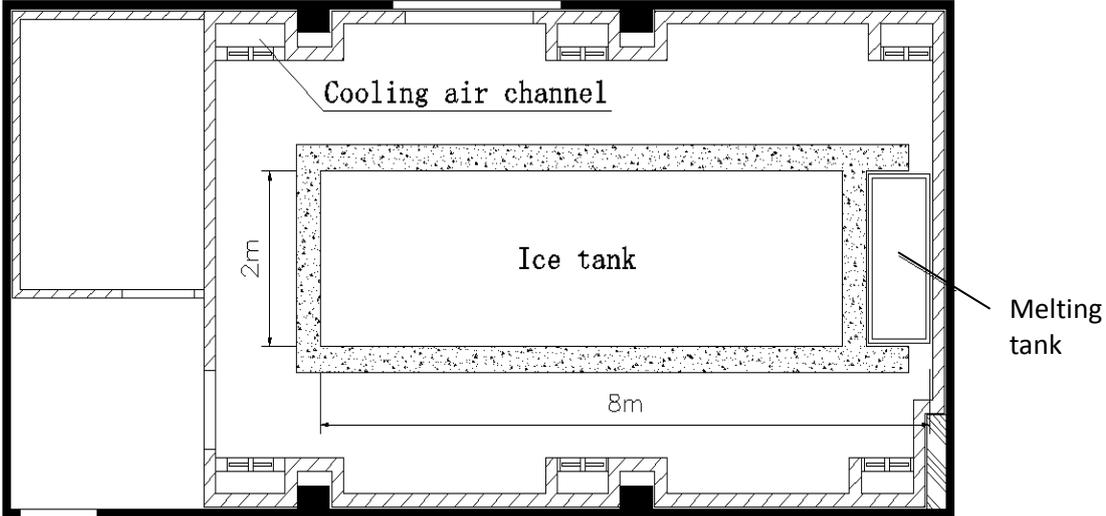


Name of organization China Ship Scientific Research Center (CSSRC)		Year of information updating 2017
Year established 1951		Year of joining the ITTC 1978
Address No.222 East Shanshui Road, Wuxi, Jiangsu 214082, P.R.China		Status in the ITTC AC member
Contact details Tel: +86 510 8555 8639 Fax: +86 510 8555 8103 Email: info@cssrc.com.cn		Website http://www.cssrc.com/
Type of facility #1 Towing Tank	Year constructed/Latest upgraded 2016	
Name of facility #1-3 Small Ice 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) 8m (length)×2m (width)×1.0m (depth)		
Drawings of facility Top-view plan		
		
Detailed characteristics (carriages, wave/current/wind generators, instrumentations, etc.) Refrigerating system: 35kW; Max. cooling speed: 12°C/h Air temperature of ice tank: Minimum -28°C; Ice thickness: 10-150mm. Carriage: 0.01-1m/s; driven by AC motor with 5kW on rack rail		
Applications (Tests performed) Mainly for research on Modeling of sea ice and river ice in tanks; Ice mechanical properties; Open water performance of propeller in ice; Ice-structure interaction.		
Published description (Publications on this facility) None		