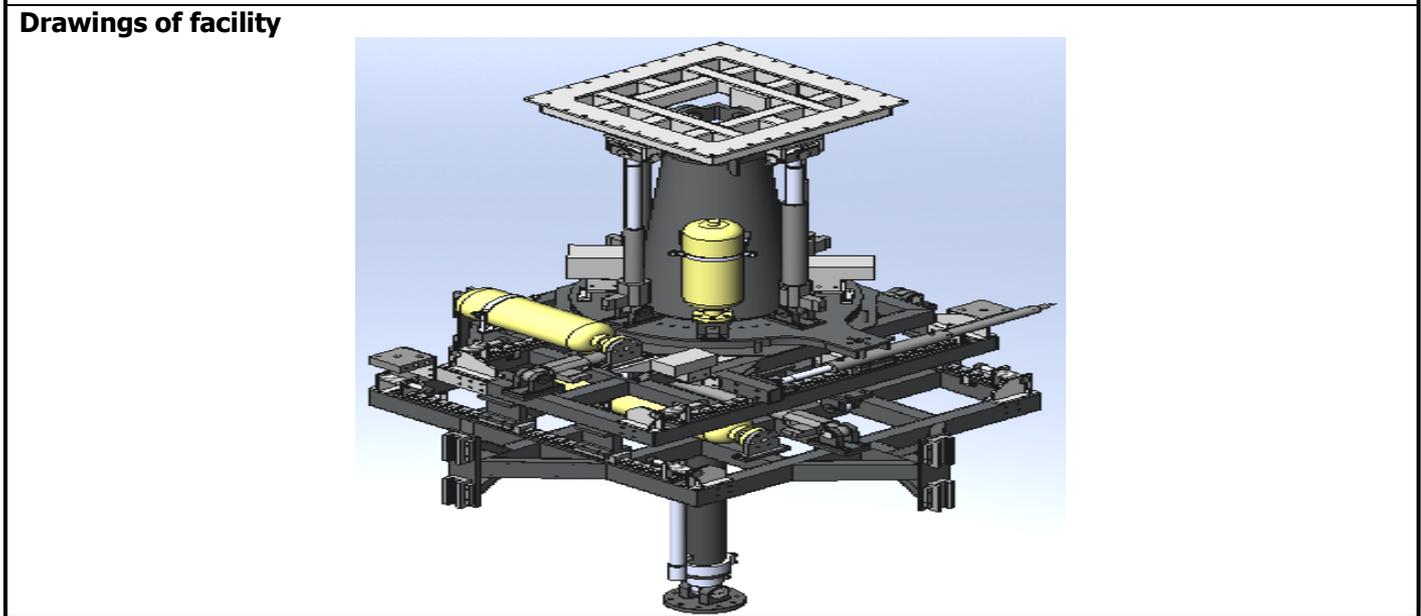


Name of organization China Ship Scientific Research Center (CSSRC)	Year of information updating 2017
Year established 1951	Year of joining the ITTC 1978
Address No.222 East Shanshui Road, Wuxi, Jiangsu 214082, P.R. China	Status in the ITTC AC member
Contact details Tel: +86 510 8555 8639 Fax: +86 510 8555 8103 Email: info@cssrc.com.cn	Website http://www.cssrc.com/

Type of facility #6 Motion Platform	Year constructed/Latest upgraded 2014
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Name of facility #6-1 6-DOF Vessel Motion Simulator	Location (if different from the above address)
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Main characteristics (dimensions of tank/basin/test section; for simulators: full mission, part task or desk top)
Height: 6.3m (stand by); Max. Payload: 4.0tn; Max. frequency: 1.0Hz



Detailed characteristics (carriages, wave/current/wind generators, instrumentations, etc.)

Specifications of motion simulation

DOF of Ship	Amplitude	Max. Velocity	Max. Acceleration
Surge	±400mm	±1000mm/s	±0.6g
Sway	±400mm	±1000mm/s	±0.6g
Heave	±500mm	±1400mm s	±0.8g
Roll	±45°	±50°/s	±150°/s ²
Pitch	±25°	±25°/s	±150°/s ²
Yaw	±15°	±15°/s	±80°/s ²

Payload: maximum 4.0tn

Applications (Tests performed)
Commercial service mainly for
Sloshing load of liquid tank, and
Motion simulation of ships for checking/testing devices on board, and etc.

Published description (Publications on this facility)
None