Name of organization Marine Design and Research Institute of China(MARIC)	**Year of information updating** 2016-11-1
Year established 1950	**Year of joining the ITTC** 1978
Address No.1688, Xizang Nan R., Shanghai, China	**Status in the ITTC** AC and ITTC member
Contact details(phone, fax, e-mail) Phone: 86-21-63161688-1107 Fax: 86-21-63151167 e-mail: wang_jb@maric.com.cn	**Website** www.maric.com.cn

Type of facility Sloshing Test Facility	**Year constructed / upgraded** 2009.10 started commercial use
Name of facility 6 DOF motion platform	**Location** (if different from the above address) No.99, Xiangyun R. , Minhang District, Shanghai, China

Main characteristics (dimensions of tank/basin/test section; for simulators: full mission, part task or desk top)
Top of upper joint settled is 1.6m; Diameter ground frame is 3.9m; Actuator stroke is 900mm.
4500kg capacity, including upper joints, platform and tank model.
Full mission.

Drawings of facility

Detailed characteristics (carriages, wave/current/wind generators, instrumentations, etc.)
Capacity of the 6DOF motion platform
Single DOF excursion performance

Surge	+/-0.500m	Pitch	+/-15°
Sway	+/-0.500m	Roll	+/-20°
Heave	+/-0.500m	Yaw	+/-23°

Single DOF velocity performance

Maximum surge	1.3m/s
Maximum sway	1.3m/s
Maximum heave	1.0m/s
Maximum roll	43.9degree/s
Maximum pitch	42.5degree/s
Maximum yaw	46.6degree/s

Applications(Tests performed)
sloshing model test

Published description (Publications on this facility)
Not yet