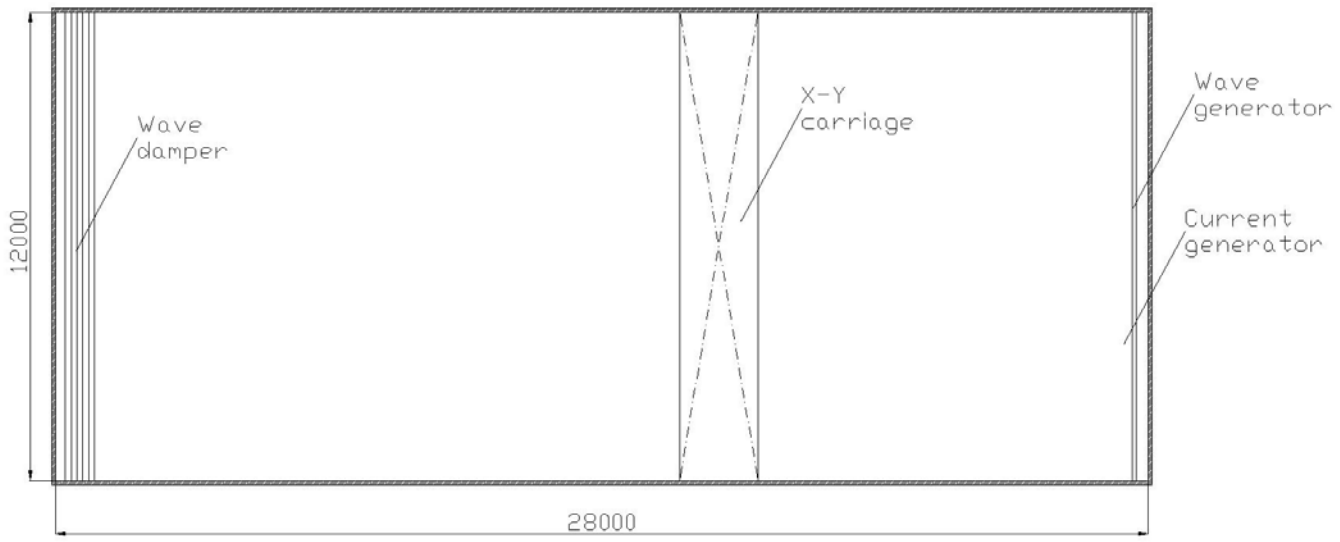
Name of organization Marine Design and Research Institute of China(MARIC)	**Year of information updating** 2016-11-1
Year established 1950	**Year of joining the ITTC** 1978
Address No.1688, Xizang Nan R., Shanghai, China	**Status in the ITTC** AC and ITTC member
Contact details(phone, fax, e-mail) Phone: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

Type of facility Wind, Wave and Current Basin	**Year constructed / upgraded** 1985 started commercial use
Name of facility Wind, Wave and Current Basin	**Location** (if different from the above address)

Main characteristics (dimensions of tank/basin/test section; for simulators: full mission, part task or desk top)
L*B*T=28m*12m*0~2m, full mission

Drawings of facility

Top-view plan



Detailed characteristics (carriages, wave/current/wind generators, instrumentations, etc.)
X-Y Carriage,
Wave generator:
regular wave: wave length from 0.4 to 6m, maximum wave height 0.3m
irregular wave: as required as the specified wave spectrum
Current generator: maximum flow speed 0.3m/s, along wave direction
Wind Blower: maximum wind speed 18m/s, any direction
Instrumentations: capacitance type and non-touch serve type wave height meter , anemoscope , current-meter, non-touch 6-freedom motions measuring apparatus, mini gyro, accelerometer, micro pressure gauge, loads cell, computers for automatic control, signal conditioning and data acquisition, etc.

Applications(Tests performed)
Wind, wave and current test of ships and ocean structures;
force and motion measurements for ships and floating offshore structures in different sea conditions, force measurements for fixed offshore structures.

Published description (Publications on this facility)
Not yet