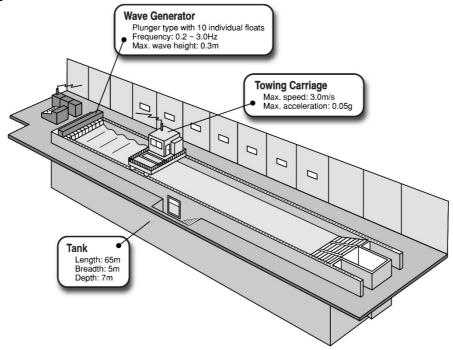
Name of organization Research Institute for Applied Mechanics (RIAM), Kyushu University	Year of information updating February 10, 2016
Year established 1943	Year of joining the ITTC
Address 6-1 Kasuga-koen, Kasuga, Fukuoka, 816-8580, JAPAN	Status in the ITTC
Contact details (phone, fax, e-mail) Tel: +81-92-583-7701 FAX: +81-92-582-4201	Website http://www.riam.kyushu- u.ac.jp/en/index-e.html

Type of facility Towing Tank	Year constructed/upgraded 1994
Name of facility Ocean and Underwater Engineering 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) Length: 65m, Breadth: 5m, Depth: 7m

Drawings of facility



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

Instrumentations:

Resistance dynamometer, 3-degree of freedom motions measuring apparatus, force oscillation apparatus, forced measuring dynamometers.

Applications (Tests performed)

Control of underwater vehicle, hydrodynamic forces on underwater vehicle, seakeeping, added resistance forced, motion tests in waves and wind with ship and ocean structure models.

Published description (Publications on this facility)

- *Constant Acceleration Test and Motion Simulation of Underwater Glider "Tsukuyomi: M.Nakamura, T.Kawatani, K.Asakawa, T.Hyakudome and A.Yoshida, Proc. Of the 24th Int. Offshore and Polar Engineering Conference, Vol.2, pp.456-462, 2014
- *Numerical and Experimental Studies on Three-Dimensional Water on Deck with a Modified Wigley Model: C-H Hu and M.Kashiwagi, Proc. 9th Int. Conf. on Numerical Ship Hydrodynamics, Vol.1, pp.159-169, 2007