

Name of organization MARIN	Year of information updating 2017
Year established 1932	Year of joining the ITTC 1932
Address Haagsteeg 2 6708 PM Wageningen The Netherlands	Status in the ITTC Advisory Council member
Contact details (phone, fax, e-mail) +31 317 493 911 info@marin.nl	Website www.marin.nl
Type of facility Towing tank	Year constructed/upgraded 1965 / 2015
Name of facility Concept 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) Length 220 m Width 4 m Water depth 3.6 m	
Drawings of facility	
1 Working pond 2 Beach 3 Main carriage	4 Test section 5 Wind platform 6 Multi segment wave generator
Detailed characteristics (carriages, wave/current/wind generators, instrumentations, etc.)	
Description of carriage	Manned, motor driven, four drive wheels, four pairs of horizontal guide wheels
Type of drive system and total power	Servo controlled, 4 * 65 kW
Maximum carriage speed	10 m/s
Other capabilities	VIV oscillator
Wave generator capability	Regular waves 1.1 m at a peak period of 2.3 s Irregular wave 0.55 m at a peak period of 2.3 s Wave direction 0 – 180 deg. Fitted with anti reflecting compensation (ARC)
Wave maker type:	Flap type wave generator, 8 flaps of 0.5 m, hinge depth 1.8 m
Beach type and length	Circular beach, length 12 m,
Other capabilities	Wind generation by portable wind fans or wind tunnel

