

INTERNATIONAL TOWING TANK CONFERENCE CATALOGUE OF FACILITIES
TOWING TANKS, SEAKEEPING AND MANOEUVRING BASINS

<p>SEOUL NATIONAL UNIVERSITY SHIP MODEL TOWING TANK (SNUTT) COLLEGE OF ENGINEERING DEPT. OF NAVAL ARCHITECTURE, SHINRIM-DONG, KWANAK-KU, SEOUL 151-742, KOREA</p>	<p>KOREA TEL. : 82-2-880-7320, 7323 FAX : 82-2-888-9298 TELEX : SNUROK K29664</p>
<p>TANK LxBxD = 110 m x 8 m x 3.5 m TRIMMING TANK lxbxd = 7 m x 2 m x 2 m</p>	
<p>DESCRIPTION OF CARRIAGES : 1 manned box-girder type carriage, motor driven TYPE OF DRIVE SYSTEM AND TOTAL POWER : direct current thyristor control 18.5 Kw DC motor x 4 EA MAXIMUM CARRIAGE SPEED : 5.0 m/s OTHER CAPABILITIES :</p>	
<p>WAVE GENERATION CAPABILITY : regular waves, length 0.25-6.25 m period 0.4-2.0 sec., height 0-0.3 m, irregular waves with significant wave height of 0.3 m WAVEMAKER TYPE AND EXTENT : servo hydraulically controlled flap type wave generator, 20 segmented, wave absorbing operation applicable BEACH TYPE AND LENGTH : rectangular cross bars on curved structure, length 7.0 m WAVE MEASUREMENT : portable capacitance type wave probes on carriage and tank walls</p>	
<p>INSTRUMENTATION : data acquisition and on-line processing by desk-top computer MODEL SIZE RANGE : ship lengths from 1.5 to 5.0 m MODEL TRACKING TECHNIQUES : measuring guides on carriage TEST PERFORMS : propulsion tests in calm water and waves seakeeping and manoeuvring tests measurements of motion and load on moored floating bodies other experiments</p>	
<p>PUBLISHED DESCRIPTION :</p>	