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

UNIVERSITY OF SOUTHAMPTON UNITED KINGDOM Department of Ship Science, Southampton, SO₉ 5NH. Telex: 47661 Tel: 0703 592316 Fax: 593017 TOWING TANK (S.I.H.E.) BEACH -3.7m 60m SECTION WAVE MAKER **DESCRIPTION OF CARRIAGE:** Manned DRIVE SYSTEM AND POWER: Thyristor controlled, 6kW MAXIMUM CARRIAGE SPEED: 4.5 m/s OTHER FEATURES: None WAVE GENERATION TYPE: Regular, Transient and Irregular WAVE MAKER TYPE: Seasim flap type - 3 segment BEACH TYPE: Segmental/foam arc WAVE MEASUREMENT: Capacitance and Resistance probes INSTRUMENTATION: Resistance/side force/yaw moment dynamometer. Wave cut probes/instrumentation. Wake traverse rig. Analogue and digital data acquisition systems. MODEL SIZE: Ship models up to 3m. TESTS PERFORMED: Resistance, ship motions, wave cut/wave pattern resistance, wake surveys. PUBLISHED DESCRIPTION: None.