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. Tel: 0703 592316 Telex: 47661 Fax: 593017 TOWING TANK (Austin Lamont) BEACH -2.4 m 30 m SECTION WAVE MAKER DESCRIPTION OF CARRIAGE: Unmanned DRIVE SYSTEM AND POWER: Cable, with 3.7 kW motor MAXIMUM CARRIAGE SPEED: 2.5 m/sOTHER FEATURES: None WAVE GENERATION TYPE: Regular, Transient and Irregular WAVE MAKER TYPE: Seasim flap type - 3 segment **BEACH TYPE:** Foam arc WAVE MEASUREMENT: Capacitance and Resistance probes INSTRUMENTATION: Resistance/side force/yaw moment dynamometer; P.M.M. Analogue and digital data acquisition systems. MODEL SIZE: Ship models up to 2m. TESTS PERFORMED: Resistance, ship motions, P.M.M. PUBLISHED DESCRIPTION: None