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Init:
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To whom it may concern

DESMI Ocean Guard's RayClean™ ballast water treatment system has now finalized the required number of land-based tests at our test facility in Denmark. Fifteen biological efficiency tests (5 fresh water, 5 brackish water and 5 marine water) have been completed. In addition, also Operation & Maintenance testing with total treatment of 10,000 tonnes of water has been completed. All tests were conducted under the supervision of DNV and with the aim to meet the United States Coast Guard standards /1/ and the testing requirements in Resolution MEPC.174(58) /2/. DHI obtained acceptance as sub-laboratory to the accepted Independent Laboratory, DNV Norway, by Letter of Acceptance from United States Coast Guard (U.S. Coast Guard) dated 11 June 2013.

/1/ U.S. Coast Guard. Standards for Living Organisms in Ships' Ballast Water Discharged in U.S. Waters. Federal Register, Vol. 77, No. 57, 23 March 2012.

/2/ MEPC. Guidelines for Approval of Ballast Water Management Systems (G8). Resolution MEPC.174(58). Adopted 10 October 2008.

Sincerely yours

DHI

A handwritten signature in blue ink, appearing to read 'GIP', followed by a period.

Gitte Ingelise Petersen
Project and Business Area Manager
DHI Ballast Water Centre, DK-EAT