

**School of Marine Science and
Technology**

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TO WHOM IT MAY CONCERN,

Letter of reference for CTO S.A.

Newcastle University and Ship Design & Research Centre (CTO) S.A. have a long term professional relationship in the field of marine related research, development and commercial consultancy.

This relationship has resulted in many successful collaborative R&D projects (e.g. through the EC Framework Programmes, OPTIPOD, FASTPOD, AMBIO etc), many diverse model manufactures for the University (e.g. different propulsors, ship models, axisymmetric body etc) and perhaps most importantly the renovation and design of the University's experimental testing facilities, in particular the recent upgrading of the Emerson Cavitation Tunnel which is currently the only propeller cavitation tunnel in UK.

During these relationships I personally found the CTO's technical staff is very professional, collaborative and hardworking; their work is at high engineering standards and competitively priced; and their management is well caring of their customers.

This statement is presented based on the request from the CTO management.



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Professor of Ship Hydrodynamics & Director of Experimental Facilities

