Accepted Manuscript

Design and validation of an unmanned surface vehicle simulation model

Peter H. Heins, Bryn Ll. Jones, Dominic J. Taunton

 PII:
 S0307-904X(17)30124-5

 DOI:
 10.1016/j.apm.2017.02.028

 Reference:
 APM 11616

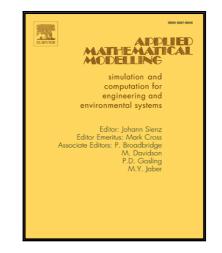
To appear in:

Applied Mathematical Modelling

Received date:1 November 2016Revised date:7 February 2017Accepted date:14 February 2017

Please cite this article as: Peter H. Heins, Bryn Ll. Jones, Dominic J. Taunton, Design and validation of an unmanned surface vehicle simulation model, *Applied Mathematical Modelling* (2017), doi: 10.1016/j.apm.2017.02.028

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



ACCEPTED MANUSCRIPT

Highlights

- A multiphysics simulation model for an unmanned surface vehicle is presented.
- The novel wave model incorporates the effects of swell, wind, current and depth.
- Real-world sea trials data is used to validate the model.

دريافت فورى 🛶 متن كامل مقاله

- امکان دانلود نسخه تمام متن مقالات انگلیسی
 امکان دانلود نسخه ترجمه شده مقالات
 پذیرش سفارش ترجمه تخصصی
 امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
 امکان دانلود رایگان ۲ صفحه اول هر مقاله
 امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
 دانلود فوری مقاله پس از پرداخت آنلاین
 پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات
- ISIArticles مرجع مقالات تخصصی ایران