

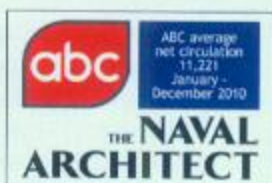
Editor David Foxwell
Editorial Assistant Nicola Stuart
Group Sales Director John Payten
Advertisement Production Manager Stephen Bell
Marketing Manager Josie Pearson
Publisher Mark J Staunton-Lambert

Published by:
 The Royal Institution of Naval Architects
 Editorial & Advertisement Office:
 10 Upper Belgrave Street
 London SW1X 8BQ, UK
 Telephone: +44 (0) 20 7235 4622
 Telefax: +44 (0) 20 7245 6959
E-mail editorial editorial@rina.org.uk
E-mail advertising advertising@rina.org.uk
E-mail production production@rina.org.uk
E-mail subscriptions subscriptions@rina.org.uk

Printed in Wales by Stephens & George Magazines.

The Institution is not, as a body, responsible for opinions expressed in *Warship Technology* unless it is expressly stated that these are the Council's views.

Registered charity No. 211161
 © 2011 The Royal Institution of Naval Architects. This publication is copyright under the Berne Convention and the International Copyright Convention. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted without the prior permission of the copyright owner. Permission is not, however, required to copy abstracts of papers or of articles on condition that a full reference to the source is shown. Multiple copying of the contents without permission is always illegal.



ISSN 0957-5537

5 Editorial comment

Chinese carrier approaches completion

6-14 News

6-14 News

16-50 Features

Feature 1 UK naval programmes

16-22 Cuts cause further contraction in UK naval forces

Feature 2 Amphibious vessels

23-27 Amphibious ships continue to evolve
 30-31 ST Marine showcases amphibious ships at IMDEX 2011

Feature 3 Oil spill reponse

32-34 Spill response ship can lay mines too

Feature 4 Coast guard vessels

36-38 Swiftships patrol boats key to rebuilding Iraq's fledgling fleet

Feature 5 Offshore patrol vessels

42-43 Israeli OPVs for Equatorial Guinea

Feature 6 Propulsion

44-45 Siemens to provide hybrid propulsion for Italian coast guard

Feature 7 Mine countermeasures vessels

46-47 Finnish MCMV has two unmanned vehicles

Feature 8 Aircraft carriers

48-49 Production begins on second Royal Navy aircraft carrier

Feature 9 Logistics

50 Fincantieri on track to deliver fleet tanker to India

16

Construction of the second QE class aircraft carrier is now under way.



36

Iraq's Navy is being rebuilt with new patrol boats.

