

BMT in the News

October – November 2010

BMT's media coverage for October - November 2010 includes: BMT Hi-Q Sigma being shortlisted for a national award; BMT Reliability Consultants signing a four-year contract to look after Ministry of Defence radars; BMT Scientific Marine Services providing monitoring systems for Total E&P Nigeria; BMT Defence Services completing a major study of Electric Armour; and Aaron Dinovitzer discussing the complexity of the welding process.



Engineering consultancy firm on shortlist

Title: The Bath Chronicle
Frequency: Daily
Circulation: 17,929

Bath-based engineering consultancy **BMT Hi-Q Sigma** has been shortlisted for a national award. The firm, which is a subsidiary of the **BMT Group**, uses its engineering knowledge to manage complex projects. It has been named in the final three for the Project Management Company of the Year Award, presented by the Association for Project Management.



Going Large

Title: The Naval Architect
Frequency: Monthly
Circulation: 11,650

Written by Jeroen De Haas and Simon Burnay from **BMT**.

Plans for a new class of mega container ship with a container capacity of 22,000TEU were drawn-up as long ago as 2008, but to date not a single example has been built. Does bigger necessarily mean better or have we reached a glass ceiling?



Nuclear tankers 'on the horizon'

Title: The Mail on Sunday
Frequency: Weekly
Circulation: 1,969,990

Plans are under way that could see nuclear-powered supertankers sailing the world's shipping lanes, refueling only once every seven years. Lloyd's Register, one of the societies that set safety standards for shipbuilding, has started to rewrite its rules for nuclear-powered ships. And it has joined a research consortium to explore the potential for nuclear propulsion of future generations of super-tankers up to 150,000 tonnes.

Greek shipping company, Enterprises Shipping and Trading of Athens is part of the consortium and, with the help of renowned ship designer **BMT Nigel Gee** of Southampton, the plan is to design and build modular ships that would enable the cargo section to be detached and towed into harbour while the nuclear 'mothership' anchored offshore.

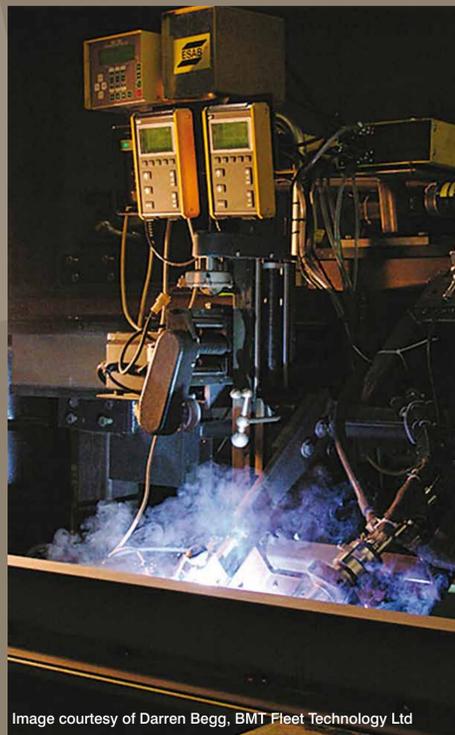


Image courtesy of Darren Begg, BMT Fleet Technology Ltd

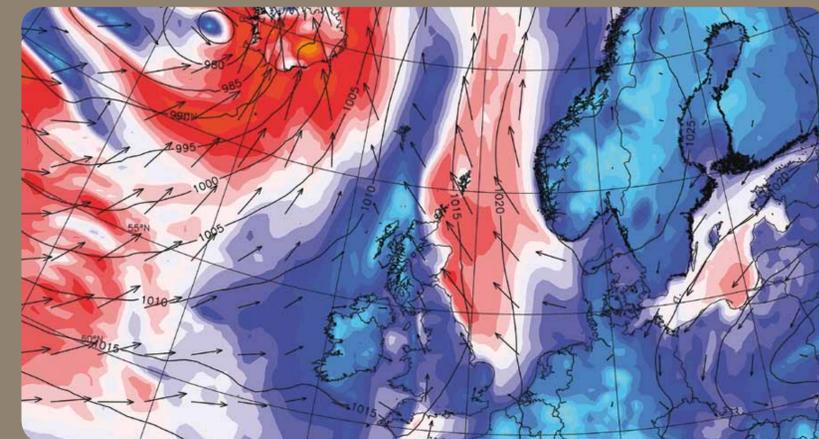


Understanding weather

Title: International Ocean Systems
Frequency: Bi-monthly
Circulation: 10,003

Written by Robin Stephens, senior advisor, oceanography and meteorology, **BMT ARGOSS**, Southampton, UK

The weather presents a number of major risks to an offshore wind farm development at all stages throughout its life cycle. Detailed understanding of site-specific meteorological conditions is therefore essential for effective risk mitigation.



Around the weld

Title: E&T (official IET publication)
Frequency: Fortnightly
Circulation: 149,407

Written by Aaron Dinovitzer, President and Executive Engineer at **BMT Fleet Technology**.

Welding has become a high-tech process that needs sophisticated procedures, strong technical back-up and a new way of thinking. **BMT Fleet Technology** has developed numerical modelling and computer simulations to analyse the welding process.



Deal will help RAF to 'police the sky'

Title: The News (Portsmouth)
Frequency: Daily
Circulation: 45,175

Britain's sovereign airspace will be a little bit safer, thanks to one local firm. The MoD has hired a team of Hampshire engineering specialists to make sure all its land-based radars are running smoothly. The array of early-warning radars is designed to defend against incoming bombers or hijacked aeroplanes. Now **BMT Reliability Consultants** has signed a four-year contract worth 'several hundred thousand pounds' to help ensure they are working correctly.

Saipem picks BMT for role in Total's Usan Field development

www.oilandgasinternational.com

Saipem has selected **BMT Scientific Marine Services (BMT)** a subsidiary of **BMT Group**, to provide single hybrid riser (SHR) and oil offloading line (ODL) integrity monitoring systems (IMS) for the Usan Field development for Total E&P Nigeria in Block OML 138. Saipem said today that the system will measure the uplift force applied by the SHR buoyancy cans on the top riser assemblies of the four SHRs. The buoyancy tank tension is measured directly with **BMT's** robust subsea strain sensor assembly (SSSA).

Electric Armour for vehicles – BMT advises European Defence Agency

www.defpro.com

BMT Defence Services Ltd., a subsidiary of **BMT Group Ltd.**, has completed a major study of Electric Armour for Armoured Vehicles (ELAV) for the European Defence Agency (EDA).

BMT has investigated new armour technology to see how ready it is for real applications in armoured vehicles.



"Where will our knowledge take you?"



Tanker operator slashes fuel bill, cuts emissions

www.maritime-connector.com

National Shipping Company of Saudi Arabia (NSCSA) has achieved dramatic fuel savings and emissions cuts since adopting Intersleek® coatings technology on the hulls of eight VLCCs. Corresponding savings in greenhouse gas emissions mean that more than 20,000 tonnes of CO₂ have been prevented from entering the atmosphere from this one vessel. The data has been independently verified by vessel performance specialists, **BMT**.

River opens up for bigger boats

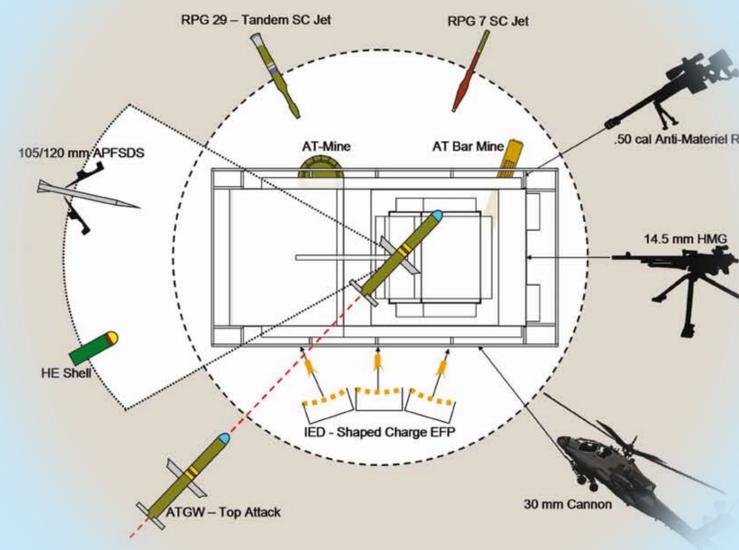
www.myallcoastnota.com.au

Local ferry operators and recreational boaters have breathed a collective sigh of relief with dredging of the Myall River's navigational channel now finished. The Myall River Action Group will now be participating in discussions with the consultants **BMT WBM**, who have been appointed to determine sand movements along Jimmys Beach, Winda Woppa Spit, around Corrie Island and, more recently, reports of heavy silting as far as the Singing Bridge.

Insurers get acquainted with industry through course

www.motorship.com

A party of members of the London marine insurance market recently got acquainted with the maritime cluster at Falmouth, UK, on **BMT Marine & Offshore Surveys'** first shipyard acquaint course. The tour of the UK key specialist maritime cluster was hailed a success. It was seen to enhance expertise all round, and to build on professional relationships between maritime service providers and insurance specialists.



Threat Environment