



SHIP & BOAT INTERNATIONAL

Issue 02/01
March 2001

Contents

2 NEWS REVIEW

Featured in this month's round-up is news of a \$165 million order for Halter Marine for the construction of a new series of fisheries research vessels for the US National Oceanic and Atmospheric Administration. Also, the latest on Ribex 2001, a two-vessel order for Austal and proposals for the new RNLI facilities.

NEW DELIVERIES 7

Already well-known for its appearance at the Sydney Olympics last year, the 98m x 26m *Lynx*, the largest aluminium ship to be built in



Australia, headlines our new deliveries section. Also covered is a new special forces RIB from FB Design of Italy, a Robert Allen designed crew-boat for UAE, and a Solent-based UK-built barge for unique operations.

13 FISHING

Covered in this month's extensive feature are details of a new vessel built for twin rig, trawling and seine netting for a Danish owner; a US-built combined crabber/tender/longliner; and a new generation of pelagic vessels from ASMAR. An in-depth report on *Avro Warrior* from the prolific Macduff Design in Scotland is also well documented



25 PILOT BOATS

Interesting developments in this sector include a new 31.7m long duo from the Seattle-based

Marco shipyard in the States, while the well-proven Halmatic Nelson-design receives a makeover for operations in the Port of Belfast. A new pilot cutter receives the plaudits, and Damen delivers a Caterpillar-powered unit to Antilles.



AUTOMATIC IDENTIFICATION SYSTEMS 31



Regular contributor **George Marsh** reviews the problem of communication at sea, and highlights the growing clamour for automatic identification systems, culminating in ever stricter legislation for the modern day shipowner.

35 SOFTWARE SOLUTIONS

Included in this month's round-up of the latest CAD/CAM advances is news from Albacore of its new ShipConstructor 2001 product-modelling system, which now incorporates several notable

upgrades such as the Smart Pipe facility. US specialist Proteus launches its latest FastShip model; MasterSHIP 2000, from Dutch-based outfit Yachting Consult offers new user benefits; and a new collaboration seeks to advance functional design to the marine industry.



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Take-overs and mergers dominate this issue's news pages with the announcement from Australia of the link-up of two of the world's leading towage companies and proposals by Aker to combine its shipbuilding activities with what is left of Kvaerner's involvement in this field. In addition, Bollinger and Incat are co-operating on military vessel design.

NEW DELIVERIES 7

Exactly 10 months after the contract was signed, the Spanish yard of Balenciaga managed to produce a sophisticated 60m ROV vessel. Shoreham, on the English south coast has replaced its pilot boat after 25 years service, whilst Idaho lake has taken delivery of a fire-boat that has already saved a life.



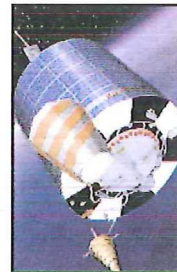
10 BEEFY RIBS

Looking forward to the forthcoming RIBex exhibition, Dag Pike suggests that RIBs are no longer a laughing matter as they get bigger and faster.



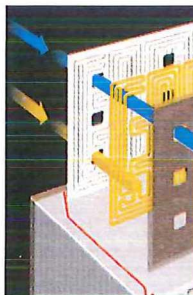
13 SAFETY

Having observed that satellite technology has advanced hugely, **George Marsh** takes an up-dated look at the SART & EPIRB scene.



AIR CONDITIONING

21 In an article especially written for *S&B*, Taylor Made Environment offers a guide to the types of air conditioning systems available for all vessels under 75m in length.



27 PROPULSION

Do fuel cells have a future in marine propulsion? On the current evidence, **George Marsh** seems to think they could.

ELECTRONICS 33

Controls, fire detection, simulators, level gauging, remote monitoring and chart up-dating are just some of the latest developments on the 'electronics' front to have arrived recently in the editorial office. **Chris Brown** reports.



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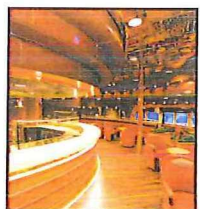
SHIP & BOAT INTERNATIONAL

Issue 05/01
June 2001

Contents

2 NEWS REVIEW

This month's round-up includes details of new vessels ordered for Alaska and Chile, news of bigger profits from Wijismuller, changes at one of the UK's cross-channel ports and the conversion of a Danish train ferry into a 'Mercy Ship'.

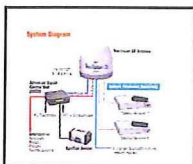


5 NEW DELIVERIES

The first Auto Express 101 from Austal arrives in Spain, the first of a pair of new pilot boats for Puget Sound makes its debut, the Swedish Police lease a modified patrol boat from the Navy and a luxury inland waterway ferry starts work on the Rhine and its tributaries.

11 ELECTRONICS

George Marsh believes that there is still progress to be made regarding TV reception at sea. Television is no longer a rarity - passengers and crew need to keep in touch with their favourite programmes. In addition, Simrad launches a new VHF, Kongsberg's ECDIS gets approval and gyro sensors enhance compass accuracy.



19 TUGS & WORKBOATS

Amongst the items in this feature are new tugs for Wijismuller, Jaya Marine and the Republic of Guinea, oil recovery boats from Halmatic, Alnmarin and Vikoma, together with news of activity in this sector from around the world.



30 US DELIVERIES

Late news, just in, on a fast ferry and a salvage RIB - both built in the USA.



SPECIAL SUPPLEMENT
Bound into the centre of this issue is a special S&B supplement on the Dutch maritime industry.

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