

RoRo Conversions

Bulkhead doors meet SOLAS stability regulations



*RFA ARGUS, ROYAL NAVY, UK*



*Robust and reliable sliding bulkhead doors have been fitted onboard RFA Argus; they incorporate innovative technology and are developed from proven designs.*

As part of a major upgrade and life extension project, the UK Navy's Royal Fleet Auxiliary ship Argus was converted to undertake a new primary role for receiving casualties, with a secondary task of helicopter training.

Major equipment upgrades were also undertaken to increase the vessel's operational capabilities and upgrade it to meet future regulations for SOLAS, sewage treatment plants, fire and watertight integrity.

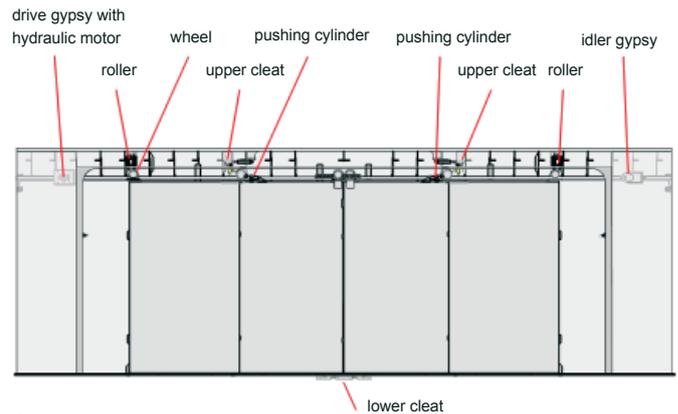
### The conversion solution

MacGregor's RoRo conversion team received the contract to design and build watertight and weathertight bulkhead doors, according to SOLAS rules and regulations. It also provided installation assistance.

### Client: A&P Falmouth Ship Repair Yard

- Vessel *RFA Argus*
- Completed in 2009
- Design and hardware delivery
- Installation assistance
- Built to Lloyd's Register of Shipping (LR) classification requirements
- SOLAS stability regulation compliant
- Watertight and weathertight sliding bulkhead doors, located on hangar deck, on port and starboard sides
- Watertight and weathertight top hinged bulkhead doors, located aft of the ramp
- Watertight and weathertight small sliding bulkhead door, located on hangar deck, starboard side.

The ship has undergone a conversion that redefines its key role. Built in Italy in 1981 as the container vessel Contender Bezant, it was taken out of merchant trade during the Falklands war and entered naval service in 1988, primarily serving as an aviation training facility. Now Argus serves as a Primary Casualty Receiving Facility (PCRF) providing facilities including two operating theatres and 100 beds. As a logistics ship it can be adapted to transport various quantities of equipment very quickly.



Sliding bulkhead doors



*RFA Argus is a casualty receiving ship, capable of treating 100 service/civilian personnel, and an aviation training facility; it can carry up to 500 service personnel and has been designed to accommodate diverse and demanding roles.*



Lloyd's Register Quality Assurance certifies that the Quality Management System for MacGregor is ISO 9001:2008 compliant.

*MacGregor is the world's leading brand of engineering solutions and services for handling marine cargoes and offshore loads. MacGregor products serve the maritime transportation, offshore and naval logistics markets, in ports and terminals as well as on board ships. Our cargo flow solutions integrate cargo access, stowage, care and handling functions to suit a particular ship's cargo profile. This benefits its productivity, environmental impact and profitable service lifetime. [www.macgregor-group.com](http://www.macgregor-group.com)*

*MacGregor is part of Cargotec.*

*Published by MacGregor. Copyright © MacGregor September 2013. All rights reserved. No part of this publication may be reproduced, stored, photocopied, recorded or transmitted without permission of the copyright owner.*



**MacGregor Sweden AB**  
**RoRo**

P.O. Box 4113,  
SE-400 40 Gothenburg  
Sweden

Tel. +46 31 85 07 00

[rorosales@cargotec.com](mailto:rorosales@cargotec.com)  
[roroconversion@cargotec.com](mailto:roroconversion@cargotec.com)  
[www.macgregor-group.com](http://www.macgregor-group.com)