

# HMS Albion: Ballast System



*(HMS Albion sailing out of Plymouth Sound Harbour.)*

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**Project** HMS Albion 10" & 12" Ballast System

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**Client**



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**Location** Plymouth, Devon.

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**Pipe System** Bondstrand 2000M non conductive GRE Pipe & Fittings  
10"-12" Quick Lock adhesive joints

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**Application** Bilge and Ballast Water

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Document Reference: PCPCH210 MBBW2M ELT

[www.pipexcompositepipes.com](http://www.pipexcompositepipes.com)

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**Design Criteria**

10 bar pressure  
Service bar test pressure  
30°C max operating temperature

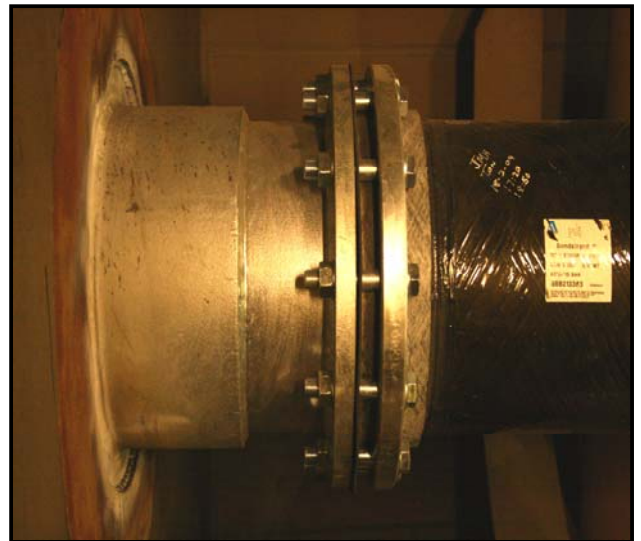
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**Scope of Work**

**On Site Fabrication and Installation**

Pipex skilled Field Service Engineers deployed to site to remove existing GRP Ballast Pipe and replace with Bondstrand 2000M 10"-12" Pipe in the restricted space of the ships ballast rooms.

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*(Above Left: Completed installation of new Bondstrand GRE pipe along side existing GRP for new bulk head penetration.)*

*(Above Right: Bondstrand GRE Stub Flange, connecting to the bulk head penetration using the Backing Rings System for easy alignment of Bolt Holes.)*

*(Below Left: New Bondstrand GRE Lateral Tee to accommodate for new bulk head penetration.)*

