

Conversions, Upgrades and Restorations

Conversion:

MV Maxita

Oceanic King

Oceanic Pearl

Oceanic Princess

Oceanic Viking

Upgrade:

European Leader

Rockwater I

Rockwater II

Deepwater Supply I

Restoration:

HMS Gannet



Conversions:

Conversion and upgrade of the **MV Maxita** in order to gain Classification and Flag State approval, along with NMD requirements. The upgrade was from a 600 tonne crane and complement of 85 and DP2, to a 2400 tonne heavy lift crane with complement of 200 and DP3 along with associated equipment and fittings.

Oceanic King, Pearl, Princess and Viking conversions including Ro-Ro vessels to cable layers, offshore vessels to trans ocean fibre optic cable layer, supply boat to trans-ocean fibre optic cable layer. Duties included:

- Feasibility study
- Class design
- Detail design—project management
- Condition survey
- Contract negotiation
- Conversion cost analysis
- Conversion specification
- Identification of base vessel
- Yard selection and shipyard supervision

Upgrades to the European Leader, Rockwater I & II and Deepwater Supply I:

European Leader upgrades included:

Feasibility through to detailed design of jumboisation of ro-ro freight ferry MV EUROPEAN LEADER. Technical specifications: • 15 m (300 tonne) midbody insert • Accommodation upgrade • Increased subdivision to comply with SOLAS 90 +50 cm

Rockwater I & II upgrades included:

Upgrade and reconfiguration of the existing accommodation arrangement so as to improve the comfort of the crew and align with the latest guidelines and practices for operation.

Services included: • Conduct of feasibility study • Provision of design drawings for Classification Society and Flag State approval • Compilation of technical specification for tender purposes

Deepwater upgrades included:

- The development of a new engine room in hold no. 3 to accommodate two Caterpillar DG units
- The installation of five additional thrusters for DP plus associated switchboard upgrades

Restoration of the HMS GANNET:

Project management and on-site supervision services to Chatham Historic Dockyard Trust to restore HMS Gannet to her 1886 condition—the time of her action at Suakin.

HMS Gannet is unique, being one of the only three composite-built ships remaining in the world and the only naval composite vessel. In addition, she is the only surviving small ship of the Royal Navy's sail and steam fleet which belonged to the "Up Funnel, Down Screw" era. For this reason, the restoration was attended to with care, with sympathy and above all with historic integrity.

- Preliminary project work
- Compiling specifications
- Compiling contracts for the work
- Negotiating with invited tenders