



JAMESTOWN WHARF EXPANSION AND PROTECTION - PHASE 1 & 2

St. Helena, South Atlantic Ocean

Client: St. Helena Government (SHG)

Dept. of Economic Planning and Development

SUMMARY:

Value: €9 million (Budget)
Status: Ongoing 2008 - 2010
Finance: EU / SHG
Consultant: Nicholas O'Dwyer (Ireland)
in association with
Consular of Portugal

Services Provided:

- Site Surveys and previous studies review
- Mathematical and Physical Modelling
- Conceptual designs of Wharf expansion and Breakwater protection
- Detailed designs and tender documents
- Tenderer prequalification / contract evaluation and procurement
- Construction supervision for Phase 1 works implementation

Narrative Description of Project:

The Wharf at Jamestown, St. Helena, is the single point of entry for passengers and freight to this remote Island. The project objectives are to expand the wharf area and facilities to cater for passengers and freight and subsequently install a breakwater protection to ensure safer landing facilities at the port. The design phase entailed expansion of the wharf area using precast concrete cell-box construction and with wave protection using natural rock armour and precast concrete units (tetrapods). A safer landing by means of a breakwater provides an inner vertical quay for passenger/freight landing together with a ramp for local marine/boating operations in the bay.



Nicholas O'Dwyer
CONSULTING ENGINEERS