

MARINE WORKS

Safina Project, Dubai Drydocks Ship Launch and Recovery Facility - Design & Construction

PORTS & SHIPPING • SHIP LIFT BASINS • SHEET PILES • COFFERDAM • DIAPHRAGM WALLS • ROTARY BORED PILES • VIBRO COMPACTION



Client
Dubai Drydocks

Consultant
Royal Haskoning

Main Contractor
NSCC - SBF JV

Location
Dubai, UAE

Start Date
August 2005

Completion Date
July 2006

Project Details

- Back filling including vibro compaction at existing basin: 300,000 m³.
- Formation of hydrolift basin constructed of diaphragm wall (800 m) and reinforced concrete walls.
- A piled reinforced concrete platform (550 piles), approximately 130 m x 70 m, designed to support the loads from vessels under repair and sections of new ships during launching.
- Construction of two berthing dolphins – 6 x 8.5 m depth each.
- Installation of two mooring piles.
- Foundation for removable steel landward gate (gate constructed by others).
- Gate abutments and sill for floating seaward gate (gate constructed by others).