

## MARINE WORKS

# Yas South Integrated Resort

## Yas Island

HOSPITALITY & LEISURE • MARINAS • PONTOONS • DRIVEN PIPE PILES • QUAY WALLS • VIBRO COMPACTION



### Client

Miral Asset Management LLC

### Consultant

Faithful & Gould

### Main Contractor

NSCC International / AST (JV)

### Location

Abu Dhabi, UAE

### Start Date

June 2017

### Completion Date

April 2018

### Project Details

Rock filling	: 69,885 m <sup>3</sup>
Pre-cast concrete blocks	: 1,998 nos.
Pontoons	: 933 m <sup>2</sup>
Pre-cast block quay wall	: 361 m
Tubular steel piles	: 28 nos., of 600 mm dia.
Excavation/dredging	: 21,504 m <sup>3</sup>
Reclamation	: 190,000 m <sup>3</sup>

### Vibro Compaction

Depth of treatment	: 11.5 & 12.5 mm
Volume of treatment	: 118,607 m <sup>3</sup>

Yas South Integrated Destination Resort (IDR) Phase 2 Marine Works included the construction of a marine pier with precast gravity block quay wall (reclaimed area - 150m x 65m), floating marina and pontoons for berthing and mooring, cantilevered coping deck to serve as pedestrian walkway and viewing terrace. In addition to the above, other structures included a reclaimed sand box for private bathing, a stepped viewing platform with multi levelled finished levels and a giant sculpture area overlooking the proposed sculpture. Sufficient navigation aids were provided to restrict and/or guide vessels moving around the area.