

PROJECT SHEET

PORTO MUCURIPE, FORTALEZA-CE
DRAGAGEM

BOSKALIS

Royal Boskalis Westminster is a leading global marine contractor and services provider. With safety as our core value, we offer a wide variety of specialist activities to the oil & gas and renewables sectors. These activities include marine installation and decommissioning, seabed intervention, marine transport and services, subsea services and marine survey. In addition, Boskalis is a global dredging contractor, provides towage and terminal services across the globe and delivers marine salvage solutions.

By understanding what drives our clients we are able to provide the solutions that enable them to meet their specific business goals. For this reason we are constantly looking for new ways to broaden and optimize our offering and are committed to expanding our proposition, supported by our financial strength.

With our committed professionals in engineering, project management and operations, 800 specialized vessels and an unprecedented breadth of activities in 90 countries across six continents we help our clients in the offshore industry push boundaries and create new horizons.

INTRODUCTION

The Special Secretariat of Ports hired the Bandeirantes, through the resources of the Growth Acceleration - PAC, with the objective of revitalize the Port of Fortaleza (Port of Mucuripe).

The project provides for the dredging of waterway accesses, for FEATURES make the Port of Fortaleza able to receive ships of greater cost, optimizing the cost of maritime freight and port operations, increasing by up to 30% its operational capacity.

PROJECT DESCRIPTION

Dredging work on the project began in October 2010. The first stage of the project was dredging of the port access channel, with an estimated at 1.7 million m³, leaving at the quota of 14.0 meters deep. The second stage of the project in the enlargement of the basin from 150 meters to 160 meters and the deepening, dredging an estimated volume of 4.25 million m³ in partnership with the Bandeirantes dredges, totaling the project in 5.95 million m³.

The Project was divided into four areas to facilitate the dredging works.

FEATURES

Client	Secretaria Especial dos Portos-Sep
Location	Fortaleza, Ceará
Period	July 2010 - 2011
Contractor	Bandeirantes Dragagem e Construção Ltda
Sub Contractor	Boskalis do Brasil Dragagem e Serviços Marítimos Ltda



A Location map of Porto de Fortaleza-CE with the dredging areas:

- area 1 - new channel access
- area 2
- area 3 - Bacía de evolucao
- area 4

B Aerial view of Porto de Fortaleza-CE



SCOPE

The project of deepening and dredging of waterways were elaborated by the great demand that the Port of Fortaleza was receiving. The depth of the basin and access was 11.5 meters, which prevented large ships to enter the port. The main access was long and the ships had difficulties for maneuvers. With the works of the new channel access, with about 3.5 kilometers in length, 120 meters wide and 14 meters depth were shortened about 1.5 kilometers in relation to the old channel, facilitating the entry and maneuverability of vessels.



- C** Dredging operation in Porto de Fortaleza-CE
- D** Seaway self-propelled suction dredger