



Client

Ausenco-Sandwell

Vessel Type

Cape-size and ASD Tugs

Location

Puerto Nuevo, Colombia

Feasibility Study for a New Port Infrastructure

This study was designed to evaluate the concept of a new port infrastructure, determine its operating limits and eventually serve as a training tool for ship captains, pilots and terminal operators.

For this purpose, the MSRC developed a geographic database for the site and conducted simulations in order to:

- evaluate and determine operating limits to ensure the safe use of infrastructures, factoring in any activities taking place nearby; and
- determine the number and minimal capacity of tugboats required to ensure safe and proper assistance during escort operations, and berthing and unberthing manoeuvres.

