

PROJECT MANAGEMENT

Project Management

International

Provision of Survey Services

Client: E Pihl & Sons
Location: Port of Lomé - Togo
Period: November 2010 - Date

Provision of Survey Services to E Pihl & Sons, Togo

The Client, E Pihl & Sons, is the main contractor undertaking the execution of the expansion works currently taking place at the Port of Lomé.

The port expansion works involve the following:

- Repair works on the existing breakwater
- Construction of a new breakwater

E Pihl & Sons commissioned Project Management International (PMI) to render survey services for the execution of the expansion programme.

Scope of Works

The scope of works comprised the following:

- General survey control services consisting of bathymetric and topographic as per the client's requirements.
- Producing monthly reports including data and maps for the clients.

Works To Date

PMI has provided survey control of the construction works of E Pihl & Sons from November 2010 to the present. The works conducted so far include both bathymetry and topographic surveys.



Bathymetric Survey

The bathymetric survey was carried out before the start of construction on the new breakwater and before the repair of the existing breakwater. The bathymetric surveys were used to accurately map the contours of the seafloor adjacent to the existing breakwater, and to profile the seabed

on the footprint of the breakwater to be constructed.

The bathymetric surveys covered an area of approximately 200,000 square metres.

Topographic Survey

The topographic surveys were required to gather spatial data on the existing breakwaters, to tie-in with the sea-bed data from the bathymetric surveys.



Conclusion

The survey control services delivered by PMI to date have provided a baseline for the breakwater repair and construction works that are presently underway.