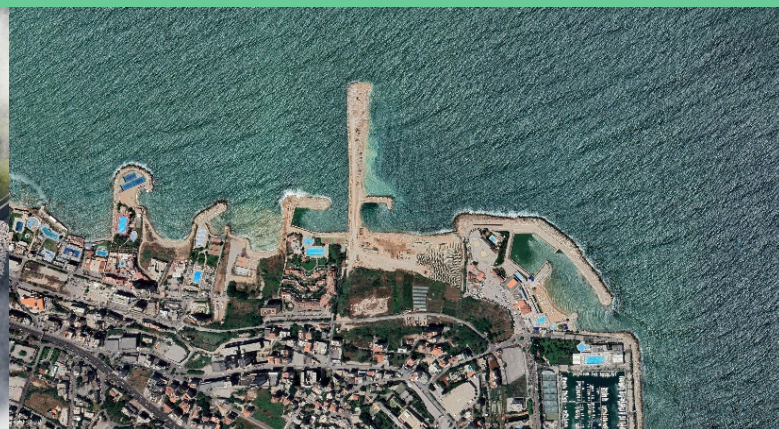




CRUISE PORTS

SEATEC SARL

We understand the language of Waves



LEBANON

BYBLOS, DOWN TOWN, 31 ERNEST RENAN ST, BEAYNI CENTER, 1ST FLOOR

PH : 00961 9 55 00 22

FAX : 00961 9 55 00 44

MOB : 00961 3 29 10 30

WEB : WWW.SEATEC-SARL.COM

EMAIL : SEATEC@SEATEC-SARL.COM





SUPERVISING EXPERTS AND TECHNICAL ENGINEERING CONSULTANTS SINCE 2000

/ ABOUT US /

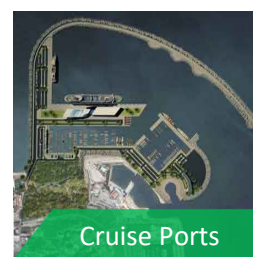
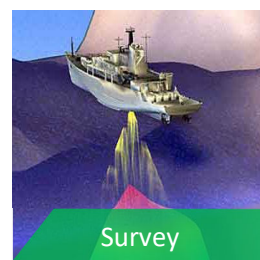
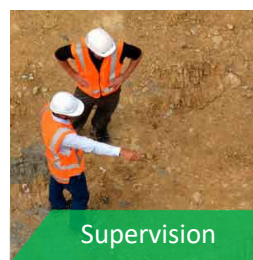
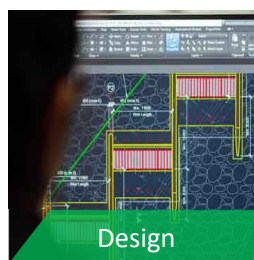
SEATEC provides its clients with design and supervision services in coastal and port engineering, covering surveying, site investigation, tender and detailed design, numerical modeling, feasibility and EIA studies, permitting, construction planning, management and supervision.

Serving public as well as private sectors in Lebanon and abroad since 2000, **SEATEC** is dedicated to give its clients the best engineering assistance.



OUR SERVICES

*SEATEC IS COMMITTED TO PROVIDING ITS CLIENTS
WITH THE BEST ENGINEERING SERVICES COVERING THE FOLLOWING:*



Cruise Ports - SEATEC scope

• DESIGN

- Conceptual, Tender and detailed design
 - o Port overall layout
 - o Dredging plan
 - o Berthing configurations
 - o Navigation plan (ATON)
 - o Marine structures (Breakwaters - quay walls - platforms)
 - o Facilities within the marina (Lift / hoist facility - slipway - fueling station)
 - o Cars circulation / parking
 - o Landscaping
 - o MEP (Electrical and water supply, power pedestals...)
 - o Feasibility studies
 - o Detailed drawings
 - o Tender documents, technical specification and BOQ
 - o Assistance of Client in bidding procedures
 - o 3D views and animation
- Modeling
 - o Numerical modeling of deepwater and nearshore waves and basins disturbances
 - o 2D/3D physical modeling and collaboration with international companies
- EIA / Permitting
 - o EIA studies
 - o Permits follow up

• SURVEY

- Topographic survey
- Bathymetric survey (multi beams echo sounding)
- Underwater inspection (diving, underwater pics and videos, sampling, assessment of existing structures conditions)
- Geotechnical investigation: Follow up on site of drilling and sampling operations (onshore and offshore)

• SITE SUPERVISION

- Follow up by SEATEC supervision team of works execution on site (daily presence)
- Instructions for contractors
- Inspection
- Approval of contractor payments

MPWT	: Ministry of Public Works and Transport
DGLMT	: Directorate General of Land and Marine Transport
DGRB	: Directorate General of Roads and Buildings
POTA	: Port Of Tripoli Authority
EDL	: Electricité Du Liban



CRUISE PORTS

• JOUNIEH CRUISE PORT (LEBANON – CLIENT : DGLMT)

- Conceptual Design of a Cruise port. (2012 - 2013 - 2014)
- Detailed design of the Cruise Port (Main breakwater L=2200m, Secondary breakwater L=430m, main quay wall @ -12,00m, L=550m for mega cruise ships (LOA=360m), 160,000m² of platforms with all related facilities, 2 marinas (450 berths) a terminal building for 5000 passengers.). (2016 - 2017)
- Design and Supervision of Works for the phase 1: Land reclamation, Accropodes blocks casting. (2017 - 2018)
- Design of execution works for phase 2 (Main breakwater works). (2017)
- Works supervision of phase 1. (2017 - 2019)
- Works supervision of phase 2. (2018 - 2021)
- Design of execution works for phase 3 (Main breakwater works). (2019)



JOUNIEH CRUISE PORT



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THE END

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