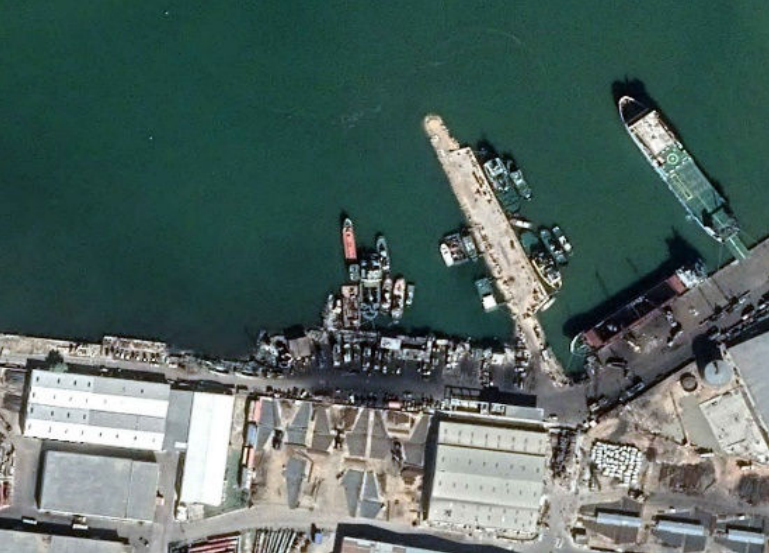
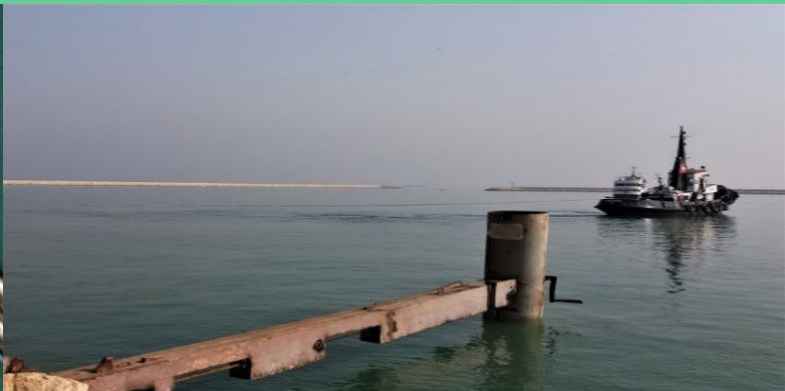
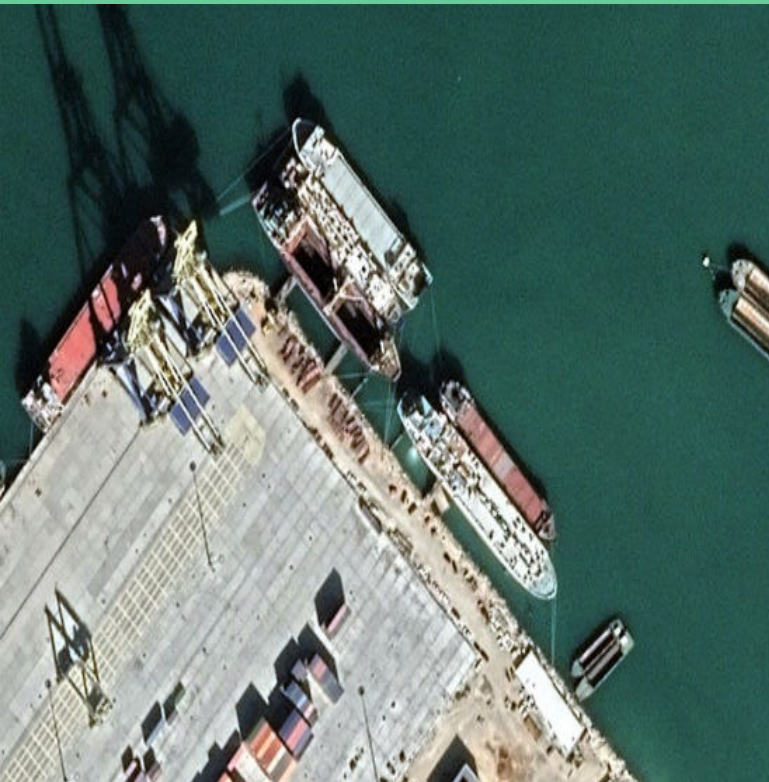




MOORING STRUCTURES

SEATEC SARL

We understand the language of Waves



LEBANON

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

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SUPERVISING EXPERTS AND TECHNICAL ENGINEERING CONSULTANTS SINCE 2000

/ ABOUT US /

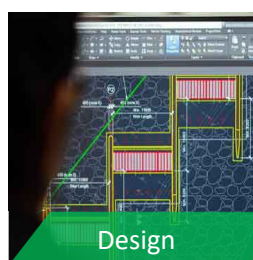
SEATEC provides its clients with design and supervision services in coastal and port engineering, covering surveying, site investigation, tender and detailed design, numerical modeling, feasibility and EIA studies, permitting, construction planning, management and supervision.

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

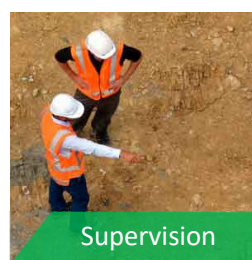


✓ OUR SERVICES ✓

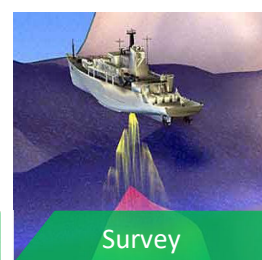
*SEATEC IS COMMITTED TO PROVIDING ITS CLIENTS
WITH THE BEST ENGINEERING SERVICES COVERING THE FOLLOWING:*



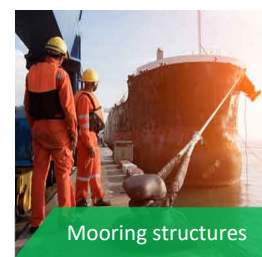
Design



Supervision



Survey



Mooring structures





Mooring Structures - SEATEC scope

• DESIGN

- Conceptual, Tender and detailed design
 - o Site selection and evaluation
 - o Berthing configurations
 - o Feasibility studies
 - o Detailed drawings
 - o Tender documents, technical specification and BOQ
 - o Assistance of Client in bidding procedures
- 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
DGLMT
DGRB
POTA
EDL

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



MOORING STRUCTURES



- **MOORING DOLPHINS AT TRIPOLI COMMERCIAL PORT (LEBANON – CLIENT : POTA)**

Design and supervision of 2 mooring dolphins for tug boats. (2009)

- **MOORING AND BREASTING DOLPHINS AT TRIPOLI COMMERCIAL PORT (LEBANON – CLIENT : POTA)**

Design of 3 mooring dolphins for tug boats. (2010)

- **MOORING PILES AT TRIPOLI COMMERCIAL PORT (LEBANON – CLIENT : POTA)**

Design and supervision of 9 mooring piles for ships under maintenance. (2017)



MOORING DOLPHINS AT TRIPOLI COMMERCIAL PORT



MOORING PILES AT TRIPOLI COMMERCIAL PORT



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THE END

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