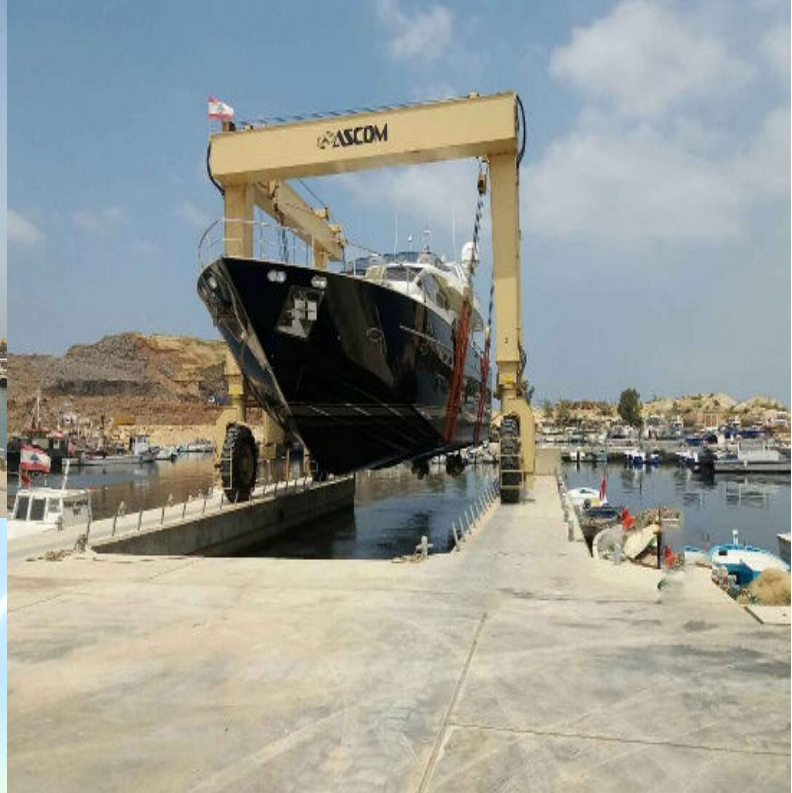




LIFT STRUCTURES

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
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SUPERVISING EXPERTS AND TECHNICAL ENGINEERING CONSULTANTS SINCE 2000

/ ABOUT US /

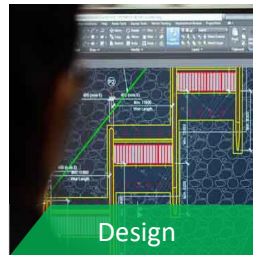
SEATEC provides its clients with design and supervision services in coastal and port engineering, covering surveying, site investigation, tender and detailed design, numerical modeling, feasibility and EIA studies, permitting, construction planning, management and supervision.

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

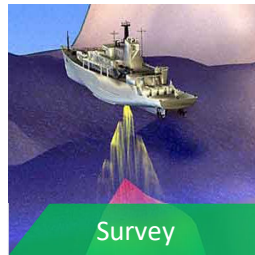
*SEATEC IS COMMITTED TO PROVIDING ITS CLIENTS
WITH THE BEST ENGINEERING SERVICES COVERING THE FOLLOWING:*



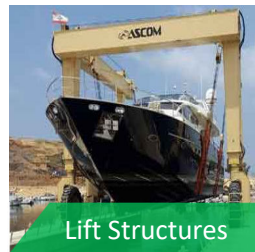
Design



Supervision

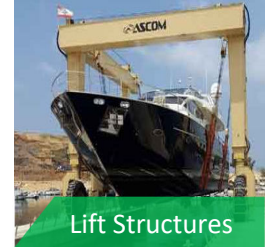


Survey



Lift Structures





Lift Structures - SEATEC scope

• DESIGN

- Conceptual, Tender and detailed design
 - o Site selection and evaluation
 - o Dredging plan
 - o Berthing configurations
 - o Navigation plan (ATON)
 - o Marine structures
 - 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)

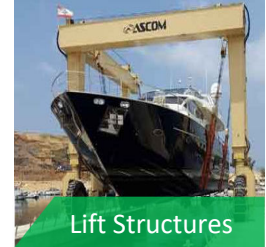
• SITE SUPERVISION

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

MPWT
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





Lift Structures

LIFT STRUCTURES

• FLOATING DOCK AT TRIPOLI COMMERCIAL PORT (LEBANON – CLIENT : OEPT)

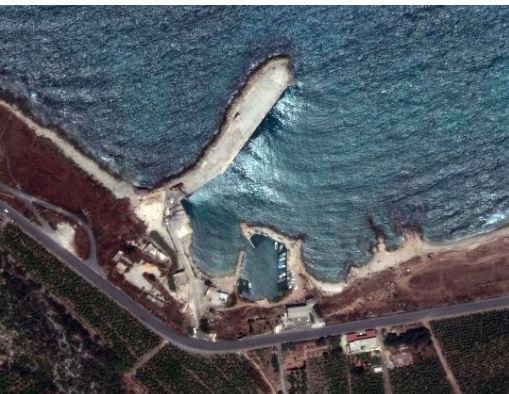
- Design of all facilities for a DBOT floating dock at OEPT (L= 170m / Lifting capacity 8,000 DWT)
- Quaywall (Concrete PCB / Gravity QW) @ -14.00m
- Dredging works for basin and access channel @ -10.00m
- Topographic and bathymetric survey (40,000m²). (2017 - 2018)

• 100T HOIST AT DORA FISHING PORT (LEBANON – CLIENT : DGLMT)

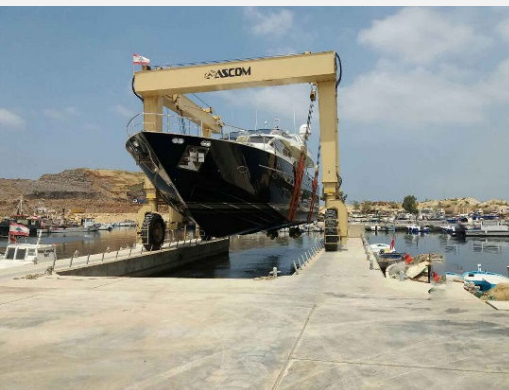
- Design and supervision. Refer to Dora Fishing Port works. (2012 - ... - 2018)

• 5T JIB CRANE AT NAQOURA FISHING PORT (LEBANON – CLIENT : DGLMT)

- Topographic and bathymetric survey, design and supervision. (2009)



JIB CRANE AT NAQOURA FISHING PORT



100T HOIST AT DORA FISHING PORT



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THE END

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