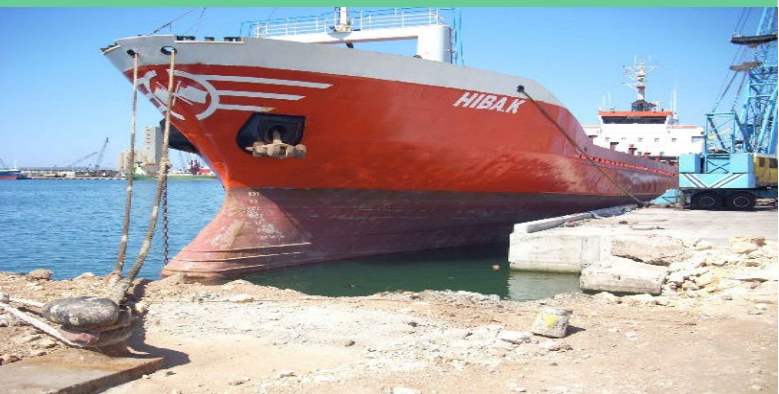
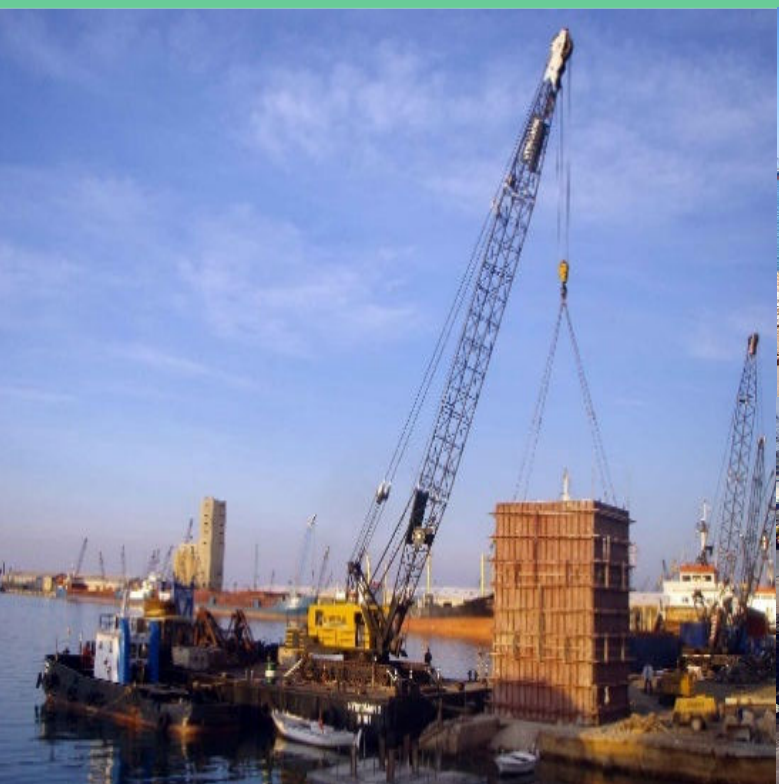




COMMERCIAL PORTS

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 /

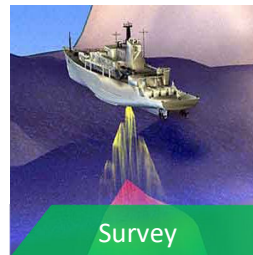
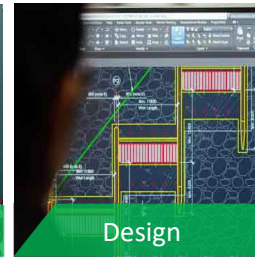
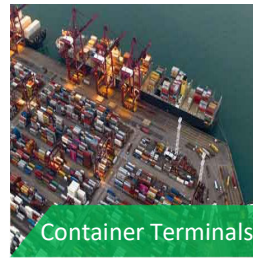
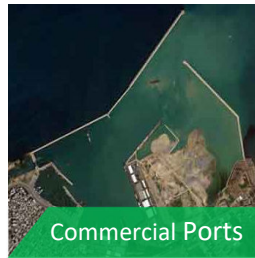
SEATEC provides its clients with design and supervision services in coastal and port engineering, covering surveying, site investigation, tender and detailed design, numerical modeling, feasibility and EIA studies, permitting, construction planning, management and supervision.

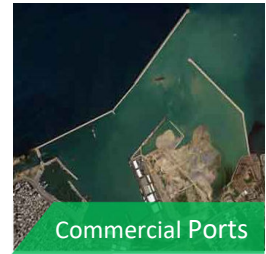
Serving public as well as private sectors in Lebanon and abroad since 2000, **SEATEC** is dedicated to give its clients the best engineering assistance.



OUR SERVICES

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





Commercial Ports – SEATEC scope

• DESIGN

- Conceptual, Tender and detailed design
 - o Port master planning
 - o Dredging plan
 - o Berthing configurations
 - o Navigation plan (ATON)
 - o Marine structures (Breakwaters - quay walls - platforms)
 - o Facilities within the port (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)

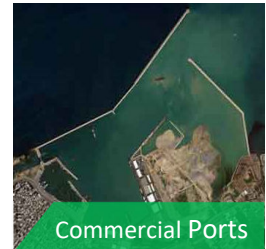
• SITE SUPERVISION

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

MPWT
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





Commercial Ports

• TRIPOLI COMMERCIAL PORT (LEBANON – CLIENT : POTA)

- Design of Land reclamation areas using demolition of Nahr El Bared Buildings and Supervision of works. (2008 - 2009)
- Design and Supervision of Works of Water supply system for ships: GRP pipes installation, trenching, digital water meters, pumps, data transfer by radar to OEPT headquarter. (2009 - 2010)
- Design of a breasting dolphin for the Pilot tug and Supervision of works. (2009)
- Design and works supervision of quaywall N7 extension @-8.75m for 10,000 DWT vessels (Precast Concrete blocks, capping beams, land reclamation, RC platforms, 100T bollards and fender installation.). (2009 - 2010)
- Design of a passenger quaywall @-8.00m. (2009)
- Design and Supervision of Dredging works and debris removal along quaywalls. (2010 - 2011)
- Design of breasting dolphins for 5,000 DWT ships and basin dredging. (2010)
- Design and Supervision of 2 breasting dolphins (piles). (2010)
- Design of passenger terminal adjacent to main breakwater (quaywall @-10.00m). (2011)
- Topographic and bathymetric survey of port basins for the economical zone. (2015)
- Design of a quaywall and platform for scrap works. (2015)
- Design of dredging works for entrance channel, basins and quay walls. (2015 - 2016 - 2021: Client CMA CGM)
- Design and Supervision of 9 mooring piles for ships berthing. (2017)
- Design of floating dock. (2017 - 2021)
- DBOT tender documents grain silos 120,000T. (2021)
- Design review of the container quay wall @-15.00m (piles / sheetpiles). (2021 : Client CMA CGM)

• NAQOURA COMMERCIAL PORT (LEBANON – CLIENT : DGLMT)

Preliminary Design of a container Terminal / general cargo port. (Main breakwater L=2,300m, secondary breakwater L=1,100m, main quaywall @-15.00m, L=900m for container terminal, main quaywall @-15.00m, L=700m for general cargo / mineral terminal, platforms with all related facilities. (2018)

• RECNOR (LEBANON - CLIENT : Chamber of Commerce of Tripoli and North Lebanon)

Conceptual Design of a Land reclamation from Tripoli to Klayaat at Northern Lebanon, covering an area of 11,700,000m² along a coastal length of 20km, including the extension of the Tripoli port container terminal (Main quaywall @15.00m, L=1000m for container terminal (1,750,000m²), a LNG / oil and gas jetties/ zone, industrial, general cargo and mineral terminals zone, and the extension of the Klayaat Airport. (2019)

• MIXED USE FACILITY (QATAR)

Technical Consultancy, BOQ pricing and method statement for contractor. (2007)

• GUARBEQUE QUAY (FRANCE)

Preliminary Design drawings of a pile supported quay wall with French Consultant. (2005)

• JICHY QUAYWALL (CONGO)

Design of pile/sheetpile quaywall @-13.00m (L=450m) for 40,000 DWT ships. (2014 -2015)

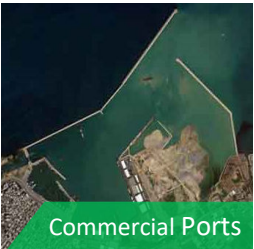
• RTA Facilities (UAE - Dubai)

Design of RTA facilities for water taxis at Dubai (Special hoist, quaywalls, platforms). (2014)

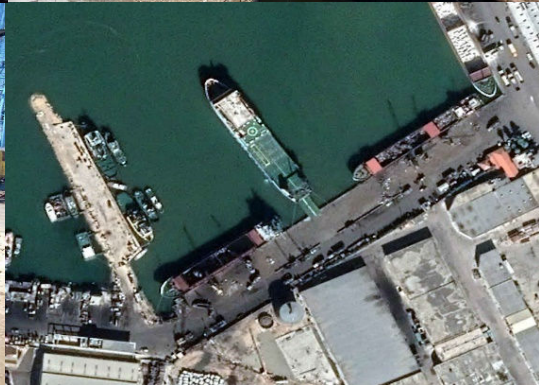
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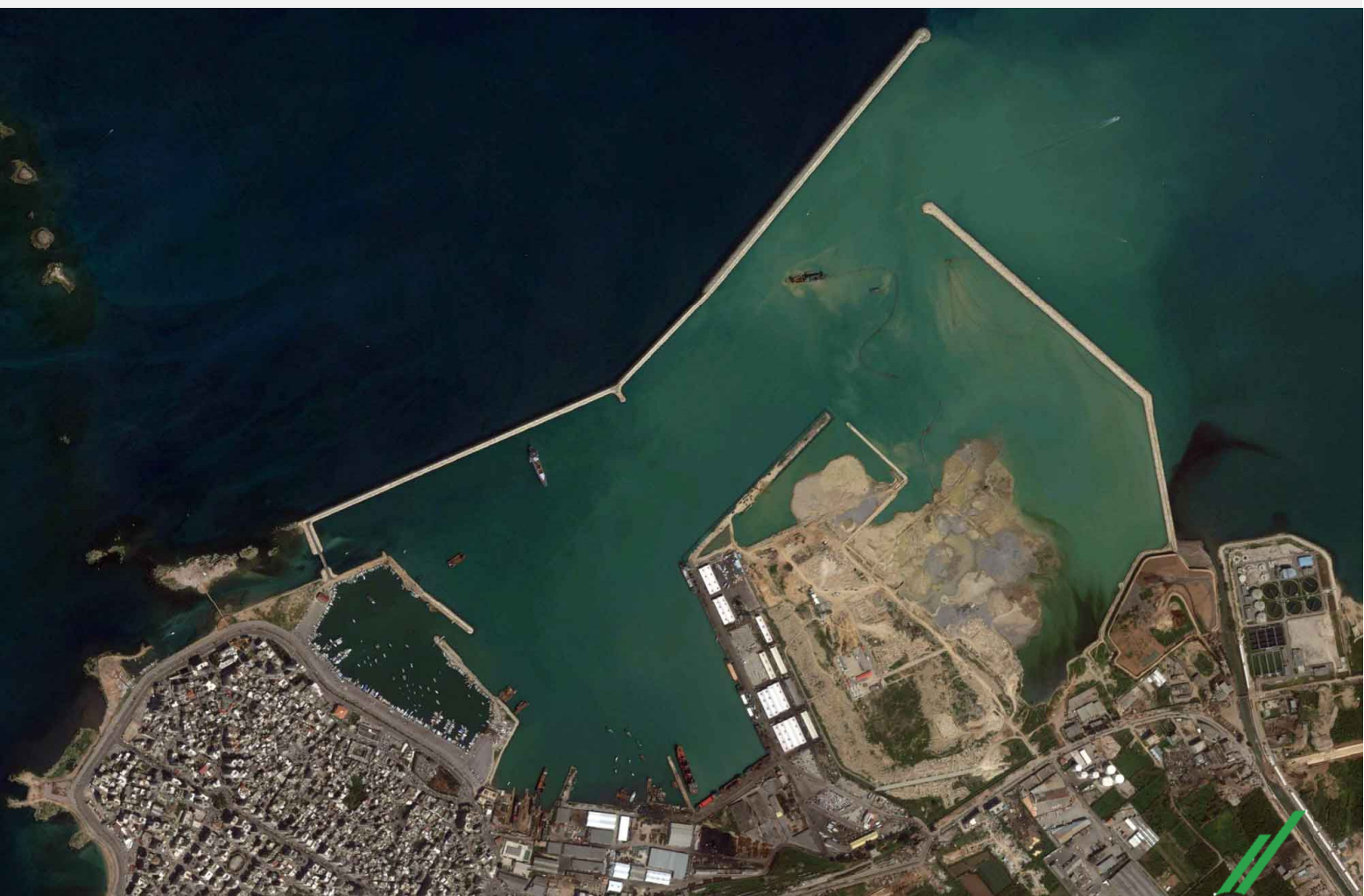




Commercial Ports



TRIPOLI COMMERCIAL PORT



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THE END

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