



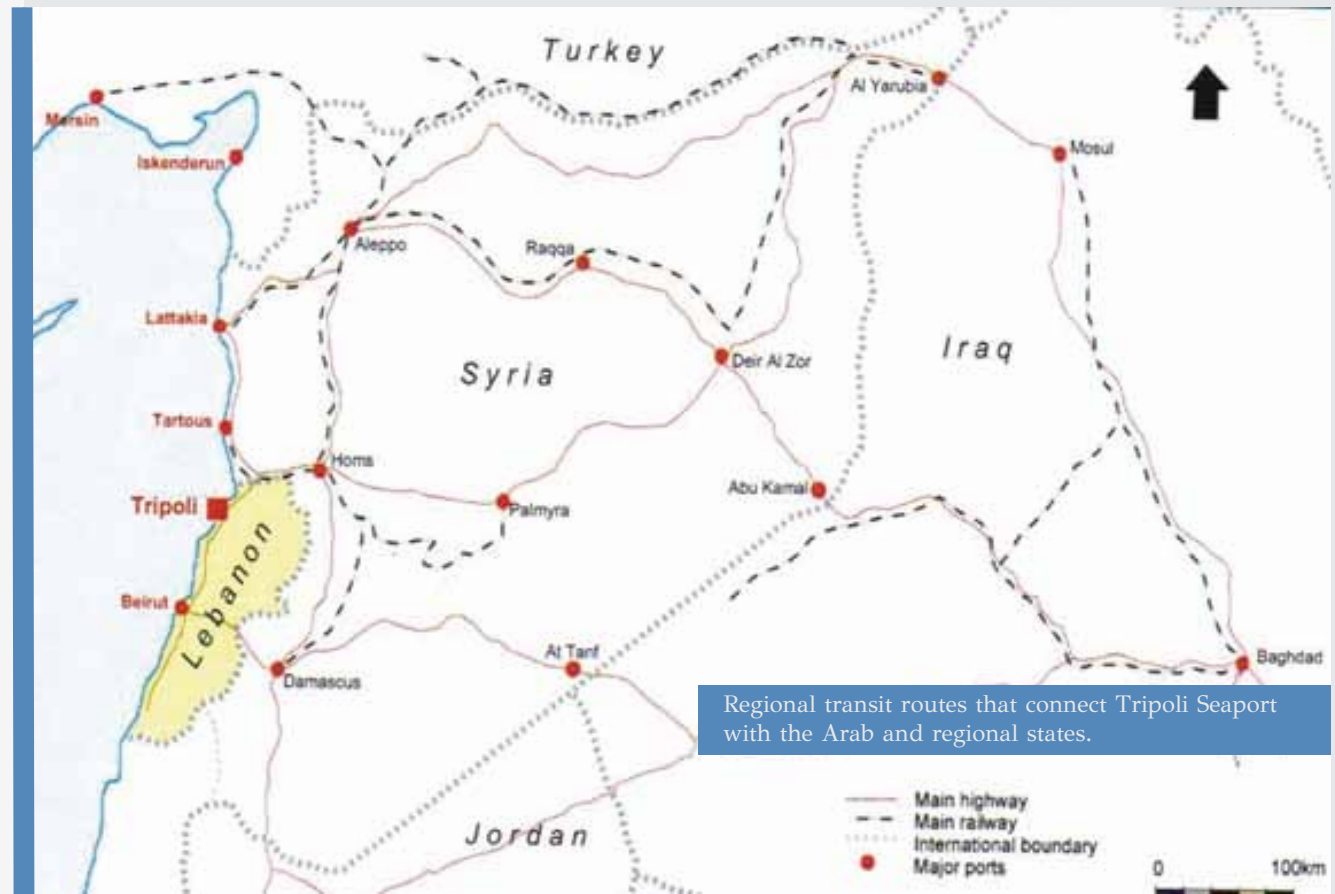
Tripoli Port Guide
(Lebanon)

Tripoli Port is one of the most important ports of the Mediterranean. It occupies a strategic location that connects the Asian east with the European west. It also enjoys a great potential to ensure land communication and transportation through transit with Arab and Gulf countries. Goods coming from Europe or America can smoothly pass through the port of Tripoli to Syria, Jordan, Iraq and the Arab states of the Gulf without any mountainous relief. On top of that, the close proximity of Tripoli port to the Suez Canal (only 300 nautical miles) accord to it another doubtlessly considerable advantage.

As for the unique geographic location of the port, it surely adds to its competitiveness particularly that its sheltered from wild winds by the heights of Ras Al Shaq'a cape in Chekka region, from the south side, reaching through 12 km across the wharf. This makes the port available throughout the year regardless of adverse weather conditions. For heightened protection, the port is also equipped with two breakwaters. The main one is 1900 m long whereas the secondary one is 1300 m long. This ensures a complete protection of the port from both northern and western winds and storms.

Tripoli port is equally distinguished for the expansions and developments it continuously undergoes. Originally, the ports total water and land surface is 3.000.000 m². Yet, among the recent expansion achievements are a 600 m long and 15.2 m deep quay and a rear zone of 650.000 m². The anticipated plan is to extend the length of the quay to 1200 m and to deepen the basin to 18 m draught, to backfill a stacking area of 160.000 m², and to establish a special economic zone on a 550.000 m² surface area. Besides, there's a possibility to expand north-wise by backfilling an additional water area of up to 750.000 m². By realizing these plans of expansion and development, Tripoli port would be capable of hosting three to four big-size container ships which length ranges between 250-350 m, beside one big-size cargo ship which length could reach up to 250 m. Not to mention the presence of 8 quays to host standard sized cargo ships.

Tripoli port has been awarded ISO 9001 quality certification and is now proceeding in implementing of environmental as well as occupational health and safety management system (ISO 14001 and 18001).



Distance in kilometers between Mediterranean seaports and Arab cities that benefit from them.



The international Silk Road that passes through Tripoli Seaport

Ports	Cities					
	Damascus	Amman	Baghdad	Erbil	Basra	Riyadh
Beirut	195	388	941	931	1465	2293
Tripoli	109	303	970	1008	1455	2274
Latakia	360	625	1150	1050	1550	2400
Tartous	259	449	944	955	1456	2284
Haifa	266	171	998	1259	1513	2156
Mersin	672	872	1349	1014	1860	2688
Port Said	690	591	1424	1681	1935	2578

1. Port Description

Location: Tripoli, North Lebanon, on the eastern basin of the Mediterranean Sea.

Longitude: 350'' 49.5 East

Latitude: 340'' 27 North

2. Basic Information

Timing: GMT +3h in the summer

GMT +2h in the winter

Summer timing: it starts on the last Sunday of March every year and the clock turns one hour forward, and ends on the last Sunday of October every year when the clock turns one hour back.

3. Compatibility of the seaport with the ISPS International Code

Port number: 18835

Port code: LBKYE

4. Natural characteristics

Weather: the wind is mostly oriented southwest. In the winter, it is oriented northeast and its velocity ranges between 10-70 km/h

Water density: 1027 kg/L

Rain season: From September to March

Tidal range and flow: less than 0.5 m

5. Port Specifications

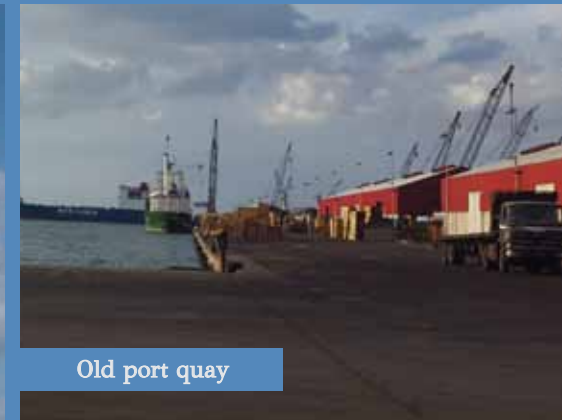
Total surface area: 3.000.000 m²

Water area: 1.500.000 m²

Land area: 1.500.000 m²



Old port quay



Old port quay



Public warehouses



Vessels maintenance quay



Vessels maintenance quay



Advanced buoys

6. Maximum Design Capacity

Current maximum capacity for general cargo: 3.000.000 tons

Future maximum capacity for general cargo: 4.500.000 tons

Current maximum capacity for containers: 400 containers

Future maximum capacity for containers: 1.300.000 containers (TEU)

Size and volume of circulating goods (2016): 1.917.341 tons

Largest vessel the port can currently host: ship carrying 52.500 DWT, length 300 m

Number of vessels (2016): 814

Work hours: 7:00 am – 3:00 pm. 24/7 shift coverage upon demand.

7. Navigation characteristics

Navigation channel: channel length: 1 nautical mile, width: 237 m, depth: 16 m.

Rotation circle: diameter 450 m, depth 16 m.

Approach zone: 0.5 nautical mile away from the advanced buoys that operate on solar energy.

Pilotage: incumbent for all vessels.

Towing: incumbent for all vessels.

8. Quays Details

Quays number	Type	Length (m)	Depth (m)
1	Container ships	400	15.2
	Multifunctional (particularly dry cargo)	200	15.2
2-5	Multifunctional (particularly general cargo)	600	8-10
6-8	Multifunctional (Ro-ro ships)	200	8-10
9-10	Ship maintenance	200	5-9

Multifunctional*: general cargo, dry bulk, Ro-ro, Steel scrap, passengers, vessel maintenance.

9. Cranes and machineries used at the port

54 mobile cranes: 50-300 ton

24 forklift: 5-10 tons

15 Grabs, for dry bulk handling with capacity of 2-10 tons

8 bulldozers

75 trucks

1 tugboat (Al Rachid)

Dry Bulk storage, handling, packaging and sacking Equipment.

Cranes and machineries used in the container terminal

2 Gantry cranes: STS (Ship to Shore), super post panamax, length 63 m, height 46 m.

12 Rubber Tired Gantry cranes: RTG

15 tractors



10. Pilot Station equipment

type	number	power	role
Tugboat	1	HP 5600 / 75 BP	Towing ships
	1	HP 4300/ 65 BP	
	2	HP 1800/ 24 BP	
	1	HP 390/ 12 BP	
	1	HP 340/ 10 BP	
Boat	3	HP 380/ 18 Knots HP 320/ 16 Knots HP 56/ 8 Knots	Guidance
Barge	3	30 ton/ hr – 220 tons capacity 30 ton/ hr – 110 tons capacity	Supplying ships with fresh water



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11. Cargo storage capacity characteristics

Total surface area and the number of yards and warehouses			
	Total surface area (m2)	Number of warehouses	Number of yards
Old port	68.000	13	10
Free zone	152.000	55	46
Container ships storage yard	80.000*	0	1
Granaries**	Total surface area (m2)	Number of warehouses	General capacity (for grains)
	36.000 m2	12 (10 tons capacity)	120.000 tons

* The current area of the container terminal. Its maximum capacity is 400.000 container ship, yet it is to be expanded to cover 302.000 m2 and to handle maximum 1.3 million container (TEU).

** Under construction, to be finished in the second half of year 2018.

12. Free zone

Surface area: 153.000 m²

Tariff for the occupancy of the warehouse and yard by the private sector based on the standard system from one to five years: for yards \$ 15/m per year, \$ 25/m per year for warehouses

Tariff for Build – Operate – Transfer (BOT) from 5 – 25 years:

\$ 8/m² per year for the first five years

\$ 10/m² per year for the second five years

\$ 12/m² per year for the third five years

\$ 14/m² per year for the fourth five years

\$ 16/m² per year for the fifth five years

A free zone where merchandise is sold to travelers and ship crews.

13. Port facilitations and utilities

EDI (Electronic Data Interchange):

includes the interchange of financial and commercial data, fees registration, tariffs and e-services.

Website: allows customers to obtain information about all laws, fees, programs, services, daily ship movement, tariff structure governing fees, and service allowances. The website: www.oept.gov.lb

Transport and Logistics

Fresh water	8 intakes supplying ships water with 16 tons/hr
	Barge with a tank to supply ships inside and outside the berths with water
Electricity	Electric lights 20 solar lights Electrical power is provided to ships and merchandise upon demand based on the applicable tariff.
Operation Fuel	Fuel station within the port
Hygiene	Cleaning services provided by two companies. One manages the hygiene at the inside of the administrative building while the other ensures the cleanliness of quays, roads inside the port and the free zone. Availability of street sweeper truck
Waste	Availability of waste containers to collect the waste produced
Ship waste	Companies licensed to collect the trash and waste produced by ships based on measures managed by the agent in charge of the ship.

14. Environment, Health, Safety and security characteristics

Security and surveillance	A security and surveillance company provides 40 guards to ensure 24/7 protection of all the sections of the port, including buildings, yards, warehouses and the free zone.
Safety service and pollution control	A department concerned with the environment, health and occupational safety was established in 2012. This department works on the implementation of the Occupational Health and Safety Management System ISO 14001 & 18001. A marine science laboratory is equipped with the needed equipment necessary to detect and measure the water pollution. Availability of oil spill containment equipment.
Rescue operations and fire fighting	An emergency plan is set and a team is trained to carry on rescue and fire-fighting operations. Fire extinguishers are available in the building, warehouses and yards.
Parking lots	The administrative and guest parking has capacity of 50 cars.
Water cycles	4 WC across the port
Other services	3 cafeterias for the management premises and the quays An office for the workers' union Dispensary Prayer room



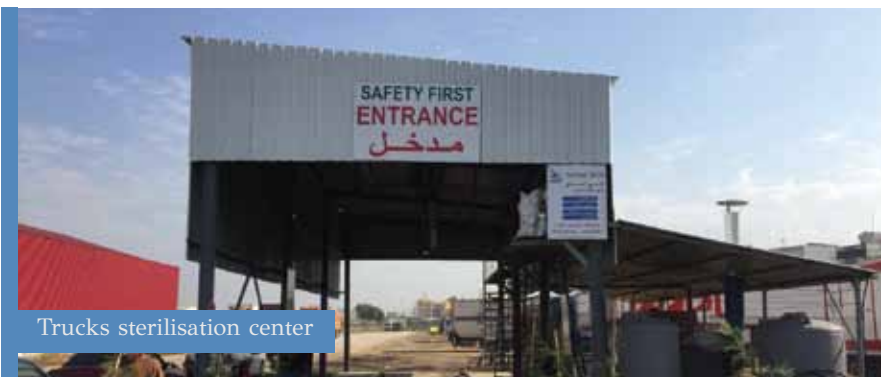
Fuel station inside the port



Marine sciences laboratory equipment



Street sweeper truck



Trucks sterilisation center



Oil containment tools





Port phone numbers:

Lebanon dialing code: 00961

Chairman of the board: 06/220179

Port director: 03/506618 – 06/220178

Head of the trade department: 06/601352

Head of the technical department: 06/210675

Head of the administrative department: 06/211775

Head of the financial department: 06/220177

Head of the handling service: 03/889693

Head of the ports operation and management: 06/205797 – 03/260771

Head of the free zone: 03/208635

Environment, health and safety division: 06/601225 (153)

Head of warehouses: 03/569858

Harbormaster: 06/600283

Pilot station: 06/600051

Common maritime operation room: 06/616839 (34)

Public security: 06/220123

Customs: 06/600277

Intelligence unit: 06/610533

Container terminal: 06/215270 (1, 2, 3, 4)

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The unique and competitive features of Tripoli Port qualify it as the most central and vital port of the Mediterranean. This is essentially owed to the Master Plan that will upgrade it to an advanced logistics port that will ensure all supply chains services in the least time and at the lowest cost possible.

This booklet presents an overview of Tripoli Seaport and highlights the geographical, natural and graphic characteristics of the port as well as its competitive features in terms of mechanical, electronic and human resources. The booklet also makes mention of the port's logistical activities as well as those concerned with the environment, health and harbor and shows clear proof the ports conformance to the agreements and treaties of the International Maritime Organization (IMO).

Tripoli Port Director

Dr. Ahmad Tamer