



PORT INFORMATION



PORT OF ITAQUI

Public port, whose the administration is of EMAP's responsibility – as Port Authority

Address: Porto do Itaquí s/n – Itaquí – São Luis – MA – BRASIL.

Postal code: 65085-370

UN/LOCODE: BRIQUI



ZYON
SHIPPING AGENCY

1. INTRODUCTION

The Port of Itaqui is nestled in a coastal inlet to the northwest of São Luis island, at the geographic coordinates between the latitude parallels of 02° 34' S and 02° 36' S, and the longitude meridians of 44° 21'W and 44° 24' W, lies a location 11 km away from the city center.

Itaqui is equipped to handle all demands, SHINC ATDN, while adhering to the maneuvering and anchorage guidelines set by the Harbor Master of the state of Maranhão.



CHARACTERISTICS OF THE ACCESS CHANNEL	CURRENT SIZE/DEPTH
Depth	23 meters
Maximum Breadth	500 meters
Maximum allowable draft	22.50 meters
Length	101 KM

1.1 Nautical charts

Nautical Charts - 400, 411, 412, 413, and 414 from the Brazilian Navy Hydrographic Center (DHN); BA-535 and BA-543 from the British Admiralty.

1.2 Characteristics of berths

BERTH	DWT	LOA	BEAM	MAX DRAFT	CARGOES	AIR DRAFT	BUNKER	FW
99	72,800	225	40	14.50 + TR	Dry bulk General cargo	N/A	No	Yes
100	100,000	240		14.50 + TR	Grains* Other dry bulks	17.50*	No	Yes
101	80,000	200		11.50 + TR	Coal Fertilizers Others	N/A	No	Yes
102	80,000	200		11.50 + TR	LPG Dry bulk General cargo Container	N/A	Yes	Yes
103	100,000	229		14.50 + TR	Grains* Other dry bulks	17.50*	No	Yes
104	80,000	184		12.50 + TR	Liquid bulk	N/A	Yes	Yes
105	150,000	229		45	17.50 + TR	Grains Copper Manganese Pig Iron	See blw*	Yes
106	150,000	280	50	18.50 + TR	Liquid bulk	N/A	No	Yes
108	91,600	245	40	14.50 + TR	Liquid bulk	N/A	No	Yes

* Berths 100 and 103

- These berths are designated for grain shipments, and the maximum allowable air draft for Vessels is 17.50 meters.
- No air draft restrictions for others.

* Berth 105

MAXIMUM ALLOWABLE AIRDRAFT	
Grains	15 meters
Manganese	18.50 meters
Pig Iron	18 meters

COPPER	
Vessels up to 40kt of DWT	11.50 meters
Vessels up to 59kt of DWT	12.40 meters



1.3 Port equipment and shore facilities

1.3.1 Fertilizers

The port of Itaqui plays a significant role for fertilizer companies operating in the state of Maranhao and surrounding areas. As a result, it must provide a highly modern infrastructure for efficient discharge operations and warehousing.

- Conveyor Belt System + Warehouse

Berth 101 – It is equipped with a conveyor belt system owned by the port operator, COPI. This system is connected to a designated shore hopper, where cargo is poured using a shore crane and shore grabs, before being conveyed to the warehouse.



Equipment	Shore crane + Conveyor Belt System (Available at berth 101, only)	
NOMINAL DISCHARGING RATE		
Fertilizers – Owned by COPI	9,048 tons per day	
Coal – Owned by ENEVA (Automatic unloader)	10,992 tons per day	

Equipment	Vessel's crane and shore crane (Shore crane available only at berths 101, 102 and 103)	
NOMINAL DISCHARGING RATE		
Fertilizers	7,200 tons per day (Two gangs) 4,800 tons per day (one gang)	
Urea Bentonite Slag	6,000 tons per day (Two gangs) 3,600 tons per day (one gang)	
Clinker Limestone	7,008 tons per day (Two gangs) 4,896 tons per day (one gang)	
Coal Antracite	9,000 tons per day (Two gangs) 6,288 tons per day (one gang)	
Wheat Rice	6,720 tons per day (Two gangs) 4,800 tons per day (one gang)	

Berth 100 and 103 – They are designed for grain shipments, equipped with a TMSA branded ship loader with spout for trimming, on rails.

Equipment	Ship loader + Conveyor Belt System	
NOMINAL LOADING RATE		
Berth 100	3,000 tons per hour	
Berth 103	2,500 tons per hour	



Berth 105 – It is designed for grain/copper/pig iron/manganese shipments, equipped with a ship loader with spout for trimming, on rails.

Equipment	Ship loader + Conveyor Belt System
NOMINAL LOADING RATE	
Grains	2,500 tons per hour
Pig Iron	1,042 tons per hour
Manganese	667 tons per hour
Copper	708 tons per hour

2. ANCHORAGE AREAS

São Marcos Bay presents challenges for anchorage due to its unsuitable bottom conditions, which are exacerbated by the strong currents that can reach up to 6 knots during high and low tides. These factors have led to incidents of vessels losing their anchors and running aground on the numerous sandbanks and shallow areas of the bay. To mitigate these risks, the Port Authority advises captains to ensure that their crews are on duty and properly trained to carry out emergency maneuvers while anchoring their vessels.

**“ Anchorage is not allowed in the maneuver area,
nor at the entire extension of the port's access channel”**

RECOMMENDED ANCHORAGE AREAS				
NAME	LOCATION			REMARKS
	Points	Lat (S)	Long (W)	
ONE (01)	A	01°58'5	044° 07,0'	Vessels on dispute; Vessels undergoing huge repairs; Vessels over 80,000 DWT and draft of more than 11 meters.
	B	01°55,5	044° 09,0'	
	C	01°49,2'	043°58,4'	
	D	01°51,8'	043°56,5	
TWO (02)	A	02°02,9'	044°03,4'	For ships with drafts of 20 m or more. Pay close attention to the underwater cables in the west sector of this area.
	B	02°05,4'	044°03,4'	
	C	02°06,0'	044°07,2'	
	D	02°04,4'	044°06,1'	
THREE (03)	A	02°08,3'	044°08,7	For ships with drafts of 20 m or more. Pay close attention to the underwater cables in the west sector of this area.
	B	02°10,9'	044°09,'	
	C	02°12,1'	044°10,0'	
	D	02°12,1'	044°11,0'	



RECOMMENDED ANCHORAGE AREAS (continuation)				
NAME	LOCATION			REMARKS
	Points	Lat (S)	Long (W)	
FOUR (04)	A	02°19,2'	044°12,2'	Vessels under 80,000 DWT and draft of more than 11 meters.
	B	02°21,4'	044°09,8'	
	C	02°24,4'	044°12,8'	
	D	02°27,4'	044°17,2'	
	E	02°26,6'	044°19,4'	
FIVE (05)	A	02°22,2'	044°20,3'	Vessels under 80,000 DWT and draft of more than 11 meters.
	B	02°25,0'	044°21,3'	
	C	02°24,4'	044°22,2'	
	D	02°20,1'	044°20,4'	

- Anchorage area #7

To anchor in this area, it is necessary to obtain express authorization from the Port Authority, and additional safety measures are required during the request process.

3. PILOTAGE

All ships maneuvering to berth or depart from any berths at the Port of Itaqui must have a pilot on board as it is mandatory.

3.1 Pilot boarding zone

The designated zone for the pilot to embark and disembark from the ship is situated 1.2 miles West of the Medo Island lighthouse or any other location specified in the nautical chart DHN 412.

3.2 Pilotage communication

VHF channels 14 and 16

4. WEATHER CONDITIONS

Maranhão is subject to multiple tropical climatic patterns, each with varying amounts of rainfall and vegetation coverage. The state has a warm, semi-humid tropical climate, with average temperatures hovering around 26.7°C. The temperature range in the state's capital city, São Luis, and coastal regions fluctuates between 23.4°C (during winter) and 31°C (during summer), creating favorable weather conditions for the Port of Itaqui and surrounding areas.

5. WATER DENSITY

Average density is 1.016 ~ 1.022

OUR FULL STLE

Av. Cel. Colares Moreira, Ed. Los Angeles, Sala: 01
Renascença, Nº 100, São Luís - MA
Postal Code: 65075-441
ops.slz@zyonshipping.com.br
+55 98 984178958

@zyonshipping

