

Puerto Corinto: plant and port facilities

AREAS	AREAS m ²	USE
Transit warehouses 1 and 2	2 x 2,437.00m ² (117.6m x 50.4m)	GENERAL MERCHANDISE
Transit warehouse 3	2,437.00m ² (95.2m x 25.6m)	FRUIT IN BOXES
Yards	30,000.00m ²	GENERAL CARGO
Container yard*	23,000.00m ²	CONTAINERS
* The Container yard is available for general merchandise that requires additional space.		

General Cargo Terminal: Has a marginal wharf, 370 meters long and 22.5 meters wide with a reinforced concrete structure, it has a depth of 12.70 m (design) al NMM, has two berths and as its name indicates, this is where loading and unloading of general cargo and bulk cargo is done.

It can accommodate two medium-sized boats, **1,300'** approximately. It has two warehouses for handling cargo in transit with a total area of **11,850.0 m²**. The port has an outdoor storage area of approximately **3.0 hectares** . Vessels can berth both port side or starboard.

The dock for general cargo has rubber defenses to protect the ship and the wharf and has a maximum draft of 12.60 meters.

Container Terminal: Has a marginal wharf of 240 mts built with precast elements of reinforced concrete. It has a depth of 13.35 m at NMM Includes sufficient space to moor a second generation vessel of 244.0 m in length. 2.30 hectares of yard are available for storage of containers and / or for storing general merchandise with a total capacity of 1,500 TEUs and 3,000 TEUs in transit.

La Terminal cuenta con una grúa Pórtico montada en riel con capacidad de 40 Ton. The terminal has a rail-mounted Gantry crane with a capacity of 40 tonnes using a Spreader and 45.0 with a hook and 100' of reach. , Vessels can berth both port side or starboard. The port has equipment for frontal handling of containers of 20 ',35' and 40 '. The volume of cargo handled at the General Cargo and Container berths ranges between 0.5 and 1.2 million tons per year.

Liquid Cargo Terminal: It has a Wharf of a type called "Caballote" (Duke of Alba) with a depth of 13.35 m at NMM, it is a berth for one single tanker with a maximum capacity of 25,000 DTW. It has a storage area of 1.09 hectares where the tanks are

installed – these are owned by their users. Like the other terminals, berthing is possible from both sides of the ship. The Nominal length of the berth is of 500 to 600 feet. Pipelines for loading and unloading liquid products are installed and owned by the users of the terminal.

Terminal for Bananas: It has a pier called Duque de Alba, which is used as a specialized berth for the shipment of products packaged in boxes, especially bananas. According to design, the depth 10.0 m. It is equipped with conveyor belts with four loaders that lead to the storage areas of the ship. It has a support area of 1.55 hectares which includes a cellar of 2,500 m².

Warehouses and yards: Currently the Port has 80,000 square feet of open storage yards, of which 23,000 sq meters correspond to the storage area for containers, the rest is for storage of general cargo that requires no protection against the weather.

General Cargo yard: With a storage area of 16344.0 m² for the exclusive use of general cargo.

Container yard: For storage of containers, has an area of 23,000 m² including areas reserved for transit, has capacity for 1.500 TEUs.

Civil Maintenance yard: With a hard surface area of 6,556.52 square meters, used by the maintenance workshops for various activities and storage of vehicles in transit.

Lighthouses: A main lighthouse (El Cardon), which serves as a guide to get towards the Port and a set of headlights and / or towers for alignment ([day / night](#)).

Seven (7) Headlamps:

Lighthouse No. 1 and no. 2:	Known as Towers for alignment to mark the center of the outer Channel.
Lighthouse No. 3 and no. 4:	Known as Towers for alignment to mark the first part of the inner Channel.
Lighthouse No. 5 and no. 6:	Known as Towers for alignment to mark the second part of the inner Channel.
Lighthouse "C":	Known as The Lighthouse Cardon, and indicates the approach or proximity to the Port, visible from the sea from a distance of 10 miles away under appropriate weather conditions. Its torch is of the rotational type and its level is + 26.55 m above sea level.

Fifteen (15) Buoys, which are distributed as follows:

Buoy "C":	Pilot buoy marks the place of anchoring of vessels.
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Buoy. No. 8:	Warning buoy: Sandbank (Sawyer Bank).
Buoy No. 1,2,3,4,5 and 6:	Mark the outer Channel.
Buoys. No. 7, 9, 10 y 12:	Mark the interior Channel.
Buoys. No. 14, 16 and 18:	Mark the boundaries of the maneuvering dock.

Buoys that mark the boundaries: From IALA system "B" placed and listed across the inner and outer ship channel, including the maneuvering docks of the berths # 2 - # 3 - # 4 - # 5.

Buoy "C" Pilot Buoy: Used as a point of reference to indicate where to stop and anchor.

DGPS: Through direct dealings on behalf of the Central American Committee of Marine Transport COCATRAM and agencies such as US-AID - U.S. DOT, the equipment was installed as a navigational aid for the arrival to, entry in and departure of ships from the port.

Buildings

The port has the following buildings:

An Administrative Building of six plants for the Administrative staff with a total area of 1306.20 m².

A one story building known as the area for special Events "JOSE SHENDEL" with an area of 801.36 m².

A building for electro workshops and archives, with an area of 2171.58 m².

A general storage area (820. m²). for the exclusive use of the port from where it supplies all the materials and equipment that are required for the maintenance and operation of the port.

An area located on the top floor of the Customs building for the personnel operating the port.

Moreover, the port has large roofed areas for the maintenance staff of the port, for its surveillance personnel and for parking and storage of its equipment.

Water tanks

For the supply of potable water the port has three tanks, each with a storage capacity of 5000, 15000 and 50000 glns., connected to the network that supplies to the city. The tanks of 15,000. and 50.000 glns. are located on towers. The tank of 15,000 glns., directly provides the fire system of the transit warehouses N° 1 y N° 2 with water (Sprinklers), the other tanks (5,000 y 50,000) are used to provide drinkable water to the other areas of the port and to the vessels that require and solicit this service.

Plants and Electrical Installations

The port has plants and facilities to supply electrical power to the entire port, and even in the case of a power failure, supply electricity to the city and the harbor.

Fire pumps

There are two (2) pumps to bring water to a different hydrant that feeds the entire system to fight fire with salt water. These are located at the north and south of the port.

PORT EQUIPMENT

EQUIPMENT FOR CARGO HANDLING	QUANTITY	CAPACITY
Trailers	8	10 Tons
Trailers	6	12 Tons
Caterpillar Tractors	2	80 HP
Container trailers	9	40 HP
Container crane	1	45 Tons
Bulldozer	2	70.000 pounds.
Bulldozer	2	63.200 pounds.
Clamshells	4	1.8 Tons.
Hoppers	3	17.5 M ²

Container crane (Gantry) 45-Ton., capable of moving 25 containers per hour. Has been used for nearly 40 years.



Container handling equipment(4 Reach Stackers or front loaders, in regular condition and 2 new, recently acquired with a loan from a local bank.



Cargo moving equipment (trucks and trailers). Part of the loan from BANPRO was used to buy 3 trucks and 3 new trailers. In addition, and thanks to the support of a sister port authority, 4 new trailers were acquired at an almost symbolic price

Bulk cargo handling equipment (hoppers, Clamshell, etc.).



Vessels: We have two Bollard Pull tugboats with a 30 tonnes capacity each, to provide safety for the ships arriving at the port and / or for maneuvers that are performed in different berths. A vessel for hydrographic surveys to monitor the morphology of the canals and coast areas near the port, in addition to a vessel for pilotage.



PORT SERVICES

SERVICE TO THE SHIPS	SERVICE TO THE CARGO	SPECIAL SERVICES
Pilotage	Port rights	Rental Equipment
Mooring and unmooring	Storage	Rental of other tools
Stay	Wharfage	Weighing devices

Service to the ships: This service starts as soon as the ship stops at the buoy of the Pilot Station, where it waits for the pilot, who arrives from the pier in the Pilots vessel together with the Maritime Quarantine Authorities who perform a phytosanitary inspection. Then it transits with the assistance of the tugboat to its previously assigned mooring dock, navigating through the outer and inner channel, which are duly marked by a system of buoys. It then conducts an Official Visit to the Port Authorities and at the end, it starts the loading / unloading of goods.

Service to the cargo: Depending on the nature of the product or merchandise, the use of equipment (Clamshell, hoppers and others), port equipment and storage areas for vehicles, general purpose and refrigerated containers, and iso tanks is planned . In the case of liquid cargo the receiver / shipper of the product installs hoses and prepares the conditions for the storage of this product in their respective location or in tankers. Currently, the port has an Environment and Security Unit, which ensures the proper and correct cargo handling, as well as his integrity and custody inside the port.

Shipping lines

JL GRIFFITH
MARUBA
CHINA SHIPPING
CMA CGM
ANAKOSTA, SA
MAERSK MAERSK
ADNAVI
APL
NYK LOGISTICS
E. PALAZIO & CO, LTD