TOPAZ MARINE SERVICES (PTY) LTD

THE SOLUTION TO YOUR SHIPPING NEEDS

The Port of Cape Town

Latitude 33° 54’ S Longitude 18° 26’ E



Introduction

The Port of Cape Town lies in the shadow of Table Mountain, approximately 120 nautical miles north west of Cape Agulhas – strategically positioned almost at the southern tip of the African continent. The port serves cargoes moving between Europe and the western hemisphere and the Middle East and Australia, especially containers. Over the centuries Cape Town has evolved from a staging post on a major east-west trade route into a modern, full service general cargo port renowned for deciduous fruit and fish exports.

Weather conditions

Cape Town experiences Mediterranean Type Climate. Summer months we can encounter Strong Winds and occasional periods of Foggy Conditions. Summer is generally the Dry months with very little rain normally falling. Winter month’s Strong winds and Rough seas can occur as well as being the wet months with most of the rain falling during this period for the year.

Port Layout

Anchorage

Area to the north-east and east of pilot boarding station (Fairway buoy) in depth 20 - 25 m. During the winter months, April to September, north and north-west winds are frequent and as there is no safe anchorage in the bay, it should only be used by vessels prepared to proceed to sea at short notice on the approach of bad weather.

OPL Replenishing Area

Vessels Calling OPL for Crew changes / Stores / Spares delivery Etc will call 7-10 Miles West of Green Point, where the vessels can be serviced via Launch or Helicopter. This operation though is weather permitting.

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Reg No: 2019/536703/07
Vat Nr: 4220289112

Director: D Topass

Cape Town Berths

(Designed Specifications) Length and Depth in meters

Facility	Length	Depth	Cranage	Cargoes/usage
DUNCAN DOCK				
Berth A	2743	12.0	3 x 4 tonnes	Oil industry
Berth B	2438	12.0	-	-
Berth C	213.4	10.7-12.2	18 x 4 tonnes	Fruit exports
Berth D	185.0	9.1-10.7	-	-
Berth E	225.6	9.1-12.2	-	Containers/General cargo/Passenger Terminal
Berth F	249.9	12.2	-	Timber/steel/containers/Passenger Terminal
Berth G	249.9	12.2	23 x 4 tonnes	Paper/machinery/general cargo
Berth H	318.5	12.8	2 x 5 tonnes	General cargo
Berth J	249.9	10.7	-	Cement/fertilizer/agricultural
Berth K	249.9	10.7	-	Fish & related products
Berth L	246.3	10.7	-	Scrap steel
Berth M	261.8	10.7	-	-
REPAIR QUAY				
Berth 1	426.0	12.0	-	-
Berth 2	100.0	12.0	2 x 15 ton	-
Berth 3	326.0	10.7	-	-
Berth 4	31.5	6.1	-	-
LANDING WHARF				
Berth 1	274.3	14.0	-	-
Berth 2	-	12.0	-	-
Berth 3	274.3	14.0	-	-
Berth 4	-	12.0	-	-
TANKER BASIN				
Berth 1	250.0	13.1	2 x 8" dia. hose	Load/discharge: crude & fuel oils. Discharge: benzene, toluene, xylene
Berth 2	203.0	13.1	1 x 8" dia. hose	Load/discharge: Mogas 93 / 95 / 97, gas oil, jet A-1, Kerosene
CONTAINER TERMINAL				
Berth 500	201.4	10.7	-	Leased quay/repairs
Berth 501	183.0	10.7	-	Lay-up berth/repairs
Berth 502	183.0	10.7	-	Lay-up berth/repairs
Berth 600	220.0	10.7	-	Container vessels
Berth 601	236.0	15.5	-	Container vessels
Berth 60.2	305.0	15.5	-	Container vessels
Berth 603	305.0	14.0*	-	Container vessels
Berth 604	305.0	14.0*	-	Container vessels
Berth 700	173.7	10.0	-	Lay-up berth
Berth 701	249.6	10.0	-	Lay-up berth
Berth 702	249.6	10.0	-	Lay-up berth
Berth 703	192.6	10.0	-	Lay-up berth

*Berths 603-604 are in the process of deepening to 15.5m.
Container berths are served by 6 Liebherr 70-tonne capacity gantries.

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VICTORIA BASIN				
East Pier	239.6	10.5	-	-
No 7 Quay	192.0	11.1	-	-
No 2 Jetty	195.1 x 2	10.4	-	-
N 6 Quay	178.4	7.8-9.1	-	-
No 1 Jetty	177.7	6.3	-	-
Collier Jetty	208.5			
	212.4	7.0-8.8	-	-
Elbow	161.5	9.3	-	-
SOUTH ARM				
Berth 1	150.1	7.7-8.5	-	Fish landing/processing
Berth 2	150.1	7.7-8.5	-	Fish landing/processing
Berth 3	150.1	7.7-8.5	-	Fish landing/processing
Berth 4	150.1	7.7-8.5	-	Fish landing/processing

DRY DOCK FACILILTIES

Sturrock Dock	**Meters**
Overall docking length	360.0
Length at bottom	350.4
Width at entrance top	45.1
Width at bottom	38.4
Depth over entrance sill (HWOST)	13.7

Emptying time: 4 hours
Cranes: 1 x 50 tonnes, 4 x 4.0 tonnes lifting capacity. A docking length of 369.0m can be obtained by placing the caisson at entrance in the emergency stop position. The dock can be divided into two compartments of either 132.5m and 216.1m or 205.7m and 142.9m

Robinson Graving Dock	**Meters**
Overall docking length	161.2
Length at bottom	
Width at entrance	20.7
Depth over entrance sill (HWOST)	7.9

Emptying time: 4 hours
Cranes: 2 x 15.0 tonnes lifting capacity

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CAPE TOWN CONTAINER TERMINAL

Gantry Cranes	Capacity	Outreach	Back reach
6 Liebherr	70 tonnes	19 wide	19 wide
Berths	4 deep sea, 2 coastal		
Ground slots	4,626 max capacity		
Reefer plugs	4,000		
Quay cranes	6		
Rail transfer Gantries	1		
Rubber Tyre Gantries	28		
Straddle Carriers	5		
Haulers	39		
Bathtub trailers	56		
QET cranes	2		
Empty stackers	5		

General Information

Working hours
Port Control – For emergencies and handling of ships – 24 hours a day, 365 days per year.
Cartage – 24 hours per day.
Breakbulk – 06:00 – 22:00, Monday to Friday.
Containers – 24 hours a day, 362 days per year (not 1 January, 1 May and 25 December).
Office hours - (including Revenue) 08:00 to 16:30 Monday to Friday, not public holidays.
Tankers are restricted to daylight berthing and unberthing. Under certain circumstances, vessels with a double hull will not be subject to these conditions.

Hazardous cargo
All arrangements for the handling of Hazardous cargo must be made with the Port Captain. Oil tankers and ships carrying explosives or dangerous goods restricted to daylight hours.

Fresh water supplies
Available on request.

Dry dock/ship repair facilities
Transnet National Ports Authority owns and operates two dry docks, a repair quay and a synchrolift.
Robinson Dry Dock
Situated at Victoria Basin, overall docking length 161,2 m, length on bottom = 152,4 m, width at entrance top 20,7 m, maximum width at bottom = 17,2 m, depth over entrance sill HWOST = 7,9 m.

Sturrock Dry Dock
Situated at Duncan Dock, overall docking length 360 m, length on bottom (dock floor) = 350,4 m, width at entrance top = 45,1 m, maximum width at bottom (dock floor) = 38,4 m, depth 14 m, depth over entrance sill HWOST = 13,7 m. A docking length of 369,6 m can be achieved by placing the caisson in the emergency stop at the entrance. The dock can be divided into two compartments of either 132,5 m and 216,1 m or 205,7 m and 142,9 m.
Repair Quay Length 456 m, landing wall 548 m.
SYNCHROLIFT can handle 1 806 tonnes and vessels up to 61 m in length and 15 m in width. Repair lanes available (length) = 2 x 70 m, 1 x 55 m, 2 x 75 m.
Work is undertaken by private companies and services include, ship repair, engineering, refrigeration, hydraulics, cleaning and painting.

Limitations e.g. harbour entrance depth
Depth at entrance channel 15,9 m
Entrance depth at Chart Datum
Duncan Dock 15,4 m
Ben Schoeman 14,0 m

Sturrock Dock	
Maximum length	370 m
Maximum beam	38 m
Maximum draught	13,7

Bunkering
The Port of Cape Town has 61 bunkering points supplying marine fuel oil, gas oil and blended fuels at most berths. Bunker fuels are delivered by pipeline, gas oil is delivered by barge and diesel oil is not available.
Joint Bunkering Services is a joint venture between BP South Africa, Caltex Oil, Shell SA and Engen Petroleum. Consumers can choose which oil company they want to supply their fuel while gaining from the economy of scale from the shared distribution system of the JBS.
JBS is a highly efficient operation offering fuel and lubricants to its marine customers while working within stringent health, safety and environmental controls. More than 80 % of fuel oil supplied by JBS comes from Caltex Oil.
Caltex owns and operates a large modern 110 000 bpd refinery at Milnerton on the edge of the city and this is connected with most parts of the Port of Cape Town via 11 km of pipeline and a barge.
BP's operation supplies a wide variety of special lubricants for the maritime industry. It is the only oil company to offer a bulk lubricant supply facility with resulting cost saving advantages.

Chandlers
Chandling services are available from private companies located around the port.

Stevedores
The following services are offered:
stowage of cargo
lashing and securing of cargo
breaking out of cargo
planning of cargo to stowage plan
operating ships equipment
cleaning of hatches and tanks
Duncan Dock Cold Storage Stevedoring Services provides the clients of the cold storage facility with a one stop service in discharging vessel to the cold store.

Transport (Internal/Road/Rail)
Transnet National Port Authority's Cartage Department provides services to the container, Combi and Breakbulk Terminals.
The business serves the clients by using specialised equipment for containers, haulers with a capacity of up to 30 000 kg and customised equipment for the transport of breakbulk and conventional cargoes such as timber, paper and steel products.
The normal area of operation is a 25 km radius from the port but Breakbulk Cartage also offers longer runs and commonly transport goods 50 – 60 km.
The establishment of a satellite depot at Belcon will increase customer service by transporting containers between the container terminal and the Depot at night so helping to alleviate pressure experienced during peak periods.
Helicopters: This service is provided by a private company and can be used for the transport of technicians, mail, stores, parts and medical supplies to passing ships. Full emergency services are also available.

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Functions

Port Agency
OPL (Off Port Limits) Crew changes / stores / spares delivery
Cargo Working vessels (Discharge / Loading)
Repair Vessels
Bunker Vessels

Address and Contact Details

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