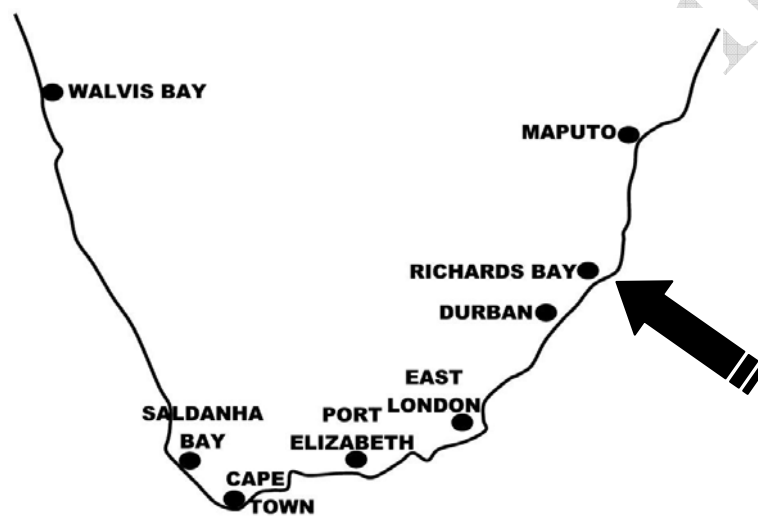


# **RICHARDS BAY PORT** **INFORMATION**



*Whilst every effort has been made to ensure that the information contained herein is accurate, it must be noted that from time to time the details will change. We therefore disclaim any liability for any incorrect information supplied.*

## Table of Contents

<b>1</b>	<b>PORT</b> .....	<b>3</b>
1.1	NAME .....	3
1.2	POSITION .....	3
1.3	TIME .....	3
1.4	UNCTAD LOCODE .....	3
<b>2</b>	<b>PORT DESCRIPTION</b> .....	<b>3</b>
2.1	LOCATION .....	3
2.2	MAXIMUM SIZE .....	3
<b>3</b>	<b>PRE ARRIVAL INFORMATION</b> .....	<b>4</b>
3.1	ETA's.....	4
3.2	DOCUMENTATION.....	4
3.3	RADIO .....	4
3.4	HEALTH .....	4
3.5	CUSTOMS & IMMIGRATION.....	4
3.6	STANDARD MESSAGES.....	4
3.7	FLAGS.....	4
3.8	NOTICE OF READINESS .....	4
3.9	REGULATIONS & GENERAL NOTICES .....	4
3.10	AGENCY .....	4
<b>4</b>	<b>NAVIGATION</b> .....	<b>5</b>
4.1	PORT LIMITS .....	5
4.2	SEA BUOY, FAIRWAYS & CHANNELS .....	5
4.3	PILOT .....	5
4.4	ANCHORAGES .....	5
4.5	TIDES .....	5
4.6	DOCK DENSITY.....	5
4.7	WEATHER.....	5
4.8	VHF .....	5
4.9	NAVIGATION AIDS .....	5
4.10	CHARTS AND PUBLICATIONS.....	5
4.11	TRAFFIC SCHEMES.....	5
4.12	RESTRICTIONS.....	5
4.13	TUGS.....	5
4.14	COAST GUARD .....	6
4.15	BERTHING & UNBERTHING .....	6
<b>5</b>	<b>BERTHS AND CARGO</b> .....	<b>6</b>
5.1	BERTHS .....	6
5.2	FACILITIES .....	7
5.3	STORAGE .....	7
5.4	CARGO .....	8
5.5	BARGES.....	8
5.6	BALLAST & SLOPS .....	8
5.7	SECURITY .....	8
5.8	SAFETY.....	8
5.9	CARGO DOCUMENTATION .....	9
5.10	GENERAL BERTHING INFORMATION .....	9
<b>6</b>	<b>GENERAL</b> .....	<b>9</b>
6.1	REPAIRS.....	9
6.2	DOCKING SHIP REPAIR FACILITIES.....	9
6.3	BUNKERS/WATER/STORES .....	9
6.4	MEDICAL FACILITIES .....	9
6.5	TRANSPORT .....	9
6.6	REPATRIATION.....	9
6.7	CONSULS .....	9
6.8	BANKS .....	9
6.9	HOLIDAYS .....	9
6.10	WORKING HOURS.....	9
6.11	DEVELOPMENTS .....	9
6.12	SURVEYORS .....	10
6.13	RECREATION .....	10
6.14	GARBAGE.....	10
6.15	OFFICIALS AND VISITORS .....	10
6.16	FUMIGATION .....	10
6.17	POLLUTION .....	10
<b>7</b>	<b>PORT DUES</b> .....	<b>10</b>
7.1	CHARGES.....	10
7.2	WORKED EXAMPLE OF CHARGES .....	10

# RICHARDS BAY

## 1 PORT

### 1.1 NAME

Richards Bay

### 1.2 POSITION

Latitude 28 48'S  
Longitude 32 02'E

### 1.3 TIME

GMT +2 hours

### 1.4 UNCTAD LOCODE

ZA RBY

## 2 PORT DESCRIPTION

### 2.1 LOCATION

Approximately 200 km north of Durban on east coast of South Africa

### GENERAL OVERVIEW - 2005

#### Imports :

Alumina	1 600 000 mtpa
Coking Coal	2 161 000
Petcoke	340 000
Potash	30 000
Sulphur	800 000
Urea	50 000
Salt	300 000
Zinc	20 000

#### Exports :

Coal RBCT	69 000 000 mtpa
Andalusite	80 000
Chloride slag	945 000
Chrome ore	855 000
Fertilizer	90 000
Ilmenite	50 000
Rock Phosphate	150 000
Rutile	76 000
Sulphate slag	110 000
Vermiculite	150 000
Woodchips	4 800 000
Zircon	238 000
Ferro alloys	2 200 000
Pig iron	500 000
Steel products/granite/general	- fluctuates

### 2.2 MAXIMUM SIZE

Maximum LOA	: Loading Coal	300 metres	(Port/RBCT accepts longer vessels on application)
Maximum DWT	: Loading Coal	200,000 m t	(Port/RBCT accepts larger vessels on application)
Maximum Breadth		47.25 m	(RBCT accepts up to 50m under condition)
Maximum Draft		17.5 m	(Port allows up to 18m, for coal, on application)
Maximum LOA at Berths 701/2		240 m	(260m for coking coal discharge)
Maximum Air draft	- above HWOST	20 m	
	- above LWOST	22 m	

Largest vessel handled : 372201 mt DWT (Bunkers)

#### **Arrival drafts :**

Vessels with LOA up to 250 m :

Fore	2 percent of LOA
Aft	3 percent of LOA

Vessels with LOA over 250 m :

Fore	2.5 percent of LOA
Aft	3.5 percent of LOA

Vessel's propeller must be submerged for safe navigation within port.

### 3 PRE ARRIVAL INFORMATION

#### 3.1 ETA's

72 Hours to Port Captain telex number 631119 SA. Message to include, ETA, draft, cargo for discharge or for loading, agents name. Richards's Bay coal terminal (RBCT) requires min 14 days notice prior arrival / General Cargo loaders/dischargers required to give NPA port planner 12 hours notice prior to arrival.

**ISPS Requirements: Change from time to time thus it is important that Owners/Disponent Owners contact their agents for an up dated advice. ISPS must be submitted min of 4 days and max 7days prior arrival.**

#### 3.2 DOCUMENTATION

##### Immigration

Two Crew Lists

##### Customs

Two Crew Lists

One Ships Store List

List of Narcotics

One Customs DA5 form

One Declaration of crew's personal effects

Load line/Safety Radio/Equipment Cert

##### Port Health

One Vaccinations List

One Crew List

One Maritime Declaration of Health

##### Ships Agency

Two Crew Lists

One copy of Ship's Register

One copy of International Tonnage Certificate (1969)

One copy of International Safety Management Certificate

#### 3.3 RADIO

Cape Town Radio Coast Station (ZSD)

Working Hours : 24 Hours radio watch on HF Radio channels 421, 821 and 1221.

Also 24 hours watch on wt service 500 KHZ.

\*Frequencies : HF/Radio telephone : 4417, 8779, 13137, 4375

Satcom tlx : Not available

#### 3.4 HEALTH

Apply by radio via Cape Town Radio or by Fax or E-Mail to Port health direct on number +27 35 7894780 or rbayport@dohho.kntl.gov.za - 72 hours prior to vessel's arrival or on the Friday morning if vessel is arriving over the weekend.

#### 3.5 CUSTOMS & IMMIGRATION

Penalties are imposed for non-compliance with prescribed regulations i.e. drugs, non-declaration sealable and dutiable items etc. No other restrictions on crews or passengers.

Immigration : Crew/passengers may only travel within 100km range of Richards Bay area.

#### 3.6 STANDARD MESSAGES

Port Control communicate with vessels arriving on VHF16 and on VHF working channel 12 .

#### 3.7 FLAGS

Vessels must fly South African flag upon entering port.

#### 3.8 NOTICE OF READINESS

Anytime day/night Sundays/Holidays inc (atdnshinc). Tendering on arrival/entering 6 mile port limits.

#### 3.9 REGULATIONS & GENERAL NOTICES

Nil

#### 3.10 AGENCY

Estimated funds, requested prior to vessel's arrival, are to be received in full by agency company before vessel's arrival, in accordance with Government's fiscal regulations.

## 4 NAVIGATION

### 4.1 PORT LIMITS

6 mile limits south east of south breakwater.

### 4.2 SEA BUOY, FAIRWAYS & CHANNELS

3.5 miles south east of south breakwater.

### 4.3 PILOT

Boarding area 3 miles south east of south breakwater. Pilot and vessel call on VHF16. Pilotage compulsory. Pilot boards by helicopter either on landing area or by winch. (If no helicopter, pilot boat black hull/white accommodation with orange funnel and bears wording "pilot".) 3 pilots on duty per 8 hour shift.

### 4.4 ANCHORAGES

Three to five nautical miles south east of south breakwater. Area immediately north of harbour entrance is prohibited due to offshore pipeline. Holding ground is poor in strong south westerly winds. Vessels often drag their anchor. Anchorage area exposed to open sea. Many lost anchors scatter the seabed at the anchorage.

### 4.5 TIDES

Highest Astronomical Tide	2.47 m
Lowest Astronomical Tide	0.00 m
Mean low water springs	0.37 m
Mean low water neaps	0.97 m
Mean level	1.015 m
Mean high water neaps	1.47 m
Mean high water springs	2.11 m
Bottom of Deepest Berth Chart Datum	19.00 m

Note: The values of MHWS etc vary from year to year in a cycle at approximately 18.61 years. The tidal levels given in this table are computed average values for the whole cycle. The levels quoted are taken from "SA Tide Tables" as received from the SA Navy Hydrographic Office.

### 4.6 DOCK DENSITY

1025

### 4.7 WEATHER

Prevailing winds are south westerly and north easterly. Mainly south westerly. Wind speed 20-30 knots. Average visibility is mainly good. Swell condition usually 1-2 metres.

### 4.8 VHF

Calling frequencies with pilots/tugs/port control VHF16 & 12.

### 4.9 NAVIGATION AIDS

Radar, Decca, RDF Lighthouse : north of the harbour at position 28 Deg 48 Sec S 32 Deg 06 Sec E (3 flashes per 15 secs).

### 4.10 CHARTS AND PUBLICATIONS

Charts : SAN 1032/1033 port approaches/harbour.

### 4.11 TRAFFIC SCHEMES

Port Signal Station is equipped with all modern navigation aids including radar coverage. Vessels usually call Port Control on VHF16 when approx 20 miles north/south/east of port for reporting.

### 4.12 RESTRICTIONS

Nil - 24 hour port operation.

### 4.13 TUGS

3 tugs available; however only 2 tugs are operational at any one time. A third tug is always on standby.

Tug engine output	:	2950 kw
Bollard pull	:	43 tons ahead 30 tons astern
Fire fighting	:	available
Propulsion	:	Voith Schneider

#### 4.14 COAST GUARD

Search and rescue operations carried out around coast from Walvis Bay to Maputo border. Search and rescue carried out by National Sea Rescue Institute (N.S.R.I.) and Port Authorities/SA Navy Craft.

#### 4.15 BERTHING & UNBERTHING

Nil

### 5 BERTHS AND CARGO

#### 5.1 BERTHS

BERTH	TYPE	LENGTH	DEPTH	PERMISSIBLE DRAFT	COPE LEVEL
<b>Die Duine</b>					
209	Chemicals	300 m	-14,0 m	12,5 m	+4,8 m
301	Coal	350 m	-19,0 m	17,5 m	+5,5 m
302	Coal	350 m	-19,0 m	17,5 m	+5,5 m
303	Coal	350 m	-19,0 m	17,5 m	+5,5 m
304	Coal	350 m	-19,0 m	17,5 m	+5,5 m
305	Coal	184 m	-19,0 m	17,5 m	+5,5 m

<b>Umhlatuzi</b>					
606	General	220 m	-14,5 m	13,5 m	+5,5 m
607	General	220 m	-14,5 m	13,5 m	+5,5 m
608	General	204 m	-14,5 m	13,5 m	+5,5 m
609	Bulk	300 m	-14,5 m	14,0 m	+5,5 m

<b>Bayview</b>					
701	Bulk	300 m	-14,5 m	14,0 m	+5,5 m
702	Bulk	240 m	-19,0 m	17,5 m	+5,5 m
703	Bulk	240 m	-19,0 m	17,5 m	+5,5 m
704	Bulk	240 m	-19,0 m	17,5 m	+5,5 m
705	Bulk/General	280 m	-19,0 m	17,5 m	+5,5 m
706	General	200 m	-14,7 m	13,5 m	+5,5 m
707	General	200 m	-14,7 m	13,5 m	+5,5 m
708	General	200 m	-14,7 m	13,5 m	+5,5 m
801	Bulk/General	260 m	-19,0 m	17,5 m	+5,5 m
804	Bulk/General	260 m	-19,0 m	17,5 m	+5,5 m

BERTH	LENGTH	DEPTH	PERMISSIBLE DRAFT	COPE LEVEL
<b>Small Craft Harbour</b>				
Repair Berth	300 m	-8,0 m	7,5 m	+4,6 m
Dredger Berth	150 m	-7,0 m	N/A	+4,6 m
Tug Berth	180 m	-7,0 m	N/A	+4,6 m
Pilot Boat Berth	165 m	-4,0m	N/A	+3,7 m

Harbour Craft Berth	150 m	-4.0 m	N/A	+3,7 m
Launch Jetty	170 m	-4.0 m	N/A	+3,3 m

Note: **Datums** CD=MSL + 1,205m; MSL=CD-1,205m

## 5.2 FACILITIES

WHARFAGE	TYPE	HANDLING FACILITIES
<b>Die Duine</b> Berth 209 Berth 301 Berth 302 Berth 303 Berth 304 Berth 305	Chemical Coal Coal Coal Coal Coal	Nil (Chemical Berth/Bunker Pipeline) ) ) 4 X Bulk Coal Loaders ) (8500 to 11000TPH design) ) )
<b>Umhlatuzi</b> Berth 606 Berth 607 Berth 608 Berth 609	General General General Bulk	) ) Nil (Bulk Metal/General Cargo) ) 2 x Pneumatic unloaders for Alumina (1 x 600 TPH – 1 x 500 TPH)
<b>Bayview</b> Berth 701 Berth 702  Berth 703 Berth 704  Berth 705  Berth 706 Berth 707 Berth 708  Berth 801 Berth 804	Bulk Bulk  Bulk Bulk  Bulk/General  General General General  Bulk/General Bulk/General	) 4 x 30T Grab unloaders ) (1 x 1250 TPH – 3 x 1500 TPH) ) 2 x Mobile Cranes with 30T Grabs  ) 3 x Bulk Ship loaders ) Approx 2500 TPH load rate capacity  ) 1 x Woodchip Loader ) Approx 750 TPH load rate capacity  ) 1 x Mobile Crane (200T) ) 1 x Mobile Crane (150T) )  ) Nil at present )
<b>Small Craft Harbour</b> Repair Berth Dredger Berth Tug Berth Pilot Boat Berth Harbour Craft Berth Launch Jetty		) ) ) Nil ) ) )

Note: **DATUMS** CD=MSL+1,205m; MSL=CD-1,205m

The depths shown along berths and in channels and basins are design depths. All berths and channels are subject to shoaling from time to time. The depths shown are only available immediately after dredging to depth has been completed and do not refer to the actual depths available at any time.

## 5.3 STORAGE

### Departmentally bulk and general cargo storage

Export Storage Facilities Dry Bulk Terminal :

Silos x 3 – each	5 000 cubic metres
Hard surface open storage areas for chrome x 2 – each	8 400 square metres
General purpose shed x 2 – each	13 500 square metres
General purpose shed	8 240 square metres
General purpose shed	3 670 square metres

	Storage bins x 32 – each		3 300	cubic metres
	Import Storage Facilities – Dry Bulk Terminal :			
	Coking coal shed		25 000	square metres
			Privately	operated
fertilizer shed	6 036	square metres		
	Storage – Bulk Metal Terminal :			
	Open storage		88 000	square metres
	Covered storage		4 500	square metres
	Storage – Combi Terminal :			
	Warehouse covered storage x 2 – each		10 000	square metres
	Plus a canopy between the 2 warehouses giving an additional		8 000	square metres
	Open storage		240 000	square metres
	Ferro terminal (open)		75 000	square metres
	Log terminal (open)		55 000	square metres

#### Privately Operated Terminals

	Richards Bay Coal Terminal Company (Pty) Ltd :			
	4 x ship loaders :	Loading rates	2 x 8500 tph (Design Rate)	
			2 x 10000 tph (Design Rate)	
	Stockpile capacity		6.7 million tons	
	41 Different grades of Coal are handled			
	Tandem Tipplers (x4)	Discharge rate ea		5 500 tph
	Richards Bay Bulk Storage (Pty) Ltd (Island View Storage) :			
	Chemicals installation at "DIE DUINE"			
	Storage capacity for :	Ammonia 40 000 cubic metres		27 000 ton
		Butene 4 000 cubic metres		7 500 ton
		Propylene 8 000 cubic metres		4 000 ton
		Butadene 12 000 cubic metres		2 500 ton
		Alfa Olefins 46 650 cubic metres		Not available
		Acetone 10 000 cubic metres		8 500 ton
		Multi Purpose 12 000 cubic metres		Not available
	Foskor (Pty) Ltd :			
	Phosphoric acid installation at Bayview			
	Storage capacity			36 000 tons
	Shipping rate			1 200 tph
	Richards Bay Bunker Terminal (Pty) Ltd :			
	Heavy Fuel Oil	40 770 cubic metres		40 000 ton
	Marine Gas Oil	4 688 cubic metres		4 000 ton
	Diesel	196 cubic metres		160 ton
	The port also owns 33t and 200t mobile cranes and an important fleet of forklifts, haulers and trailers.			

#### Other Transport Links to Port

Rail  
Private haulers

#### 5.4 CARGO

Bulk cargo at Portnet Terminals - see paragraph 2.2 above. Load rates approx 800-1500 mt per hour. Cargo loaded by conveyor system. Discharge rate for imports - see paragraph 2.2 above - approx 350 mt per hour.

#### 5.5 BARGES

Nil available for lightening/loading/discharging

#### 5.6 BALLAST & SLOPS

Vessels only permitted to de-ballast in port provided vessel de-ballasting sea water and not water from river port. Vessels can take in ballast in port.

Slops reception : Facility does exist to remove slops from vessels by barge or road tanker. Capacity of tank for slops approx 50 tons.

#### 5.7 SECURITY

Guards on board not required. Emergency services for police, ambulance and fire do exist. Contact to be made through Port Control on VHF16 or via agent. Gangway guards recommended to prevent stowaways boarding vessels as this is becoming a major problem.

#### 5.8 SAFETY

South African Maritime Safety Authority (SAMSA) carry out random safety checks and all vessels calling at the port must conform to IMO and other safety regulations.

**5.9 CARGO DOCUMENTATION**

All documents are supplied to vessel by agent prior to vessel's departure.

**5.10 GENERAL BERTHING INFORMATION**

Nil

**6 GENERAL****6.1 REPAIRS**

Facilities do exist for most types of repair work to vessels. No dry-dock available. Diving companies available as well as engineering companies.

**6.2 DOCKING SHIP REPAIR FACILITIES**

No dry-dock available

**6.3 BUNKERS/WATER/STORES**

Bunkers ex shore pipeline only available at coal berths 301 and 302 and at bunker berth 209. All other berths require bunkering by barge, with capacity of Fuel Oil 900 mt and MDO 100 mt if supplied together. If only IFO to be supplied 850 mt per lift.

Water available at all berths.

Stores available at all berths. Approx 48 hours' notice required.

**6.4 MEDICAL FACILITIES**

Bay Hospital - approx 10km from port. Doctors and dentists available at hospital.

**6.5 TRANSPORT**

Richards Bay Airport approx 15km from port. Local flights to Johannesburg to connect with international flights. 4 flights per day on weekdays and 2 on weekends with 1 airline. No rail link to Durban or Johannesburg. Road facilities good.

**6.6 REPATRIATION**

Facilities good - 3 hotels - Mission to Seamans available. No restrictions.

**6.7 CONSULS**

No consuls available in Richards Bay. Consuls available in Durban and Johannesburg. By road Durban is 2 hours drive one way.

**6.8 BANKS**

Various banks - Standard Bank, First National Bank, Trust Bank, Nedbank - local currency South African Rands.

**6.9 HOLIDAYS**

Public Holidays :

January 1	New Year's Day	
March 21	Human Rights Day	
March/April	Good Friday	[Date fluctuates]
March/April	Family Day	[Date fluctuates]
April 27	Freedom Day	
May 1	Workers Day	
June 16	Youth Day	
August 9	Women's Day	
September 24	Heritage Day	
December 16	Reconciliation Day	
December 25	Christmas Day	
December 26	Goodwill Day	

Note: Where a Public Holiday falls on a Sunday, the following Monday will be treated as a Public Holiday in lieu.

**6.10 WORKING HOURS**

Stevodore shifts vary between companies between 8 hour and 12 hour shifts.

Richards Bay Coal Terminal work 3 x 8 hour shifts

Portnet terminals work 3 x 8 hour shifts

24 hours working Monday to Sunday

Portnet terminals close for Good Friday and Christmas Day

RBCT terminals close for Christmas Day depending on work schedule

**6.11 DEVELOPMENTS**

New drydock to handle ships up to 350,000 mt DWT still under discussion/planning.

**6.12 SURVEYORS**

All classification surveyors based in Durban. Cargo surveyors for dry and liquid cargo locally.

**6.13 RECREATION**

No restrictions for crew shore leave. Passport/seaman's book not required. Taxis available at Seamans Mission. Fare to town approx USD 10.00. Distance to town approx 15km. Mission to Seaman offer free service for transport of seamen to/from vessel/club.

**6.14 GARBAGE**

Available - garbage skips placed on quayside by municipality. Collected regularly.

**6.15 OFFICIALS AND VISITORS**

Nil. Visitors allowed only per authorization of vessel/agent.

**6.16 FUMIGATION**

Available. Hotels available in the event crew have to leave vessel whilst fumigation carried out.

**6.17 POLLUTION**

Authorities extremely strict on pollution at sea or in port. Fines/penalties raised per each case - to be reported to Port authorities and SAMSA as well as agent.

**7 PORT DUES**

Raised as per NPA Tariff, available on request from Ships Agents or Port Authorities.

**7.1 CHARGES**

Available on request from Agent or Port Authorities

**7.2 WORKED EXAMPLE OF CHARGES**

Available upon request from Ships Agents or NPA/SAPO Tariff Manager - to calculate require vessel's GRT as shown in international tonnage certificate (1969) or the highest gross cubic metres appearing on vessel's register plus the cubic metre capacity of all cargo spaces not included.