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.
PORT ELIZABETH

1 PORT

1.1 NAME
Port Elizabeth

1.2 POSITION
Algoa Bay, South Africa
Latitude  33  57 ' S
Longitude  25  39 ' E

1.3 TIME
GMT +2 hours. No summertime adjustment.

1.4 UNCTAD LOCODE
ZA PLZ

2 PORT DESCRIPTION

2.1 LOCATION
Port Elizabeth is situated on the western side of Algoa Bay which is on the south east coast of South Africa. The port is approached via an entrance channel 3km in length with a depth of 14.5 m. The berths are protected by a breakwater 1,200m long, depth at the entrance is 12.2 m. The harbour covers a water area of 115 HA.

2.2 GENERAL OVERVIEW - 2005
Principal imports: Containerised general cargo
Ro-Ro motor vehicles
Exports: Containerised general cargo
Deciduous and citrus fruit
Motor vehicles
Bulk manganese ore
Scrap steel
Railway wagons

<table>
<thead>
<tr>
<th>TOTAL CARGO HANDLED - 2005</th>
<th>PORT ELIZABETH</th>
</tr>
</thead>
<tbody>
<tr>
<td>LANDED</td>
<td>529247</td>
</tr>
<tr>
<td>IMPORTS</td>
<td>880459</td>
</tr>
<tr>
<td>COASTWISE</td>
<td>1409708</td>
</tr>
<tr>
<td>TOTAL CARGO LANDED</td>
<td>1409708</td>
</tr>
<tr>
<td>SHIPPED</td>
<td>2666483</td>
</tr>
<tr>
<td>EXPORTS</td>
<td>113154</td>
</tr>
<tr>
<td>COASTWISE</td>
<td>2779637</td>
</tr>
<tr>
<td>TOTAL CARGO SHIPPED</td>
<td>2779637</td>
</tr>
<tr>
<td>TRANSHIPMENT CARGO</td>
<td>390</td>
</tr>
<tr>
<td>TOTAL CARGO HANDLED</td>
<td>4189733</td>
</tr>
</tbody>
</table>

2.3 MAXIMUM SIZE
Governed by draft restrictions at various berths. Maximum air draft at bulk manganese ore appliance: 45 feet.

3 PRE ARRIVAL INFORMATION

3.1 ETA's
Master to send daily ETA updates to Agent. Master to send final ETA by VHF to Port Control when 50 miles from the port.

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 7 days prior arrival.
3.2 DOCUMENTATION

Customs
Master to complete customs form DA5 (list of sealable goods on board) and livestock list upon berthing.

Port Health
Provided Port Elizabeth is vessel's first South African port of call, Master to telex Port Health, Port Elizabeth on telex number 2442525 when 42-72 hours away, giving full health message in prescribed format for Port Elizabeth and requesting pratique. The message can also be sent through the agent for on passing to Port Health. If not granted, Port Health will board vessel on berthing for Master to complete Maritime Declaration of Health.

Immigration
Will board vessel on berthing, and Master to complete various forms required.

3.3 RADIO
Coastal Radio Station – Cape Town Radio - operational 24 hours per day.

3.4 HEALTH
See paragraph 3.2 above

3.5 CUSTOMS & IMMIGRATION
See paragraph 3.2 above . Penalties are imposed for non-compliance with prescribed regulations i.e. drugs, non-declaration of sealable and dutiable items etc. No other restrictions on crews or passengers.

3.6 STANDARD MESSAGES
No messages sent under normal circumstances unless Master communicates with Port Control.

3.7 FLAGS
South African Flag to be flown at all times. International code "H", "I", "O", "Q".

3.8 NOTICE OF READINESS
Notice of Readiness time is based on arrival at pilot station which the Master/Agent obtains from Port Control. Agent normally tenders NOR on telex as soon after vessel arrives Pilot Station and written NOR is tendered on berthing of the vessel.

3.9 REGULATIONS & GENERAL NOTICES

3.10 AGENCY
No special arrangements but sometimes written into a charter party.

4 NAVIGATION

4.1 PORT LIMITS
Cape Recife East (True) to a point in the Indian Ocean, distant 1609 metres line drawn from the extreme point to the East Bank of the Zwartkops River, east (True) distant 1609 metres on the eastward by a line drawn between these two points.

4.2 SEA BUOY, FAIRWAYS & CHANNELS
Good holding ground in Algoa Bay. Recommended anchorage 1,5 nautical miles to north or south of fairway buoy but clear of channel.

4.3 PILOT
Pilot to be arranged via VHF with VTS Centre. Pilotage is compulsory. Pilot launch used for pilot transfer. Number of pilots 4 and available upon request.

4.4 ANCHORAGES
See paragraph 4.2 above

4.5 TIDES
1,60 m (springs) - 0,5 m (neaps)

4.6 DOCK DENSITY
1025
4.7 WEATHER
Winds west south westerly alternating with east south easterly in summer. Visibility normally good. Algoa Bay is a protected bay.

4.8 VHF
Port Elizabeth Port Control - Calling Channel 16 - Working Channel 12

4.9 NAVIGATION AIDS
Radar - Decca RDF. Lighthouse 34 Deg 1,7 Sec S 25 Deg 42,1 Sec E (flash F.F.L.W.R 60 seconds)

4.10 CHARTS AND PUBLICATIONS
Charts: SAN 1024, SAN 1025, 641

4.11 TRAFFIC SCHEMES
Port Control over VHF

4.12 RESTRICTIONS
No restrictions - only certain out of daylight restrictions with tankers.

4.13 TUGS
2 Twin-screw tugs of 2400 HP.

4.14 COAST GUARD
Search and Rescue facilities available should a vessel get into trouble.

4.15 BERTHING & UNBERTHING
No unusual movements/manoeuvres.

5 BERTHS AND CARGO

5.1 BERTHS OPERATED BY PORTNET

<table>
<thead>
<tr>
<th>BERTH</th>
<th>TYPES</th>
<th>MAX PERMISSIBLE DRAFT</th>
<th>AIRDRAFT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>FORE</td>
<td>AFT</td>
</tr>
<tr>
<td>No 1 Quay - Charl Malan Quay</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>100</td>
<td>RoRo</td>
<td>9,5 m</td>
<td>9,5 m</td>
</tr>
<tr>
<td>101</td>
<td>RoRo</td>
<td>10,5 m</td>
<td>10,5 m</td>
</tr>
<tr>
<td>102</td>
<td>Container</td>
<td>11,7 m</td>
<td>11,7 m</td>
</tr>
<tr>
<td>103</td>
<td>Container</td>
<td>11,7 m</td>
<td>11,7 m</td>
</tr>
<tr>
<td>No 2 Quay</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>General</td>
<td>10,5 m</td>
<td>10,5 m</td>
</tr>
<tr>
<td>9</td>
<td>Fruit/General</td>
<td>10,5 m</td>
<td>10,5 m</td>
</tr>
<tr>
<td>No 3 Quay</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>General</td>
<td>9,5 m</td>
<td>9,5 m</td>
</tr>
<tr>
<td>11</td>
<td>General</td>
<td>9,5 m</td>
<td>9,5 m</td>
</tr>
<tr>
<td>Bulk Manganese Ore Berth</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13/14</td>
<td>Manganese Ore</td>
<td>11,7 m</td>
<td>11,7 m</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(12,0 m on rising tide)</td>
<td>(12,0 m on rising tide)</td>
</tr>
<tr>
<td>Tanker Berth</td>
<td>Tanker</td>
<td>9,4 m</td>
<td>9,4 m</td>
</tr>
</tbody>
</table>
5.2 FACILITIES

General cargo/bulk berths
- No 1 Quay (Charl Malan)
  - Berth 100: 203 m in length, depth alongside 10.0 m
  - Berth 101: 185 m in length, depth alongside 11.0 m
- No 2 Quay (General cargo and reefer berths)
  - Berths 8 & 9: 519 m in length, depth alongside 10.5 m
  - Pre-cooling facilities of capacity 7,500 cu m, 2 x 4t wharf cranes available
- No 3 Quay
  - Berths 10 & 11: 396 m in length, depth alongside 10.0 m

Bulk Manganese Ore Berth
- Berths 13/14: 360 m in length, depth alongside 12.2 m
  - Ore handling installation equipped with a belt conveyor loading system
  - Two ship loaders with capacity 750t/hr each
  - Four storage bins of capacity 350,000t
  - In addition to the above there is a fisheries jetty 165 m in length, depth 6.0m and a trawler quay 136m in length, depth 5.0 m. Tug jetty 120 m in length, depth 6.5 m.

Container berths
- No 1 Quay (Charl Malan)
  - Berths 102 & 103: 635 m in length, depth alongside 12.2 m
  - 4 x 40t container gantries and over 22 ha of stacking area available

Tanker berth
- Situated at the S end of the breakwater
  - 240 m in length, depth alongside 9.4 m

Ro-Ro berth
- Available at the end of Berth 100
  - Ramp 17.5 m wide and a working area of 5.0 ha.

Passenger/cruise berth
- No dedicated berth

Cranes:
- General Cargo Berths
  - Berths 100 and 101: Nil
  - Berths 8 and 9: 2 x 4T
  - Berths 10 and 11: Nil
- Container Berths
  - Berths 102 and 103: 4 x 40T container gantries

Ore Berth:
- Cargo - Bulk Manganese Ore
  - Two loading arms delivering approximately 800t per hour jointly
  - Maximum outreach of loading arms beyond wharf fenders 17m
  - Storage capacity approximately 460,000T.

Heavy Lifts
- Permission is obtainable from the Port Manager to utilise container gantry cranes to discharge heavy lifts not exceeding 45T.

5.3 STORAGE
- Open and harbour shed space available. Pre-cooling shed at Berth 9 only for citrus fruit exports.

5.4 CARGO
- Containerised, general, Ro-Ro, bulk ores, citrus fruits

5.5 BARGES
- Nil

5.6 BALLAST & SLOPS
- Clean ballast into harbour. Slop facilities - Agent has to arrange with the VTS Centre who arranges for Wastetech to remove. Agent not permitted to deal direct with Wastetech

5.7 SECURITY
- Security guards are available and arranged by Agent upon request - not compulsory. All emergency services are available.

5.8 SAFETY
- Fire watch required - tugs on standby on 24 hour basis. No washing facilities available. Cathodic protection system to be shut down whilst discharging/loading.

5.9 CARGO DOCUMENTATION
- SAPO/NPA/Agents supply documentation prior to sailing. Departure to be booked by Agent with VTS Centre and 30 minute notice of change to be given.
5.10 GENERAL BERTHING INFORMATION
Vessels up to 22.5 m LOA Berthed starboard side too
Vessels over 22.5 m LOA Berthed port side too

6 GENERAL

6.1 REPAIRS
Limited repair facilities available. No dry-dock. Diving services available.

6.2 DOCKING SHIP REPAIR FACILITIES
Not available

6.3 BUNKERS/WATER/STORES
Bunkers only available at Berth 13 &14 (Manganese Ore Berth) by pipeline. No barges available. Fresh water supplied by pipeline at all berths. Stores freely available from 2 local ship chandlers.

6.4 MEDICAL FACILITIES
Hospitals, clinics, doctors, dentists and opticians all available within a short distance from the Port.

6.5 TRANSPORT
Port Elizabeth Airport 4km from the port. No international flights. Regular internal flights to Johannesburg, Durban and Cape Town every day. Good road and rail facilities available.

6.6 REPATRIATION
Crew changes off-limits by Port pilot launch NSRI. Various hotels available. Only restriction is that disembarking crew must be in possession of a valid airline ticket home prior to being allowed to leave the vessel, unless in an emergency situation.

6.7 CONSULS
Various honorary consuls available but unable to attend to ships’ matters, except Greek Consul, 30 Main Street, Port Elizabeth Tel: +27-41-5851976

6.8 BANKS
Various banks available. Local currency South African Rand

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
Official Port Hours:
- Containers: 24 Hour service Monday to Friday 0600-2200 hours
- Other: Saturday No work
- Sunday: No work
Overtime working by prior application

6.11 DEVELOPMENTS
Coega Port of Ngqura still to be completed and serviced.

6.12 SURVEYORS
Certain Classification Surveyors available but more often than not, surveyors come in from Cape Town or Durban. Cargo/Draft surveyors available locally.
6.13 **RECREATION**
Clubs, casinos etc available. Passports/Seaman’s books required in certain instances when going ashore. Taxis available at various fares. City Centre within walking distance, caution should be shown when walking around the city centre. No free services available.

6.14 **GARBAGE**
Ships supplied bins for galley garbage only. Other garbage removed upon request at R1260.00 per 1.8cbm garbage skip. Other garbage is removed in Wastetech bins have to be arranged through the VTS Centre, in advance.

6.15 **OFFICIALS AND VISITORS**
Accommodation and meals available at a variety of good hotels and restaurants in the city. Visitors allowed into the Port with the exception of the container terminal and tanker berth where permits are required for entry.

6.16 **FUMIGATION**
Fumigation services for cargo and ships available. For ship's fumigation, crew has to be accommodated in hotels ashore.

6.17 **POLLEN**
Normal International Regulations apply. Pollution of Harbours and International Sea Limits are controlled by the Port Authorities and SAMSA. Any case of pollution to be reported immediately. Depending on liability/negligence, heavy fines may or may not be imposed. It is recommended that immediate action be taken. The South African government operates coastal patrol boats and aircraft to spot any infringements.

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 Portnet 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.