



SERVICE CATALOGUE

TRANSNET



delivering freight reliably

port terminals



1

**CONSULTING
AND ADVISORY
SERVICES**

CONSULTING AND ADVISORY SERVICES

Developing terminal operations from the ground up is a challenging task. It requires an understanding of critical issues such as available space and logistics, land configuration, equipment selection, governmental policies and regulations, labour practices, environmental restrictions and capacity limitations. We have decades of exposure and experience to enable you to achieve the desired results.

Terminal Management Services

Transnet Port Terminals (TPT) is recognised as a leader and innovator in the planning and design of ports, terminals, and the complex infrastructure that supports today's movement of cargo and freight through Africa. We can offer the following:

- Turn key operations
- Labour equipment
- Customised terminal systems and technology

Port Operator Services

We have integrated in-house capabilities to support virtually any port, terminal or freight transportation assignment in Africa.

Terminal management systems and technology support

TPT's integrated cargo systems have been developed to best service the needs of its customers. Navis and GCOS systems cut across road, rail and sea as well as integrate a range of documentation, electronic information, container management, supply chain management and cargo management services. Cargo systems are fully customisable to enable tailor-made packages to be offered within each sector.

Port and terminal development and design modelling

Through our unique in-house engineering capabilities we can conduct simulations of vessel movements and design models for different sector terminals.

Sustainability

We are extremely conscious of the impact that our business has on the environment. Sustainability is a key driver throughout the organisation and we are able to customise services to meet customers' specific needs.

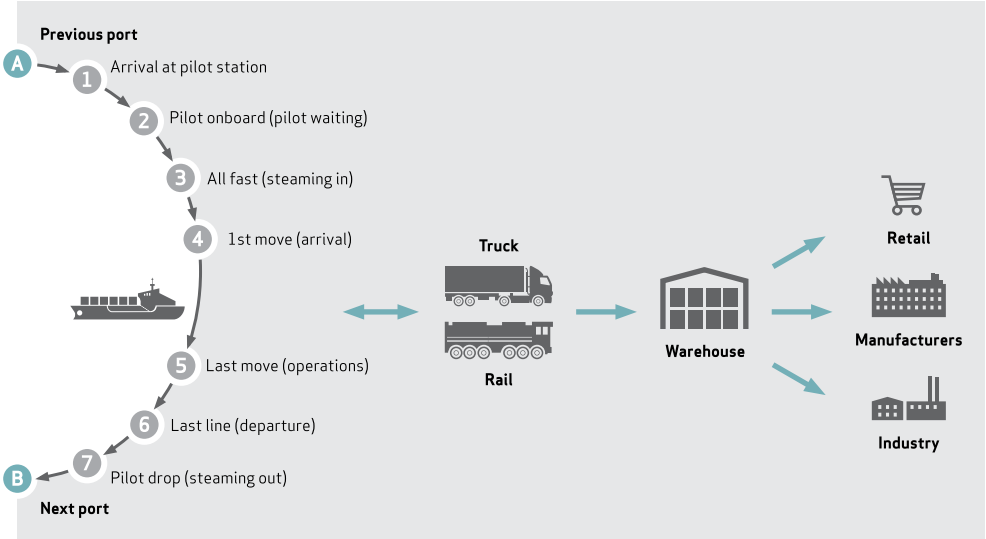


2

**CONTAINER
SERVICES PACKAGE**

CONTAINER SERVICES PACKAGE

Transnet Port Terminals (TPT) drives efficiencies through the container sector via various tailored service package offerings.



Being part of a group that also provides rail services from inland South Africa to various terminals across all the ports, we are well positioned to provide integrated, seamless supply chain solutions.

Value Added Services:

- Stuffing and destuffing of containers
- Provision of container empty top up stacks
- Handling and storage of cleared and uncleared full containers
- Handling, storage, washing and repair of empty general purpose containers
- Unpacking of containers and loading onto car carriers
- Packing of export containers (minerals, timber etc)

- CTOC – determination and coordination of container terminal operations contract berthing windows, which guarantee a departure time on condition that a vessel arrives on schedule and doesn't exceed the number of contracted moves
- Top up empty stack
- Transhipments
- Short sea shipping
- Aggregation of consignments
- Barge services (WIP)
- Reefer handling facility
- Pre-tripping and inspection facilities (currently in the planning stages)

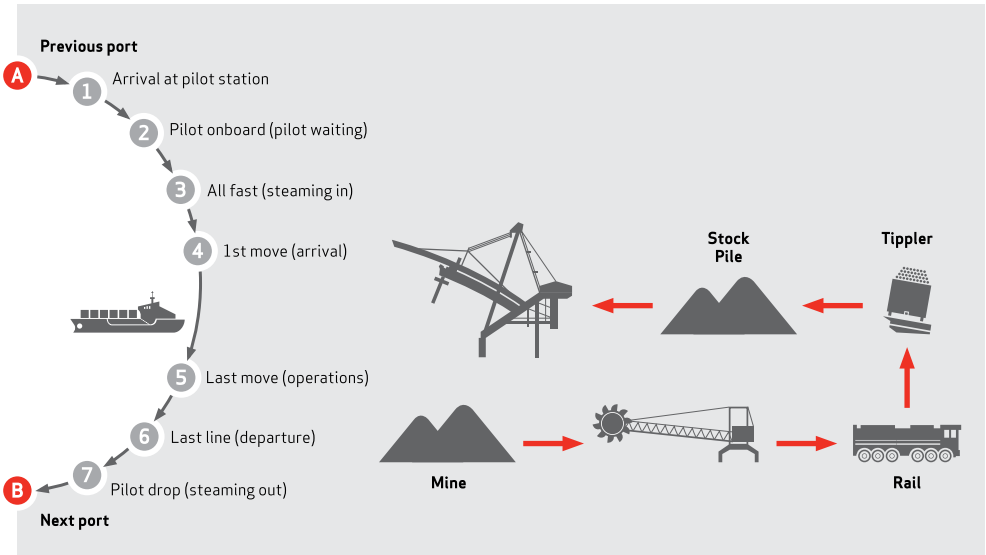


3

**BULK SERVICES
PACKAGE**

BULK SERVICES PACKAGE

Transnet Port Terminals' combined maritime experience and in-house knowledge of bulk handling technology and equipment enables us to support bulk customers with the most efficient infrastructure and operation, while maximising performance through our tailored service packages.



We boast terminals in Richards Bay, Saldanha and Port Elizabeth that handle large portions of South Africa's bulk minerals.

- Major bulk cargoes include iron ore, manganese, magnetite, coal and chrome ore
- Richards Bay handles over 15 different bulk commodities which collectively amount to 20 million tonnes p.a.
- Saldanha: Bulk capacity 60 million tonnes p.a. Break bulk capacity 3 million tonnes p.a.
- Port Elizabeth: Largest manganese export facility in Africa, handles skiptainer vessels
- Tailor-made service offerings are customised to suit customer requirements

Our services include:

- Sampling
- Blending
- Wet screening
- Grade facilitation/management
- Stock pile management
- Bin management
- Common user loading facilities for junior miners
- Weighbridge facilities for road
- Warehousing for weather sensitive commodities

TRANSNET



delivering freight reliably *part terminals*



4

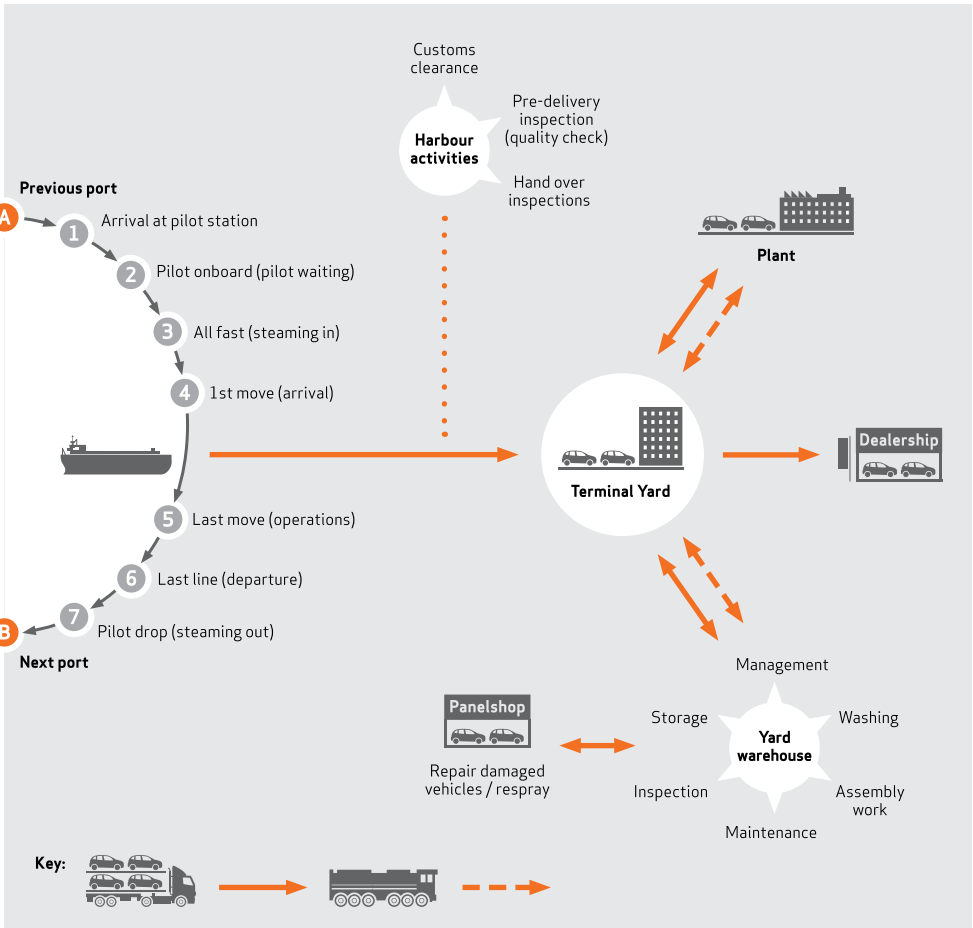
**RORO SERVICES
PACKAGE**

RORO SERVICES PACKAGE

Transnet Port Terminals is an industry-leading expert in the RoRo (roll on/roll off) sector. We have unmatched terminal operator experience and apply our experience and expertise to develop modern operating handling methods in our break bulk and state-of-the-art automotive terminals. In addition we specialise in handling project and abnormal cargo.

AUTO SECTOR

We provide a range of specialist outbound logistical services to the South African Automotive Industry and work with both passenger and commercial vehicles.



Yard Management

We have operations strategically located in the three main automotive hubs of South Africa.

Supply Chain Management

We offer a seamless journey for vehicles from factory to dealer, using solutions tailor-made for your requirements.

Technical Services

As a result of our centralised locations, such as primary storage and distribution yards, economies of scale are achieved, additional transport costs removed and the quality of workmanship standardised.

Vehicle Storage

We provide vehicle storage facilities at strategic locations within Southern Africa which also offer easy access to rail facilities.

Vehicle Handling

Through our professionally trained and customer-focused staff, we provide a wide range of high quality vehicle handling services for all types of vehicles and we are covered for third party insurance.

Vehicle Preservation

For vehicles which need to be kept in storage for extended periods at a time, we offer a system-managed maintenance programme to ensure that the high quality of the vehicles is preserved until such time as these vehicles are delivered to the dealer/customer.

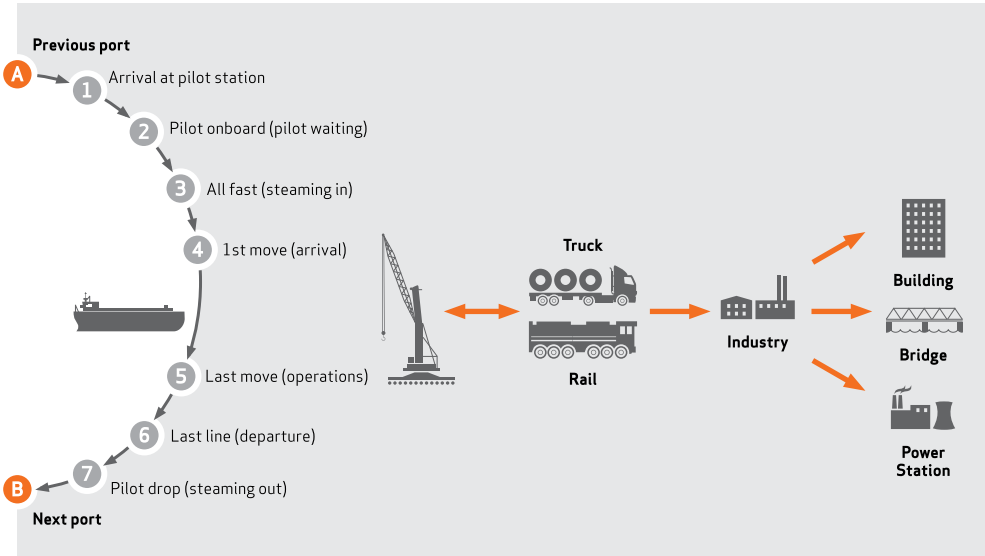
Short Sea Shipping

We offer shipment of cargo between South Africa's ports.



BREAK BULK

We handle a variety of commodities that facilitate the growth of the country's economy.



Typical commodities handled at each terminal include the following:

- Niche container business, abnormal cargo, steel commodities and project cargo – Durban
- Project cargo, neo-bulk, timber, steel coils and other steel profiles – Maydon Wharf
- Break bulk and containerised cargo, including motor vehicle components, chemicals, textiles, fruit, sugar, timber, scrap – East London
- Timber, steel, cement – Cape Town

Our services include:

- Storage – open and within warehouses
- Inventory control and management
- Warehouse and facility management
- Preassembly of cargo, load in and load out
- Mobile crane facilities for heavy-lift cargo

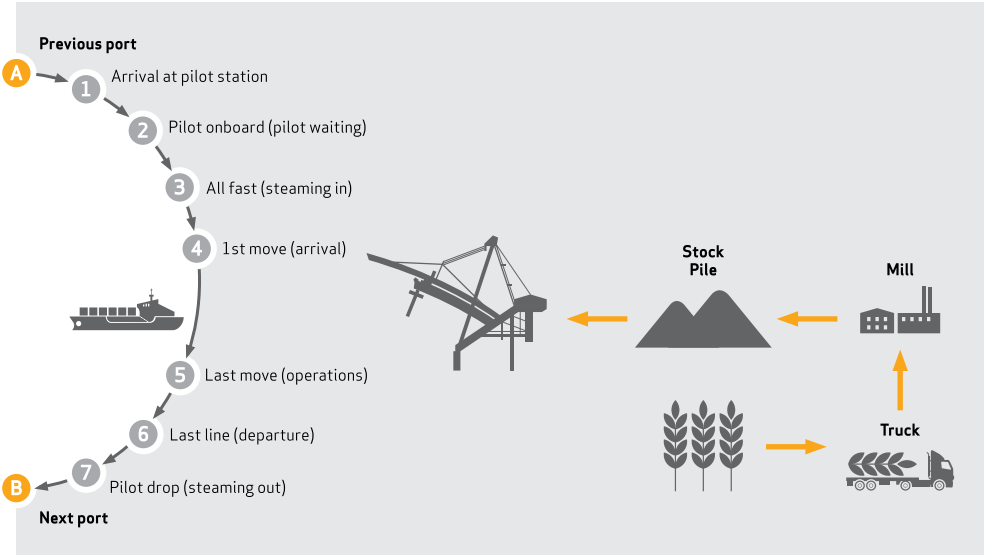


5

**AGRI BULK
SERVICES PACKAGE**

AGRI BULK SERVICES PACKAGE

Transnet Port Terminals' strong capability in material handling for dry bulk complements our strengths in the agri sector by offering a variety of service packages integrated across road and rail.



We handle a variety of agricultural bulk commodities including wheat, maize, malt, rice, soya bean meal, animal feed and woodchips through Maydon Wharf, Richards Bay, East London and Durban Container Terminal. Fresh produce including fruit, vegetables and flowers are handled at several terminals.

We offer the following services:

- Storage
- Inventory control and management
- Warehousing and facility management in the form of silos and flatstore
- Preassembly of cargo
- Load out preassembly of cargo
- Bagging
- Blending and bagging of fertilizer
- Preassembly of cargo, load in and load out
- Weighbridge facilities



6

INTEGRATED PLANNING

INTEGRATED PLANNING

Transnet Port Terminals' Planning Department is a fully integrated in-house team able to address every aspect within the maritime sector. The department delivers integrated solutions including logistics distribution networks using intermodal, road and vessel transportation systems, complemented by the company's global operating NAVIS system that ultimately enables us to guide our customers towards the transportation linkage best suited for optimal connectivity.

Integrated Planning

We provide a reliable and flexible supply chain solution supported by various end-to-end processes, intermodal options, real-time tracking and monitoring services.

- Tailored to meet customised needs
- Utilises our National Planning Centre and new Transnet Value Chain Coordination system
- National Planning Centre is responsive and coordinates port terminal activities across 16 terminals within the South African coastal port network

Our wide range of services include:

National berth planning

- Centralised vessel scheduling of container vessels
- Coordination of vessel berthing between terminals on the South African coast
- Determination and coordination of Container Terminal Operations contract berthing windows which guarantee a departure time on condition that a vessel arrives on schedule and doesn't exceed the number of contracted moves

National Planning Centre

- Schedule coastal berthing windows for container vessels, inclusive feeder connections for transshipment cargo
- Real-time tracking and monitoring of vessel movements coast-to-coast for all commodities, unitised cargo and general freight
- Manage and coordinate resources to support quick vessel turnaround time

- Fast-tracking of vessels to regain schedule if time is lost on the South African coast
- Track, monitor and manage stockpile and yard capacity for cargo owners to maintain supply chain fluidity
- Identify and provide solutions to remove operational bottlenecks in port terminal and supply chain
- Proactive deviation and alert reporting
- Deploy resources of operators and equipment to ensure business continuity during operational disturbances
- Provide business intelligence in the form of supply chain KPIs and customer dashboards
- We offer integrated, tailor-made supply chain solutions from customer production centres to port and vice versa
- Project management of major operation outages
- Advisory and consulting services relating to port terminal capacity, logistics and operations

Transnet Value Chain Coordination

- Provides service delivery plans, tracking and monitoring services on a 24/7, 365-days basis of supply chain activities from production centre to port and vice versa
- Utilises various intermodal options including inland rail, short sea shipments and road motor transport for all cargo movement through the Transnet logistic and customer facilities network
- Proactive deviation management through joint coordination of supply chain activities via sister Transnet divisions ie Transnet Freight Rail and Transnet National Port Authority

Planner Training

Training of planners in all aspects of vessel planning, yard planning, manpower and equipment rostering related to terminal operations, including our cargo operating systems viz Navis and GCOS.





7

**SYSTEMS AND
TECHNOLOGY**

SYSTEMS AND TECHNOLOGY TO SUPPORT PLANNING

We pride ourselves on our culture of innovation and believe that continuous improvement is the cornerstone of growth and development.



The Transnet Port Terminals App

Our app allows users to track their cargo, gain instant information on live berth plans and important terminal updates across our network of terminals countrywide. The app, TRANSNET TPT, is available free at both the Google Play store and the App Store.

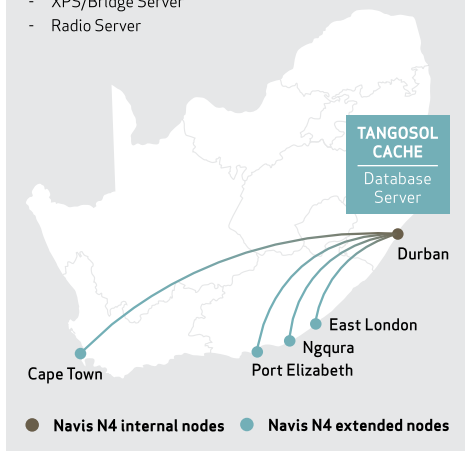


General Cargo Operational System 3 (GCOS3)

Developed internally at Transnet Port Terminals for tracking break bulk cargo and the automotive operation, GCOS3 is a comprehensive web-based system that facilitates the terminals' administrative and operational processes. GCOS3 is the latest version of the system which offers a simpler user interface, greater efficiency, enhanced security, greater data integrity and better governance.

At each Navis N4 node:

- Rack Mount Server
- VM Virtual Centre Hosting Multi-Terminal
- XPS/Bridge Server
- Radio Server



Navis

The NAVIS SPARCS N4 Terminal Operating System provides an integrated system for all TPT container terminals. We were the first in the world to use the multi-site, single-server functionality of the NAVIS SPARCS N4 system. Through Navis, our Durban Container Terminal: Pier 2 has been able to innovate to use the Rail Dual Cycle method of operation. This allows the Rail Operation to maximise the use of terminal trucks, straddles and rail mounted gantries (RMGs) by enabling them to run loaded at all times, thereby improving loading and discharge times and increasing GCH productivity.

TRANSNET



delivering freight reliably port terminals



Contact Details:

Saleem Peterson
Business Development Executive
Email: saleem.peterson@transnet.net
Tel: +27 31 308 8055
Cell: +27 83 455 4275
www.transnet-tpt.net