



# SHIP-TO-SHORE

## @ Durban Container Terminal

EDITION 2 - APRIL 2013



delivering freight reliably port terminals

## Pier 2 introduces a tandem lift VTL Innovation

Durban Container Terminal, Pier 2, has received the final batch of four tandem lift ship-to-shore (STS) cranes. This consignment completes Pier 2's fleet of seven tandem lift STS cranes.

The cranes' design capacity includes:

- Single lift (20ft)
- Twin lift (2 x 20ft)
- Single lift (40ft)
- Tandem mode (2 x 40ft)
- Quad lift (4 x 20ft)

According to Terminal Manager, Hector Danisa, the Crane Operators have grown confident and are ramping up towards world class standards in tandem lift operation with vigorous training and mentorship.

Whilst the training programme continues, the operations team has introduced an innovative idea of operating vertical twin lift in tandem mode. This groundbreaking exercise involves the method of moving four 40 foot (4 x 40ft) containers in vertical tandem lift - this is beyond the crane's design capacity. Pier 2 has raised the bar in tandem lift operation thus taking full advantage of the cranes' capabilities. During a trial exercise that was



conducted on the three commissioned cranes, Crane 529 handled 30 boxes per hour progressing to 48 containers in the second hour of operation. The

team continues to pursue opportunities of further improving this performance and extending the innovation to all the tandem lift cranes.

## New Pier 1 Terminal Manager upbeat about truck staging facility.



Joe Madlala, the new Terminal Manager of DCT Pier 1, believes the new truck staging facility at Pier 1 will increase efficiency and truck turn-around time. The staging yard is intended to contain road truck traffic within the terminal precinct and reduce its overflow onto public roads, accommodating 106 road trucks across 14 parking lanes. With its entrance directly off Bayhead Road, a five-entry lane allows easy flow into the facility and reduces the possibility of congestion. Madlala returns to TPT where he was previously Chief Operations Manager and Business Unit Executive at DCT: Pier 2 and Chief Operations Manager in Cape Town Container Terminal.

DCT's new Pier 1 Terminal Manager, Joe Madlala, and his team at Pier 1's new truck staging area.

## DCT regains NOSA certification



DCT (Pier 1 and Pier 2) has regained its NOSA certification receiving a 4 STAR rating!

## DCT operations not affected by NAVIS 2.3 upgrade

The arrival of the seven new ship-to-shore (STS) tandem lift cranes at DCT: Pier 2 presents additional loading and unloading capacity. Although this additional capacity offers an opportunity to service vessels more efficiently, it also increases the demand on container management within the terminal.

This demand has resulted in a

decision to upgrade the terminal's container operating system, NAVIS to version 2.3.

The upgrade will be effected in all TPT operated terminals on 1 May, with an additional functionality of Multi-lift for DCT: Pier 2. The project steering committee has placed emphasis on ensuring that no disruptions to terminal

operations will be experienced during the upgrade transition process.

This capacity building initiative is aligned to Transnet's Market Demand Strategy (MDS) and its commitment to improved business processes automation, systems integration and Management Information Systems (MIS) reporting.

### PIER 1 and PIER 2 Performance : 2012/2013

PIER 1			PIER 2		
KPI	TARGET	ACTUAL	KPI	TARGET	ACTUAL
GCH (moves)	28	23	GCH (moves)	28	27
SWH (hrs)	53	43	SWH (hrs)	55	62
TTT (mins)	35	45	TTT (mins)	35	32
RTT (hrs)	3.5	5.35	RTT (hrs)	3.5	2.1

SWH - Ship Working Hours    TTT - Truck Turnaround Time    RTT - Rail Turnaround Time



Innovation is the ability to convert ideas into invoices

L. DUNCAN