

Terminal Information

TSI TERMINAL SYSTEMS INC.



VANTERM

Location: Vancouver, British Columbia, Canada.

Status of Terminal: A 76-acre, three berth container terminal facility with throughput capacity in excess of 450,000 TEUs, operated under a long-term lease agreement with the Vancouver Port Authority, which has been extended to 2022. Expansion in 2005 will increase throughput capacity to more than 600,000 TEUs.

Equipment/Facilities: Two container berths, 619 metres long; one conventional berth 183 metres long; on-dock intermodal yard consisting of five tracks totaling 1,500 metres; nine-lane inbound and three-lane exit gate; closed circuit TV cameras via Internet to monitor truck lane traffic; five container gantries (4 x 16-wide, 1 x 18-wide) ranging from 40 to 50-tonne; 12 rubber-tired gantries (RTGs) capable of one container over 4 x 7 wide; eight toppicks; one reach stacker; nine empty handlers (sidepicks); 33 yard tractors; 40 yard chassis; various lift trucks, two truck scales; reefer points with 360 x 440 volt reefer outlets.

Expansion completion in mid-2005 will increase container yard capacity by 25%, increase exit lanes from three to five, two Super post-Panamax dock gantry cranes (22-wide capacity) with 65 tonne, twin 20 lift capacity, new west intermodal yard with three tracks totaling 1,098 metres, and additional terminal support infrastructure equipment including RTGs, empty handlers, toppick machines and tractor trailer units.

Building Facilities: 25,000 sq ft maintenance building and terminal operations building.

Principal Customers: K Line, OOCL, NYK, COSCO, Hapag Lloyd, P&O Nedlloyd, Yang Ming, Hanjin.

DELTAPORT

Location: Roberts Bank, Delta, British Columbia, Canada.

Status of Terminal: A 160-acre, two berth container facility with throughput capacity of 900,000 TEUs operated under a long-term lease with the Vancouver Port Authority to 2023.

Equipment/Facilities: Two container berths, 670 metres long; eight rail tracks of 1,070 metres each, providing capacity for four 2,135 meter double-stack trains (440 TEUs per train); grounded storage capacity in the Intermodal Yard of approximately 1,200 TEUs; five high-speed rail-mounted gantries (RMGs) equipped with a positional determination system; closed circuit TV cameras via Internet to monitor truck lane traffic; six Super post-Panamax container gantry cranes (4 x 18 wide, 2 x 20 wide) each with 50 tonne capacity, 16 rubber-tired gantries (RTGs), all equipped with auto-steering and a positional determination system; abundant supply of multi-trailer systems (triples) and single chassis; 14 reach stackers/toplifts, 10 empty handlers; two truck weigh scales; 24,000 TEUs storage capacity at three-high; 600 reefer plugs.

In early 2005, Deltaport will receive one additional Super post-Panamax dock gantry crane (22-wide), with 65 tonne twin 20 lift capacity, and additional terminal support infrastructure equipment including RTGs, reach stackers, empty handlers, toppicks and multi-trailer systems.

Building Facilities: 33,300 sq ft main office building; 22,000 sq ft maintenance building.

Principal Customers: Evergreen, Lloyd Triestino, Hatsu-Marine, China Shipping, NYK, OOCL, P&O Nedlloyd, Hapag Lloyd, Norasia, Zim, CMA-CGM, Maersk-Sealand, ANL.



LONG BEACH CONTAINER TERMINAL, INC.

Location: Long Beach, California, USA.

Status of Terminal: A 104 acre, three berth container terminal facility operated under a long-term preferential use agreement from the Port of Long Beach, which expires in 2011.

Equipment/Facilities: Three container vessel berths; five post-Panamax quayside container gantry cranes; eight rubber-tired gantry cranes; 60 yard tractors; eight top handlers; six side picks; 12 utility forklifts; 35 yard chassis; various pick-up trucks and other vehicles and handling equipment.

Building Facilities: 13,000 sq ft main office building; 3,200 sq ft marine operations building; 9,600 sq ft repair shop.

Principal Customers: OOCL, NYK, P&O Nedlloyd, Hapag Lloyd.

GLOBAL TERMINAL & CONTAINER SERVICES, INC.

Location: Jersey City, New Jersey, USA.

Status of Terminal: a freehold 98.2 acre, two berth container facility.

Equipment/Facilities: 20 receiving/delivery gates with OCR capability; closed-circuit television system through-out the Terminal for security and monitoring of operations; presently two deep water container berths of 549 metres length with 245 metres extension project underway; four Super post-Panamax quayside cranes with two additional cranes to be delivered last quarter 2005; ten rubber-tyred gantry cranes (RTG's) capable of stacking one over five containers high and six wide plus a truck lane. All RTG's are equipped with global positioning systems for steering and live-time container locations; 44 yard tractors; seven toploaders; four side pickers; 44 yard chassis; various terminal vehicles equipped with computers for use by terminal clerical and supervision staff.

Building Facilities: 28,000 sq ft administration building; 4,000 sq ft marine operations building and 25,000 sq ft maintenance and repair building.

Principal Customers: NYK, Hapag Lloyd, P&O Nedlloyd, OOCL, Columbia Coastal Transport, The United States Military Traffic Management Command.



NEW YORK CONTAINER TERMINAL, INC.



Location: Staten Island, New York, USA.

Status of Terminal: A 195 acre, three berth container terminal facility operated under a long-term lease agreement from the Port Authority of New York and New Jersey, which expires in 2019.

Equipment/Facilities: Three deep water container vessel berths, 3,000 ft long; nine quayside gantry cranes, including four new post-Panamax cranes; 24 paperless truck gates incorporating the latest in OCR (optical character recognition) technology; 70 yard tractors; 23 full container handlers; 7 empty container handlers and other heavy forklifts; 48 stevedoring chassis; various computer equipped pickups and other vehicles; on-dock rail service (37 acre intermodal rail yard under construction); on-dock Container Freight Station; on-dock US Customs Inspections; Trac operated chassis pools of 1,700 chassis.

Building Facilities: 40,768 sq ft main office building, 407,171 sq ft container freight station (comprising two buildings), 29,744 sq ft equipment maintenance and repair shop, 21,840 sq ft deep freeze warehouse, 69,030 sq ft refrigerated warehouse.

Principal Customers: Grand Alliance (NYK, Hapag Lloyd, P&O Nedlloyd and OOCL), New World Alliance (APL, MOL, Hyundai and Evergreen), Chilean Lines/CSAV, CCNI, Hamburg Sud, Turkon Container Line, CMA-CGM, Ecuadorian Line and The United States Military Traffic Management Command.

KAOHSIUNG CONTAINER TERMINAL



Location: Pier 66 Kaohsiung Harbour, Kaohsiung, Taiwan.

Status of Terminal: One of the original container facilities from the Kaohsiung Harbour Bureau. Current lease expires in 2009. The entire terminal was recently modernised to have deep-water berths of 14.5 metres, newly installed light towers, new fiber optics and wireless LAN network, additional rail-mounted gantry cranes (RMGs) and revised yard layout. Additional infrastructure upgrade is scheduled to complete in 2005 to include: new in-gate complex and two more new RMGs in 1st quarter, new office building in 4th quarter.

Equipment/Facilities: Two container vessel berths (685 metres long) on a total of approximately 57 acres. Operate on 24-hour 7-day basis for all berth and gate activities. Equipment include: six post-Panamax quay cranes including three with 19 rows; 12 rail-mounted gantry cranes (RMGs); five straddle carriers; five empty stackers and various shipside handling equipment.

Building Facilities (approximate area): 1,000 sq m main office building, 7,000 sq m CFS, 2,200 sq m maintenance building.

Principal Customers: ANL, COSCO, China Shipping, Hapad Lloyd, Malaysia International Shipping Co, NYK, OOCL, P&O Nedlloyd.