

Trinity Terminal

Container Operations

Trinity Container Terminal is the largest container handling facility in the United Kingdom. It has the longest continuous quay (2,084 metres) in the British Isles and is the country's leader in computerised cargo control.

Trinity is equipped to meet demands well into the new millennium and among European container ports, has the deepest water close to the open sea. On its own the terminal can regularly handle over 200,000 TEU (20ft Equivalent Units) each month, a figure unrivalled by any other UK Port.

The terminal has seven deep water berths varying in depth from 11.6 to 15 metres. Equipped with 21 ship to shore gantry cranes, 8 ultra post Panamax, 9 post Panamax and 4 Panamax, it gives Felixstowe the ability to handle the largest container vessels now in operation.

The total developed area of Trinity Terminal stands at 123 hectares and has a planned capacity to handle 2.8 million TEU per annum. The container storage area is served by a fleet of 63 rubber-tyred gantry

cranes (RTGs), with a stacking capacity of 55,000 TEU, including out-of-gauge storage.

There are also 1,460 reefer points which supply power to refrigerated containers. Transportation within the terminal is undertaken by a fleet of 159 internal movement vehicles which include multi-trailer systems.

After extensive testing throughout 2001, the terminal is now operating the Port's Tug Scheduling System (TSS), which schedules all work for tugs between the vessel and container yard.

Fully connected to the Port of Felixstowe's impressive ISD resource, a full real time inventory system (CHARTS) integrates with the community system (FCPS) and the Navis ship and yard planning system (SPARCS). Full EDI facilities are available for transmission of bay-plans and vessel files.

New information systems are being developed to further improve plant utilisation, and automated grounding technology will

be used to maximise container park efficiency. This action is part of an overall plan aimed at increasing productivity, capacity and thus throughput prior to the Trinity III phase II expansion programme.

A workforce of over 1,200 are dedicated to providing the highest level of customer service. Highly trained in their own specific area and comprising skills from plant driving, systems development, planning, engineering and electrical technicians, rail operations, yard control and ship working, all our people are committed to delivering the demands of the largest vessels operating in the world regularly and consistently.

Integrated with, and adjacent to, Trinity Terminal is the Port's Northern Rail Terminal with eight 500 metre track lengths and four rail-mounted gantry cranes.

To support these operations, the Rail Division possesses a wide range of equipment with a total of 6 rail mounted gantry Cranes, 4 Reachstackers, a Shunting Locomotive, 44 Internal Movement Vehicles (IMV's) and 60 Trailers.

