

# China ports profile: 2007 sees two world class additions

**APM Terminals**, The Hague, The Netherlands

The port industry has been growing exponentially in the past few years and 2007 was no different as the year saw a number of new port construction projects come to fruition around the globe. China has been leading the charge with several state-of-the-art container terminal grand openings. Profiled here are two such terminals: Xiamen Songyu and Guangzhou South China Oceangate.

## Xiamen Songyu Container Terminal: World-class terminal servicing world's largest container vessels

Xiamen Songyu Container Terminal is jointly developed, owned and operated by APM Terminals and Xiamen Port Group, each holding a 50 per cent stake. The grand opening of the terminal was held on September 6th, 2007. Madam Wu Yi, Vice Premier of the State Council, presided over the ceremony.

Xiamen Songyu Container Terminal is uniquely positioned at the intersection of the two natural sea lanes leading to Xiamen's Haicang and Dongdu port areas. It is the closest terminal to the open sea among all container terminals in Xiamen, with a quayside water depth of 17 metres, capable of accommodating the world's largest container vessels including Emma Maersk.

### Advanced handling equipment

Xiamen Songyu Container Terminal is equipped with the most advanced port machinery. It is the first container terminal in Asia to use Eco-RTG, which can save up to 40 per cent of the fuel consumption. The terminal will ultimately deploy 22 ECO-RTGs in 2008, demonstrating its pioneering role in China's efforts to build a more environmentally friendly society.

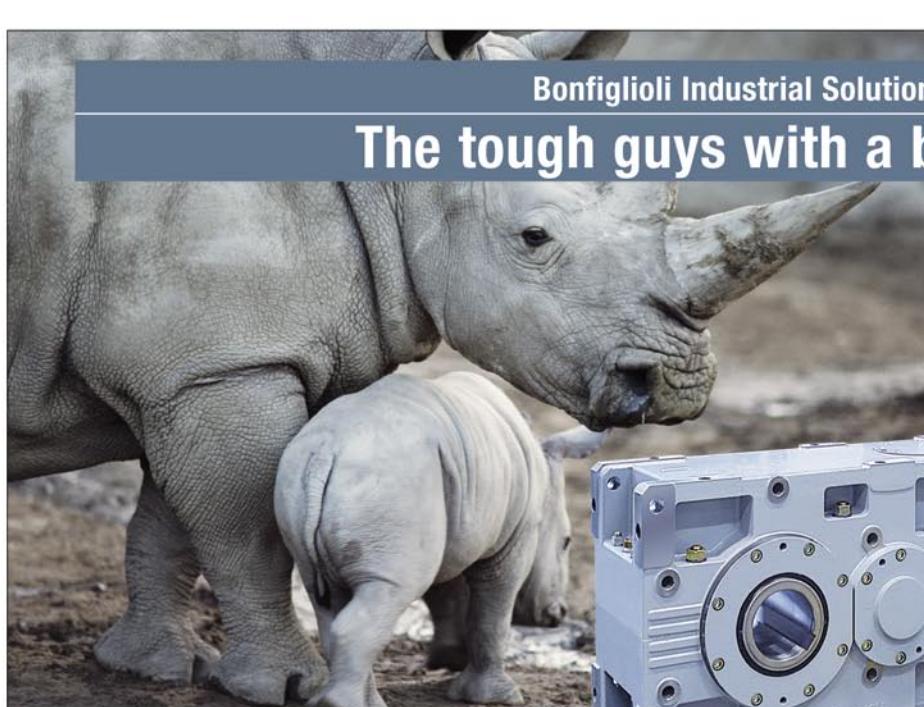
Xiamen Songyu Container Terminal has a quay length of 1,246 metres with three container berths and a total land area of 643,637 square metres. It is currently equipped with six quay cranes. Another four will be in place by mid 2008, including two twin 40' tandem liftings. Xiamen is the largest seaport in Fujian province. The Port handled 4.7 million TEU in 2007, ranked seven among China's coastal ports.

### Strategic location

Strategically located as the gateway for cross Taiwan Strait trade, Xiamen has a vast hinterland as the manufacturing bases for the Taiwanese enterprises. The Central Government has given special incentives to promote Xiamen as a special economic zone in the West Taiwan Strait. Thus we will see a continued throughput growth in the coming years.

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Panorama view of XSCT.

Mr. Kim Gadegaard, Vice President of APM Terminals for Greater China, spoke highly of the Group's collaboration with Xiamen Municipal Government and the Port that "The opening of our Songyu Joint Venture in Xiamen marks an important milestone in the development of the city of Xiamen towards a truly world-class container port. This new terminal will attract and serve the largest ships and shipping lines from around the world, ensuring that the foreign trade of Xiamen, Fujian and the neighbouring provinces will have the first-class access to global markets for generations to come."

Xiamen Songyu is China's first terminal to adopt APM Terminals' design norms and standards. Throughout the process of design and construction, Xiamen Port Group, China's local port design institute, and APM terminals maintained close contact with each other and jointly brought about this state-of-the-art container terminal. As a consequence, Emma Maersk's Xiamen maiden call was made at the Terminal on April 20th 2007, when a total of 700-metre quay and the area at the back were put into soft operation.

## Guangzhou South China Oceangate Container Terminal: the terminal at the centre of the cargo catchment area

Guangzhou South China Oceangate Container Terminal is jointly owned, managed and operated by Guangzhou Port Group, COSCO Pacific Limited and APM Terminals, with APMT having 20 per cent stake. The grand opening of the terminal was held on September 29th, 2007.

### Pearl River Delta

Guangzhou South China Oceangate Container Terminal is located at the centre of the Pearl River Delta (PRD). With a radius of 100 kilometres, the service area of the terminal covers the whole of West PRD and most of the East PRD. Shippers in West PRD using Guangzhou South China Oceangate Container Terminal could save as much as 50 per cent of the land transport distances.

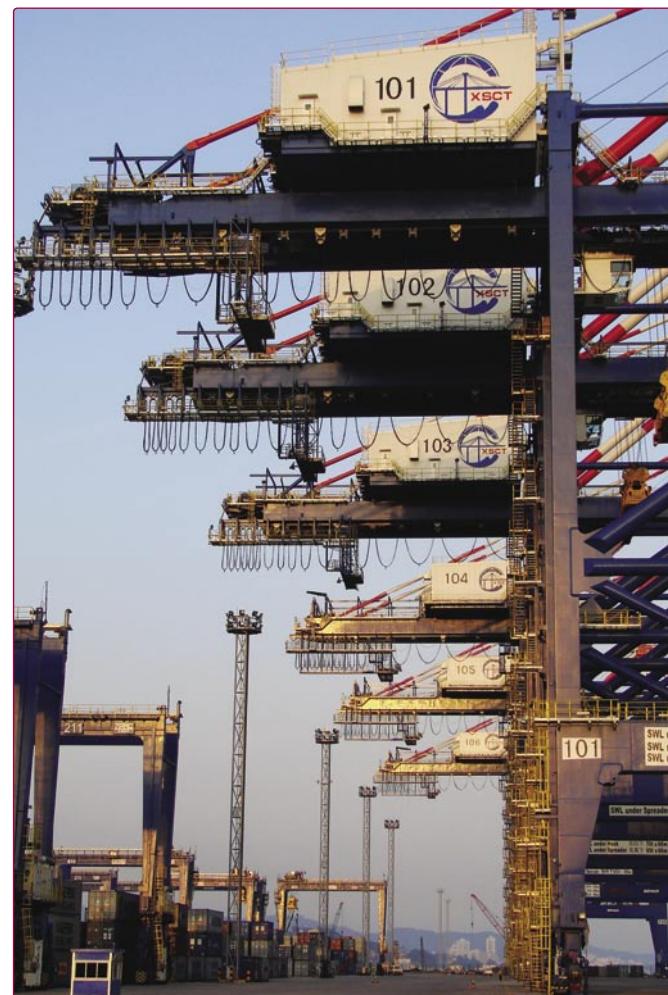
The Pearl River Delta is the home of 30 per cent of China's total foreign trade value and 10 per cent of the world's consuming goods. The combined container throughput of Guangzhou, Shenzhen and Hong Kong reached 53 million TEU in 2007, comprising 40 per cent of the total Mainland China and Hong Kong market share.

Due to the strategic geographic location, the port of Guangzhou experienced a year-on-year throughput growth

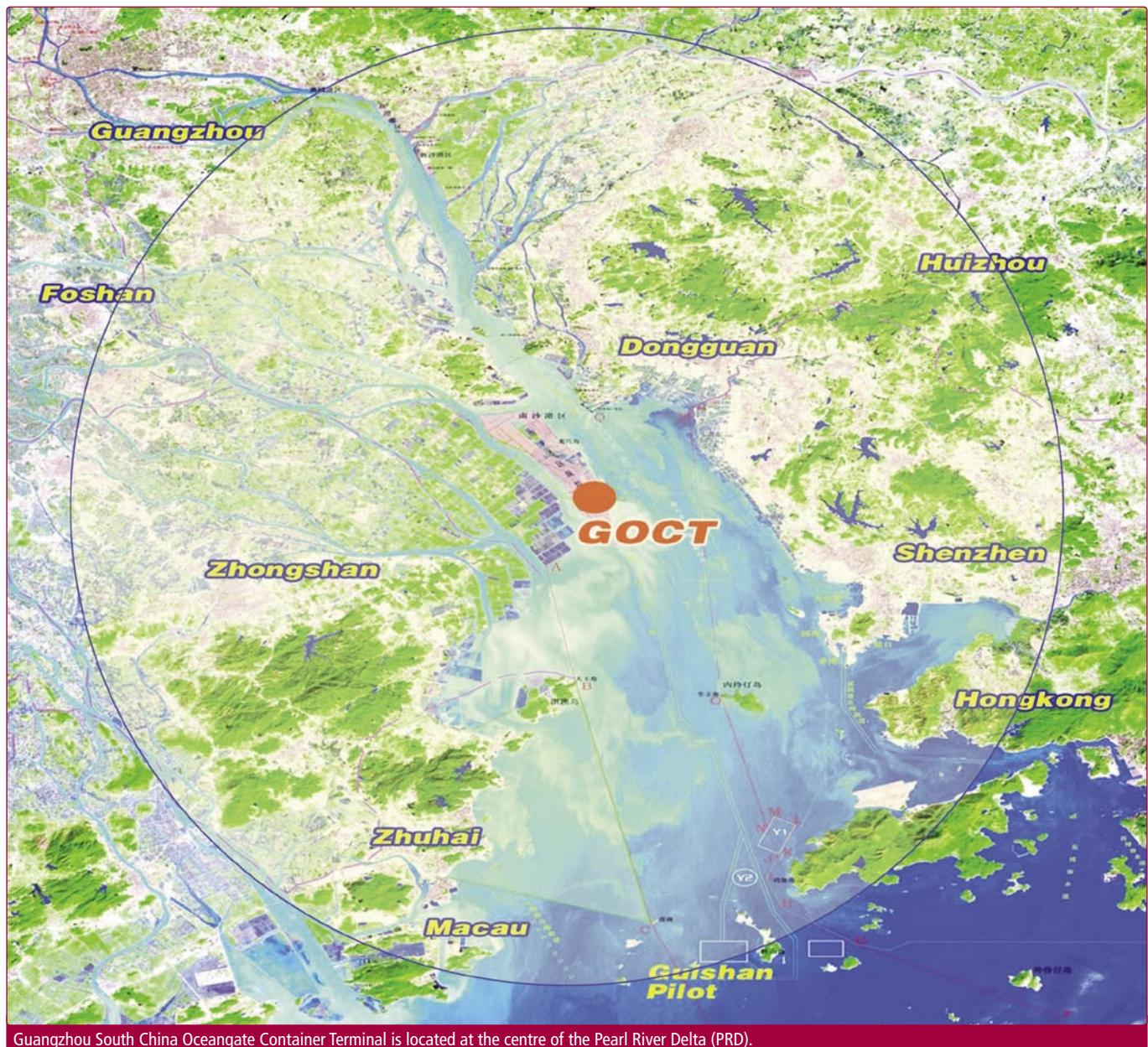
of over 40 per cent in the past three years. Total throughput of Guangzhou reached 9.3 million TEU in 2007, ranked sixth among China's coastal ports.

### Specifications

Guangzhou South China Oceangate Container Terminal, also known as Nansha Ph-2 located at Longxue Island, is a 2,100 metre, six berth container terminal with an annual capacity of



Quay cranes standing along the quay.



Guangzhou South China Oceangate Container Terminal is located at the centre of the Pearl River Delta (PRD).

4.2 million TEUs. The port is connected to the open sea via the approach channel of 35 nautical miles long, 250 metres wide and 15.5 metres deep. Nautical conditions will be further improved to 320 metres wide and 17 metres deep by the end of 2009.

The terminal is currently equipped with 18 quay cranes including three twin 40' tandem liftings, and 48 RTGs.

Mr. Kim Gadegaard, Vice President of APM Terminals for Greater China Area, spoke highly of the terminal's operation that "Our vision in the South China market is to invest in terminal capacity so our customers can grow with the trade, achieve better profitability and attain the speed, service and flexibility they need to compete and win in the world markets. China's remarkable economic growth makes this an exciting time for all of us living and working here. We are committed to providing the best service with the operation of this joint venture terminal."



Vessel berthing at the Oceangate Container terminal.

#### ABOUT APM TERMINALS

APM Terminals, with corporate headquarters at The Hague, The Netherlands, is the leading, independent, global container terminal owner and operator for over 45 terminals, servicing more than 60 container shipping lines around the world.

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