

# PORTS

## Major regional container port: Singapore

The second phase of the East Lagoon development had been designed to provide four general cargo berths. However, in response to world-wide plans for containerisation of cargoes, it was decided in 1968 to develop the East Lagoon as a major regional pivotal container port and new designs were prepared accordingly.

The first phase as implemented consists of three berths totalling 3000 feet in length designed to receive the largest container vessels afloat, which now call regularly on the Europe to Far East and round-the-world services, one 700 feet feeder vessel berth and one 750 feet feeder vessel/tanker berth. The wharf is of piled deck-over-slope type. Piles are of hollow spun prestressed concrete and the deck of composite precast prestressed and insitu reinforced concrete. Approximately 12,000 piles of 27 inches and 33 inches diameter have been driven in lengths up to 160 feet.

Construction commenced in 1969, the one feeder berth and the first ocean berth were commissioned in 1972 and the work was completed in 1974. The value of the contract was approximately £15 million. The foreign exchange element was financed by a loan from the I.B.R.D. (World Bank).

The project was an immediate success and has provided a major source of revenue to the Port of Singapore Authority.

