

Third-generation container base station

Are third-generation ports still value based?

It could be assumed that information sharing technologies and total quality management practices are still held value for the third-generation ports, as well. By the third phase of the development, ports became logistics centres, providing value-added services for customers.

Why do ports dredge to accommodate post-panamax containerships?

Draft constraints became a factor placing pressures on ports to dredge to accommodate post panamax containerships. D) New-Panamax, or Neo-Panamax (NPX). Refers to ships designed to fit exactly in the locks of the expanded Panama Canal, expected to open in 2016. These ships will have a capacity of about 12,500 TEU.

What is the difference between a first-generation and a second-generation port?

A first- generation port primarily includes cargo handling (loading, unloading) functions, serving as interchange point, while a second-generation port besides cargo handling function also provides customer-oriented commercial functions (Angeliki, 2005; Unescap.org, 2019).

What is a cellular containership?

All containerships are composed of cells lodging containers in stacks of different heights depending on the ship's capacity. Cellular containership also offers the advantage of using the whole ship to stack containers, including below deck. Usually, an extra two containers in width can be carried above the deck rather than below the deck.

When did cellular containerships start?

Once the container began to be massively adopted at the beginning of the 1970s, the construction of the first fully cellular containerships (FCC; second generation) entirely dedicated to handling containers started. The first cellular containerships, called the C7 class, were introduced in 1968.

What was the first containership?

The first containership, the " Ideal-X" was a converted World War II T2 tanker. At the beginning of the 1960s, the container was a transport technology being tested and gradually deployed, and reconverting existing ships proved to be less costly and less risky.

In third generation mobile telecommunication systems, high traffic densities require a large capacity and an efficient network. The base station system (BSS) is the interface between the ...

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