

Foldable container grid connection type for port terminals





Overview

What is a container terminal?

A container terminal is a specialized terminal facility that handles the transshipment, storage, and temporary storage of containers between at least two transportation modes.

Can a floating port terminal expand container handling capacity?

The design and development of an offshore port terminal is a complex task that involves distinctive design and decision challenges. In this paper, we propose the implementation of a floating, modular, platform that can act as an additional terminal of a port, with the aim of expanding its current container handling capacity.

What is a floating container terminal?

A floating container terminal is a self-contained and modular terminal that floats on the water and is structured to handle big container ships through transshipment models. These mobile harbors are offshore platforms that expand the existing port's capacity, decrease port congestion, and enhance global shipping efficiency.

What is port container terminal automation?

The goal is to transfer a part of the footprint to another less constrained location. There are two major port container terminal configurations: conventional and automated. Terminal automation is an ongoing process that has resulted in changes to terminal configuration and operations.



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Terminal layout design is a core strategic decision that affects all the other decisions taken by container terminal operators and port authorities (Günther and Kim, 2006). ...

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However, their facilities are vulnerable to unfavorable events caused by disruptive events, and often experience complete failure in practice. To guarantee a certain level of ...

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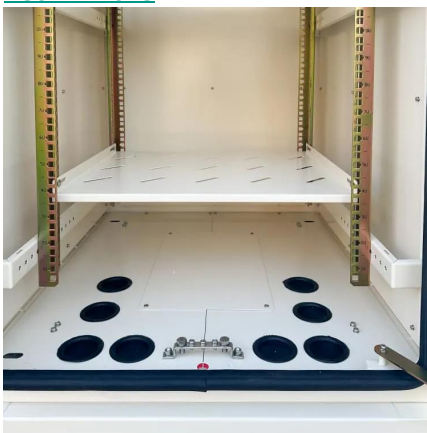
Your Professional background? What Causes 'Empty Running'? Who Inspires You? Empty containers clog roads and ship terminals, causing port congestion and leaving little space to unload ships. This then forces many ships to wait offshore, wasting resources and slowing the supply chain to a crawl. The problem disappears only as the ships sail away. See more on supplychaindigital Author: Sean Ashcroft ResearchGate



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