

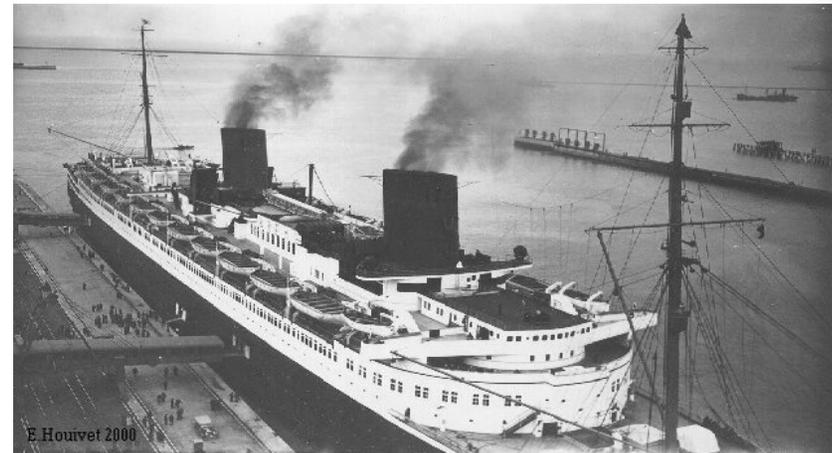
Passenger Boarding Systems



The liner terminal of Cherbourg

The Bremen was the first to dock in 1934

The movable gangways permitted the sheltered loading or unloading of the luggage. They permitted the direct transfer of the passengers from the exterior gallery on the first floor to the ship. The inside of the gangway was 3.80 meters wide and divided into a gangway and a mechanical carrier.



NYK Advantage



© Bert van der Kuyf



- **Founded in 1885**
- **One of the Worlds largest Logistic and shipping companies.**
- **709 Ships in 2006; total capacity 42.3M dwt**
- **200+ ships expansion planned by 2011.**
- **All sectors; Bulk, Containers, RoRo, Tankers, LNG Carriers, Cruise.**



Our New Feeder Service 1 TEU





BAYONNE, NJ



BALTIMORE, MD



VANCOUVER, B.C.



BROOKLYN, NY



**JACKSONVILLE/MIAMI
TAMPA/PORT CANAVERAL
PORT EVERGLADES, FL**

MAY 2004

Royal Caribbean Cruises Ltd. names Ceres for operations
at its new port facility, Cape Liberty Cruise Port in Bayonne, New Jersey.

Royal Caribbean Cruise Lines and Norwegian Cruise Lines name Ceres
for cruise operations at Baltimore's new South Locust Point Cruise Terminal.

SEPTEMBER 2004

Jaxport signs agreement with Ceres Marine Terminals Inc.
entering into a five-year operating and lease agreement.

CRUISE CERES SERVICES

JANUARY 2006

Vancouver Port Authority awards cruise operations to Ceres
with a 10-year cruise ship services and terminal management agreement for
the Port's two cruise terminals at Canada Place and Ballantyne Pier.

APRIL 2006

Princess Cruise Lines and Cunard name Ceres
to handle operations in Brooklyn Cruise Port
with a 10-year cruise ship services and terminal management agreement.

JUNE 2006

Ceres & subsidiary R.O. White Company, Inc.
named stevedore for Royal Caribbean Cruise Lines'
Tampa, Port Canaveral & Port Everglades Cruise Operations.

Ceres/YTI - Operating Locations



What is Cruise Stevedoring



- A commercial stevedoring company also may contract with a terminal owner to manage all terminal operations.
- **Manages the operation of loading or unloading a ship.**
 - Owns equipment used in the loading or discharge operation;
 - mobile equipment including fork-lifts and cranes.
 - Supplying gangways, loading platforms and specialized loading equipment.
 - Hires longshoremen
- **Spotting vessels, Docking & Gangway Placement.**
- **Stores Handling.**
 - Receiving & Loading of Provisions, Deck & Engine, Environment & Hotel Supplies.
- **Baggage Handling**
 - Discharge & Transfer to Passenger Terminal.
 - Sorting
 - Porter Services Porter Baggage Receiving, Baggage Tag Check & Initial Sorting for Screening Operations.
 - Baggage handling at Security Screening.
 - Offloading Garbage and hazard waste.

Passenger Terminal Requirements



From an Line's Operations Point of view

Must have;

- Space!!
 - Space to park Cars
 - Space for Luggage Layout
 - Space to hold guests
 - Space to have guests line up for security
 - Way too much space for CBP...
 - → Short lines → Happy guests
- Should have ;
 - Easy access
 - Roads including signage
 - Air travel
- Nice to have;
 - Decorations

Overhead Gangways



When Must a Port invest in Overhead Gangways

- Safety
- Volume
- Security?
- Big Tidal variations
- Nice to Have
 - Most Ports
- Might not need
 - Fewer than 50 Turn around calls a year.
- Most will not need
 - Port of Call

Overhead Gangways

- **What do we like**

- Simple
- Vertical and Horizontal Flexible
- No Vertical obstructions
- Easy access on apron



Overhead Gangways



- What don't we like;
 - No Flexibility
 - Not enough space
 - ➔ Crowded aprons
 - ➔ Restricted movements on Dock
 - ➔ Increased Labor hours
 - ➔ Increased Equipment
 - ➔ Increased cost to line

Overhanging ship superstructure and Lifeboats



Overhead Gangways



- Space to Operate
- → Highest rated port in Passenger Satisfaction 2006 for Royal Caribbean and Celebrity Cruises



Passenger Boarding Systems



By Lars Ljoen

