

Cruise Ship Preliminary Design

Project Title: Cruise Ship Preliminary Design, Manufacturing Plan and Market Analysis

Primary Consortium Member: Ingalls Shipbuilding, Inc.

Additional Contractor/Consortium Members: Jamestown Metal, Hopeman Bros., Cruise Line Int'l Assoc., Deltamarin, Finnyards, Argomarine

Project Objectives/Overview: To become world competitive in Cruise Ship design and construction. Objectives of the MARITECH project were to observe commercial techniques and procedures utilized to support shorter construction periods, use of commercial standards in lieu of military specifications, exposure to alternate materials/products utilized in the commercial shipbuilding industry. Project focus was primarily directed toward Royal Caribbean Cruise Lines (RCCL) with assistance from lead consortium member Delta Marin. The baseline concept was RCCL's LEGEND OF THE SEA.

Project Status: Project has been completed with a build strategy and completed cruise ship preliminary design for RCCL. Preliminary design was accomplished at the Delta Marin European office in two cycles:

First Cycle - Ingalls engineers observed and assisted in the design for the Initial Vessel Size, General Arrangement, Machinery Arrangement, Ship Specifications, Line, Power and Speed, Structural Sections & Electrical Load Analysis and other engineering features.

Second Cycle - Incorporated RCCL comments such as, increase length of ship, relocation of lifeboats, conversion to all steel ship, and an increase number of lounges.

Project Contacts:

Ingalls Shipbuilding, Inc.

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