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RBB is a technology leader in electrification and automation, enabling a more sustainable and resource-efficient future. The company's solutions connect engineering know-how and software to optimize how things are manufactured, moved, powered and operated.





- Project inception







Defining a custom solution with you

RBB RELPOCE Facts & figures

- **30+ JCRPS** of successful operation

- **I - EX** unit power range

- **Hore than 35** ship types

- **> 99.8%** wessel availability

- **Up to EC%** fuel savings achievable



IOPERIONS the **Ment of power and Listribution systems** for the F126 Frigates because of their Dutstanding expertise in DU power **Systems,**" Says Damen Naval Managing Director Hein van Ameijden.

"The technical specifications offered by their systems will yield valuable flexibility and modularity to these state-of-the-art frigates, while enabling the derman Eavy to adapt to rapidly developing energy sources."



Envy Drive

Ruggedized onboard DC GridTM

Cabinet Design

- Reduction of cabinet height
- Shock dampers integration
- Dedicated base frame.

- EMC constraints integrated in cabinet design Additional EMC filters
- MIL-STD 461 Compliance

shock & vibration

- Reinforced enclosure for residual shock
- Rigidified structure for higher Eigenfrequency mode
- Integration_of_MIL_STP.cd.
 vibration requirement



The Polar Security Cutter will fill a

UNGERSTONED POLICY SCHURCHTON provide support for other mission

needs in the higher latitudes vital to the economic vitality, scientific inquiry and national interests of the United States.

The propulsion will be diesel electric and readily capable of breaking ice between six to eight feet thick.

The yard teamed with **ABB Karine** for its **PUR ISE VI Ryce Buiped**[®] **prepulsion system**, in addition to a



"Our new patrol vessels will be av

ser rbout 330 drys r yerr,

Final Commander Harko Rheristo, Head of

Ship Technical Unit at the Finnish

Border Guard.

"The vessels are designed for low-cmission operations and for **Energy efficiency** and need a versatile and sophisticated power and propulsion system based on advanced, proven technology. ABB provides us with an **integrated pagkage** that meets our stringent requirements, ensuring rapid functional capacity and continuous

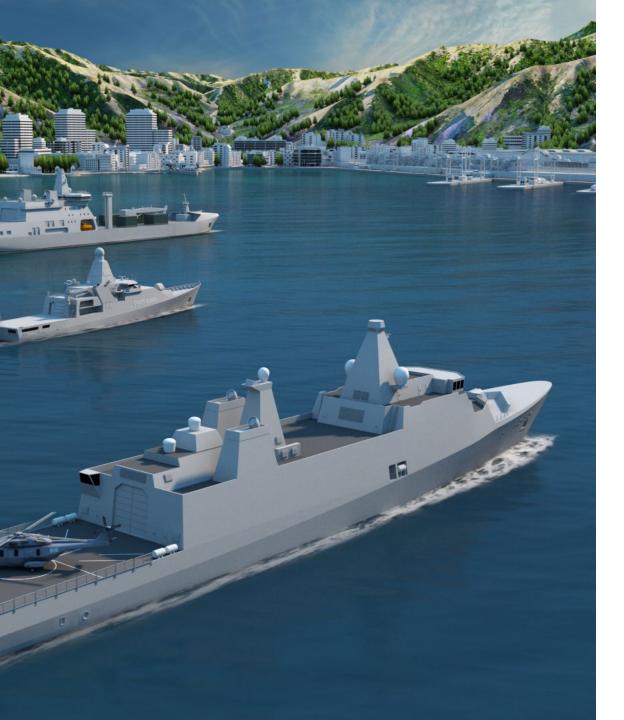


Spanish Havy Juan Carlos I

The first **Reiped® propulsion** retrofit order for a naval vessel, replacing the existing system onboard the Spanish Navy flagship, Juan Carlos I

The contract follows a feasibility study that identified Azipod[®] technology as an optimal solution for the retrofit project





Future vessels are - meatric. Digital. Maptable. 1. Benefits of selecting a sustainable power and propulsion system

2. Power system selection for optimizing adaptable mission demands

3. Why an OEM for clectrical design/integration ABB

Benefits of selecting a sustainable power and





Power Source operations
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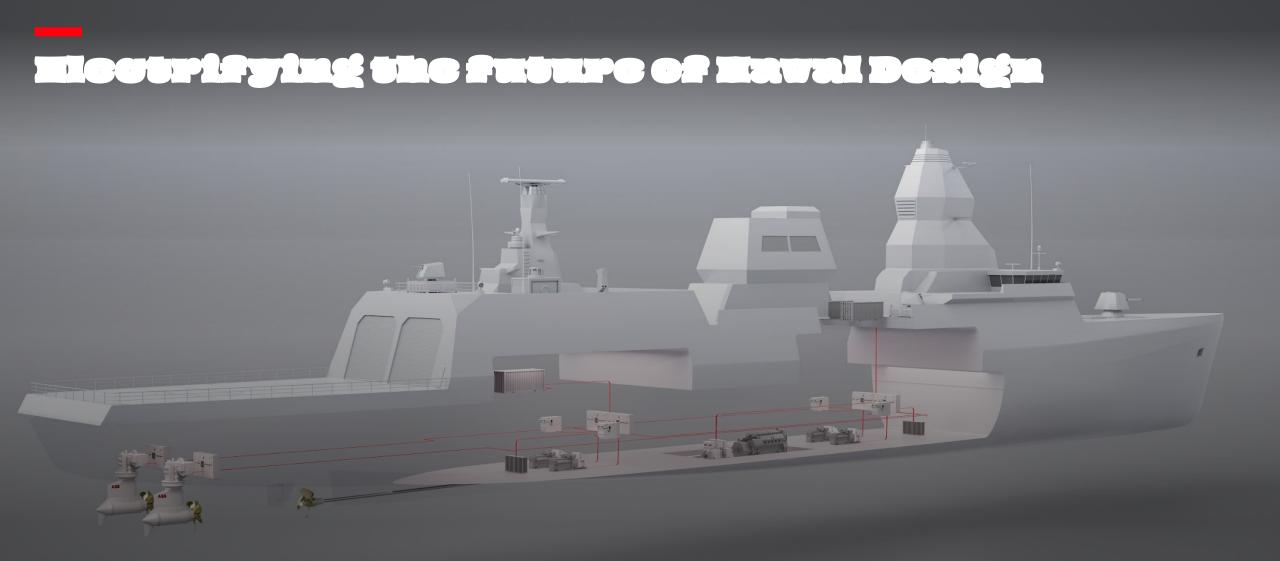
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