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LEVIATAD CHALLENGES



Challenges

1. Autonomous Ships and Drones

2. Communication, Cyber Security

3. On-board Equipment

4. Predictive maintenance

5. Weapon Systems

6. Decarbonisation of Ships

Autonomous ships and drones

Increased efficiency, reduced costs, improved safety, ...



2 Communication and cybersecurity

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Enable secure operational coordination, situational awareness, facilitates command and control, protect against threats, ...



3 On-board equipment and performance improvement technologies

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Enable secure operational coordination, situational awareness, facilitates command and control, protect against threats, ...



Predictive maintenance

Offers enhanced equipment reliability, increated operational availabitliy, cost savings, improved safety, optimal resource allocation, data-driven decision making



Decarbonisation of ships

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Decarbonization is crucial for the marine defense sector to mitigate its environmental impact and to comply with regulations



6 (weapon) systems improvement



Effectiveness of marine defense activies, increase operational

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SMEs

- **Technology Providers**
- **O** Cybersecurity Companies
- **Communication Network Providers**
- AI and Analytics Companies, Remote
 Monitoring and Diagnostics Providers
- **O** Maintenance and Logistics Providers

- System Integrators
- Energy Storage Solution Providers
- Equipment Manufacturers
- Marine Equipment Manufacturers
- **O** Shipbuilding and Naval Engineering Companies
- Propulsion System Manufacturers







