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Autonomous Ships-Global Market Outlook (2020-2028)

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Abstracts

According to Stratistics MRC, the Global Autonomous Ships Market is accounted for $5.80 billion in 2020 and is expected to reach $13.65 billion by 2028 growing at a CAGR of 11.3% during the forecast period. The increasing use of automated systems to scale back human errors and risks, development of next-generation autonomous vessels and increasing development of software are the major factors driving the market growth. However, vulnerability related to cyber threats is restraining the market growth.

Autonomous ships are watercraft directed by artificial intelligence. As a kind of seafaring drone, these vessels can function independently and may be unmanned. They have the inherent to redefine the maritime industry. To give the ship's artificial intelligence a defined image, the autonomous ships use a fleet of sensors that are together with sensor fusion. High-definition cameras, radar, sonar, thermal imaging, and LiDAR are few of the sensors that are been utilized in these kind of ships. The autonomous ships permit improved optimization of processes & operations and thus are increasingly explored by the maritime industry.

Based on end user, the linefit segment is estimated to have a lucrative growth due to the increased investments in naval defence by various countries and rise in seaborne trade activities across the globe. By geography, Asia Pacific is going to have high growth during forecast period. Asia Pacific has witnessed rapid economic development over the years, increasing maritime trade. This uplift in sea trade has eventually led to an increasing demand for ships to transport manufactured goods worldwide. Thus, the increasing number of ships has uplift the demand for autonomous ships in the Asia Pacific region.

Some of the key players profiled in the Autonomous Ships Market include ABB, Mitsui E&S Holdings Co., Ltd, Marlink, Marine Technologies LLC, Ladar Ltd, L3Harris Asv, Kongsberg, Hyundai Heavy Industries, Honeywell International Inc, General Electric,

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Fugro, DNV Gl, Buffalo Automation, BAE System, Aselsan A.S. Company.

Autonomy's Covered:

Fully Autonomous

Partial Automation

Remote Operations

Solutions Covered:

Systems

Software

Structures

Types Covered:

Maritime Autonomous Ships

Small Autonomous Ships

Propulsions Covered:

Fully Electric

Hybrid

Conventional

Components Covered:

Hardware

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Software

Ship Types Covered:

Commercial

Defense

Fuel Types Covered:

Carbon Neutral Fuels

Liquefied Natural Gas (LNG)

Electric Batteries

Heavy fuel Oil (HFO)/Marine Engine Fuel

End Users Covered:

Linefit

Retrofit

Regions Covered:

North America

US

Canada

Mexico

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- Europe
  - Germany
  - UK
  - Italy
  - France
  - Spain
  - Rest of Europe
- Asia Pacific
  - Japan
  - China
  - India
  - Australia
  - New Zealand
  - South Korea
  - Rest of Asia Pacific
- South America
  - Argentina
  - Brazil
  - Chile
  - Rest of South America

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- Middle East & Africa
  - Saudi Arabia
  - UAE
  - Qatar
  - South Africa
  - Rest of Middle East & Africa

What our report offers:

- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years (2019, 2020, 2021, 2025, and 2028)
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

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Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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