

Key Trend Revolutionizing The Marine Chart Plotter Market In 2025: Tech Innovations Boost Maritime Navigation and Safety

The Business Research Company's Marine Chartplotter Global Market Report 2025 – Market Size, Trends, And Global Forecast 2025-2034

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Marine Chartplotter Global Market Report 2025

The marine chart plotter market could increase from \$0.68 billion in 2024 to \$0.73 billion in 2025 at a compound annual growth rate CAGR of 7.4%. These impressive figures can be attributed to



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several factors, including the augment of recreational boating activities, the increased use of GPS, a surge in yacht procurement for tourism, a rising focus on boating safety innovations, and amplified emphasis on maritime safety and navigation accuracy.

What Is The Anticipated Growth Rate And Market Size Of The [Marine Chartplotter Market?](#)

The marine chartplotter market will continue to see strong growth in the upcoming years and is expected to reach \$0.96 billion in 2029 at a compound annual growth rate

CAGR of 7.0%. The growth drivers in the forecast period include the adoption of commercial shipping fuels, rising demand for real-time data, increasing adoption of advanced navigation systems, a growing need for high-precision depth and sonar mapping, and an increase in marine tourism. Major trends in the forecast period include technological advancements, integration with autonomous systems, high-resolution and 3D mapping, augmented reality AR integration, and integration of artificial intelligence and machine learning.

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What Are The Primary Growth Drivers Of The Marine Chartplotter Market And How Does It Enhance Maritime Trade?

Maritime trade growth is a significant driver of the marine chartplotter market. Maritime trade involves transporting goods and commodities across international waters using ships and vessels. This facilitates global commerce efficiently and cost-effectively. The growth in maritime trade is driven by global economic growth and the expansion of e-commerce, which increases the demand for goods and raw materials to be transported across international waters. The marine chartplotter enhances maritime trade by providing precise navigation, real-time route optimization, and seamless integration with GPS and AIS, thus ensuring safer, more efficient, and cost-effective shipping operations. For instance, in July 2024, according to the United Nations Conference on Trade and Development UNCTAD, maritime trade volumes totaled 12,292 million tons in 2023, reflecting a 2.4% increase compared to 2022. Therefore, the growth in maritime trade is contributing significantly to the marine chartplotter market's expansion.

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Which Companies Are Major Players In The Marine Chartplotter Market And What Trends Are Emerging?

The marine chartplotter market is host to a number of key players, including Furuno Electric Co. Ltd., Garmin Ltd., Kongsberg Maritime AS, Onwa Marine Electronics Co. Ltd., Navico Group Inc., Humminbird Inc., Raymarine Limited, Koden Electronics Co. Ltd., Simrad Yachting AS, Japan Radio Co. Ltd., Digital Yacht Ltd., Honda Electronics Co. Ltd., ComNav Marine Ltd., Si-Tex Marine Electronics Inc., Alphantron Marine B.V., Maptech Inc., Brookes And Gatehouse, SI-TEX Marine Electronics, NKE Marine Electronics, Northstar Technology Inc.

Many of these major companies focus on developing innovative technologies, such as enhanced navigation systems, in a bid to improve user experience and ensure safer, more efficient maritime operations. Enhanced navigation systems are advanced technologies that improve the accuracy, efficiency, and safety of route planning and vessel movement using real-time data, GPS, and integrated digital mapping.

How Is The [Marine Chartplotter Market Segmented](#) And What Insight Can Be Gleaned From Regional Breakdowns?

The marine chartplotter market is segmented as follows:

- 1 By Component: Hardware, Software
- 2 By Type: Standalone Chartplotters, Integrated Chartplotters, Networked Chartplotters
- 3 By Application: Navigation, Safety And Rescue, Fishing, Recreational Boating
- 4 By End Use: Commercial Vessels, Recreational Boats, Naval Vessels

Subsegments:

1 By Hardware: Display Units, GPS Receivers, Sonar Modules, Radar Sensors, Transducers

2 By Software: Navigation And Route Planning Software, Real-Time Mapping Software, Fish-Finding And Sonar Imaging Software, Weather And Tidal Data Integration Software, Fleet Management Software

In terms of regional insights, North America was the largest region in the marine chartplotter market in 2024. Europe is expected to be the fastest-growing region in the forecast period. The regions covered in this report include Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, and Africa.

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