

# Global Sonar Systems Market Size study & Forecast, by Application, Platform, Type, Material and Regional Forecasts 2025-2035

<https://marketpublishers.com/r/S54F050207C4EN.html>

Date: June 2025

Pages: 285

Price: US\$ 3,750.00 (Single User License)

ID: S54F050207C4EN

## Abstracts

Global Sonar Systems Market is valued at approximately USD 6.22 billion in 2024 and is projected to expand at a steady CAGR of more than 1.80% over the forecast period 2025–2035. Sonar (Sound Navigation and Ranging) systems, an indispensable technology for underwater detection, mapping, navigation, and communication, are witnessing rising strategic deployment across naval, commercial, and civil domains. From submarine detection and seabed mapping to port surveillance and autonomous vehicle guidance, sonar technology has carved its niche as a critical enabler of marine situational awareness. The growing complexity of naval operations, resurgence in undersea warfare, and need for high-precision acoustic imaging continue to propel global demand for next-generation sonar systems—both active and passive variants.

As governments double down on bolstering maritime dominance amid growing geopolitical tensions, defense allocations toward anti-submarine warfare (ASW) and integrated sonar solutions have risen significantly. Furthermore, the adoption of sonar technologies is expanding beyond military uses into civilian and commercial spheres—such as seafloor exploration, offshore energy development, fisheries, and environmental monitoring. Integration with AI, miniaturization of sonar hardware, and deployment on Unmanned Underwater Vehicles (UUVs) and aircraft platforms are reshaping the application landscape. However, the market growth remains partially inhibited by high system integration costs, environmental impact concerns from sonar emissions, and the need for multi-platform interoperability.

From a regional perspective, North America remains the dominant force, driven by robust R&D ecosystems, continuous naval modernization programs, and the presence of leading sonar system manufacturers. The U.S. Navy's emphasis on replacing legacy

sonar with advanced digital and synthetic aperture variants underscores the region's technological edge. Europe, particularly countries like the UK, France, and Germany, also exhibit strong demand for sonar in both blue-water naval fleets and offshore infrastructure management. Meanwhile, Asia Pacific is projected to witness the fastest growth owing to increased naval spending in China, India, South Korea, and Australia—primarily to address territorial disputes and secure maritime trade routes. Latin America and the Middle East are gradually catching up with investments aimed at coastal surveillance and port security enhancements.

Major market player included in this report are:

Kongsberg Gruppen

Raytheon Technologies Corporation

Lockheed Martin Corporation

Thales Group

L3Harris Technologies, Inc.

Ultra Electronics Holdings plc

Northrop Grumman Corporation

Teledyne Technologies Incorporated

General Dynamics Mission Systems

DSIT Solutions Ltd.

Navico (A Navico Group Brand)

Bharat Electronics Limited

ASELSAN A.?.

Leonardo S.p.A.

Sonardyne International Ltd.

## Global Sonar Systems Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period – 2025–2035

Report Coverage – Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope – North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope – Free report customization (equivalent up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players. The detailed segments and sub-segments of the market are explained below:

By Application:

Navigation

Communication

Detection

Imaging

Others

**By Platform:**

Commercial Vessels

Defence Vessels

Unmanned Underwater Vehicles (UUVs)

Aircrafts

Ports

**By Type:**

Active

Passive

Dual Mode

**By Material:**

Piezoelectric Ceramics

Polymers

Composites

Others

## By Region:

### North America

U.S.

Canada

### Europe

UK

Germany

France

Spain

Italy

Rest of Europe

### Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

## Latin America

Brazil

Mexico

## Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

## Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

## Contents

### **CHAPTER 1. GLOBAL SONAR SYSTEMS MARKET REPORT SCOPE & METHODOLOGY**

- 1.1. Research Objective
- 1.2. Research Methodology
  - 1.2.1. Forecast Model
  - 1.2.2. Desk Research
  - 1.2.3. Top-Down and Bottom-Up Approach
- 1.3. Research Attributes
- 1.4. Scope of the Study
  - 1.4.1. Market Definition
  - 1.4.2. Market Segmentation
- 1.5. Research Assumptions
  - 1.5.1. Inclusion & Exclusion
  - 1.5.2. Limitations
  - 1.5.3. Years Considered for the Study

### **CHAPTER 2. EXECUTIVE SUMMARY**

- 2.1. CEO/CXO Standpoint
- 2.2. Strategic Insights
- 2.3. ESG Analysis
- 2.4. Key Findings

### **CHAPTER 3. GLOBAL SONAR SYSTEMS MARKET FORCES ANALYSIS**

- 3.1. Market Forces Shaping the Global Sonar Systems Market (2024–2035)
- 3.2. Drivers
  - 3.2.1. Surge in Anti-Submarine Warfare Investments
  - 3.2.2. Expansion of Offshore Energy Exploration
  - 3.2.3. Technological Advances in AI-Driven Acoustic Imaging
- 3.3. Restraints
  - 3.3.1. High System Integration and Maintenance Costs
  - 3.3.2. Environmental Concerns over Acoustic Emissions
- 3.4. Opportunities
  - 3.4.1. Deployment on Unmanned Underwater and Aerial Platforms
  - 3.4.2. Growing Demand for Port and Coastal Surveillance

### 3.4.3. Adoption of Composite and Polymer-Based Transducers

## **CHAPTER 4. GLOBAL SONAR SYSTEMS INDUSTRY ANALYSIS**

- 4.1. Porter's Five Forces Model
  - 4.1.1. Bargaining Power of Buyers
  - 4.1.2. Bargaining Power of Suppliers
  - 4.1.3. Threat of New Entrants
  - 4.1.4. Threat of Substitutes
  - 4.1.5. Competitive Rivalry
- 4.2. Porter's Five Forces Forecast Model (2024–2035)
- 4.3. PESTEL Analysis
  - 4.3.1. Political
  - 4.3.2. Economic
  - 4.3.3. Social
  - 4.3.4. Technological
  - 4.3.5. Environmental
  - 4.3.6. Legal
- 4.4. Top Investment Opportunities
- 4.5. Top Winning Strategies (2025)
- 4.6. Market Share Analysis (2024–2025)
- 4.7. Global Pricing Analysis and Trends (2025)
- 4.8. Analyst Recommendations & Conclusion

## **CHAPTER 5. GLOBAL SONAR SYSTEMS MARKET SIZE & FORECASTS BY APPLICATION (2025–2035)**

- 5.1. Market Overview
- 5.2. Navigation
  - 5.2.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035
  - 5.2.2. Market Size Analysis, by Region, 2025–2035
- 5.3. Communication
  - 5.3.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035
  - 5.3.2. Market Size Analysis, by Region, 2025–2035
- 5.4. Detection
  - 5.4.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035
  - 5.4.2. Market Size Analysis, by Region, 2025–2035
- 5.5. Imaging
  - 5.5.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035

- 5.5.2. Market Size Analysis, by Region, 2025–2035
- 5.6. Others
  - 5.6.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035
  - 5.6.2. Market Size Analysis, by Region, 2025–2035

## **CHAPTER 6. GLOBAL SONAR SYSTEMS MARKET SIZE & FORECASTS BY PLATFORM (2025–2035)**

- 6.1. Market Overview
- 6.2. Commercial Vessels
  - 6.2.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035
  - 6.2.2. Market Size Analysis, by Region, 2025–2035
- 6.3. Defence Vessels
  - 6.3.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035
  - 6.3.2. Market Size Analysis, by Region, 2025–2035
- 6.4. Unmanned Underwater Vehicles (UUVs)
  - 6.4.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035
  - 6.4.2. Market Size Analysis, by Region, 2025–2035
- 6.5. Aircrafts
  - 6.5.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035
  - 6.5.2. Market Size Analysis, by Region, 2025–2035
- 6.6. Ports
  - 6.6.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035
  - 6.6.2. Market Size Analysis, by Region, 2025–2035

## **CHAPTER 7. GLOBAL SONAR SYSTEMS MARKET SIZE & FORECASTS BY TYPE (2025–2035)**

- 7.1. Market Overview
- 7.2. Active
  - 7.2.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035
  - 7.2.2. Market Size Analysis, by Region, 2025–2035
- 7.3. Passive
  - 7.3.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035
  - 7.3.2. Market Size Analysis, by Region, 2025–2035
- 7.4. Dual Mode
  - 7.4.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035
  - 7.4.2. Market Size Analysis, by Region, 2025–2035

## **CHAPTER 8. GLOBAL SONAR SYSTEMS MARKET SIZE & FORECASTS BY MATERIAL (2025–2035)**

### 8.1. Market Overview

### 8.2. Piezoelectric Ceramics

#### 8.2.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035

#### 8.2.2. Market Size Analysis, by Region, 2025–2035

### 8.3. Polymers

#### 8.3.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035

#### 8.3.2. Market Size Analysis, by Region, 2025–2035

### 8.4. Composites

#### 8.4.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035

#### 8.4.2. Market Size Analysis, by Region, 2025–2035

### 8.5. Others

#### 8.5.1. Top Countries Breakdown Estimates & Forecasts, 2024–2035

#### 8.5.2. Market Size Analysis, by Region, 2025–2035

## **CHAPTER 9. GLOBAL SONAR SYSTEMS MARKET SIZE & FORECASTS BY REGION (2025–2035)**

### 9.1. Regional Market Snapshot

### 9.2. North America

#### 9.2.1. U.S.

##### 9.2.1.1. Application Breakdown Size & Forecasts, 2025–2035

##### 9.2.1.2. Platform Breakdown Size & Forecasts, 2025–2035

#### 9.2.2. Canada

##### 9.2.2.1. Application Breakdown Size & Forecasts, 2025–2035

##### 9.2.2.2. Platform Breakdown Size & Forecasts, 2025–2035

### 9.3. Europe

#### 9.3.1. UK

##### 9.3.1.1. Application Breakdown Size & Forecasts, 2025–2035

##### 9.3.1.2. Platform Breakdown Size & Forecasts, 2025–2035

#### 9.3.2. Germany

##### 9.3.2.1. Application Breakdown Size & Forecasts, 2025–2035

##### 9.3.2.2. Platform Breakdown Size & Forecasts, 2025–2035

#### 9.3.3. France

##### 9.3.3.1. Application Breakdown Size & Forecasts, 2025–2035

##### 9.3.3.2. Platform Breakdown Size & Forecasts, 2025–2035

#### 9.3.4. Spain

- 9.3.4.1. Application Breakdown Size & Forecasts, 2025–2035
- 9.3.4.2. Platform Breakdown Size & Forecasts, 2025–2035
- 9.3.5. Italy
  - 9.3.5.1. Application Breakdown Size & Forecasts, 2025–2035
  - 9.3.5.2. Platform Breakdown Size & Forecasts, 2025–2035
- 9.3.6. Rest of Europe
  - 9.3.6.1. Application Breakdown Size & Forecasts, 2025–2035
  - 9.3.6.2. Platform Breakdown Size & Forecasts, 2025–2035
- 9.4. Asia Pacific
  - 9.4.1. China
    - 9.4.1.1. Application Breakdown Size & Forecasts, 2025–2035
    - 9.4.1.2. Platform Breakdown Size & Forecasts, 2025–2035
  - 9.4.2. India
    - 9.4.2.1. Application Breakdown Size & Forecasts, 2025–2035
    - 9.4.2.2. Platform Breakdown Size & Forecasts, 2025–2035
  - 9.4.3. Japan
    - 9.4.3.1. Application Breakdown Size & Forecasts, 2025–2035
    - 9.4.3.2. Platform Breakdown Size & Forecasts, 2025–2035
  - 9.4.4. Australia
    - 9.4.4.1. Application Breakdown Size & Forecasts, 2025–2035
    - 9.4.4.2. Platform Breakdown Size & Forecasts, 2025–2035
  - 9.4.5. South Korea
    - 9.4.5.1. Application Breakdown Size & Forecasts, 2025–2035
    - 9.4.5.2. Platform Breakdown Size & Forecasts, 2025–2035
  - 9.4.6. Rest of Asia Pacific
    - 9.4.6.1. Application Breakdown Size & Forecasts, 2025–2035
    - 9.4.6.2. Platform Breakdown Size & Forecasts, 2025–2035
- 9.5. Latin America
  - 9.5.1. Brazil
    - 9.5.1.1. Application Breakdown Size & Forecasts, 2025–2035
    - 9.5.1.2. Platform Breakdown Size & Forecasts, 2025–2035
  - 9.5.2. Mexico
    - 9.5.2.1. Application Breakdown Size & Forecasts, 2025–2035
    - 9.5.2.2. Platform Breakdown Size & Forecasts, 2025–2035
- 9.6. Middle East & Africa
  - 9.6.1. UAE
    - 9.6.1.1. Application Breakdown Size & Forecasts, 2025–2035
    - 9.6.1.2. Platform Breakdown Size & Forecasts, 2025–2035
  - 9.6.2. Saudi Arabia

- 9.6.2.1. Application Breakdown Size & Forecasts, 2025–2035
- 9.6.2.2. Platform Breakdown Size & Forecasts, 2025–2035
- 9.6.3. South Africa
  - 9.6.3.1. Application Breakdown Size & Forecasts, 2025–2035
  - 9.6.3.2. Platform Breakdown Size & Forecasts, 2025–2035
- 9.6.4. Rest of Middle East & Africa
  - 9.6.4.1. Application Breakdown Size & Forecasts, 2025–2035
  - 9.6.4.2. Platform Breakdown Size & Forecasts, 2025–2035

## **CHAPTER 10. COMPETITIVE INTELLIGENCE**

- 10.1. Top Market Strategies
- 10.2. Kongsberg Gruppen
  - 10.2.1. Company Overview
  - 10.2.2. Key Executives
  - 10.2.3. Company Snapshot
  - 10.2.4. Financial Performance (Subject to Data Availability)
  - 10.2.5. Product/Services Port
  - 10.2.6. Recent Development
  - 10.2.7. Market Strategies
  - 10.2.8. SWOT Analysis
- 10.3. Raytheon Technologies Corporation
- 10.4. Lockheed Martin Corporation
- 10.5. Thales Group
- 10.6. L3Harris Technologies, Inc.
- 10.7. Ultra Electronics Holdings plc
- 10.8. Northrop Grumman Corporation
- 10.9. Teledyne Technologies Incorporated
- 10.10. General Dynamics Mission Systems
- 10.11. DSIT Solutions Ltd.
- 10.12. Navico (A Navico Group Brand)
- 10.13. Bharat Electronics Limited
- 10.14. ASELSAN A.?.
- 10.15. Leonardo S.p.A.
- 10.16. Sonardyne International Ltd.

## List Of Tables

### LIST OF TABLES

- Table 1. Global Sonar Systems Market, Report Scope
- Table 2. Global Sonar Systems Market Estimates & Forecasts by Region 2024–2035
- Table 3. Global Sonar Systems Market Estimates & Forecasts by Application 2024–2035
- Table 4. Global Sonar Systems Market Estimates & Forecasts by Platform 2024–2035
- Table 5. Global Sonar Systems Market Estimates & Forecasts by Type 2024–2035
- Table 6. Global Sonar Systems Market Estimates & Forecasts by Material 2024–2035
- Table 7. North America Sonar Systems Market Estimates & Forecasts, 2024–2035
- Table 8. U.S. Sonar Systems Market Estimates & Forecasts, 2024–2035
- Table 9. Canada Sonar Systems Market Estimates & Forecasts, 2024–2035
- Table 10. UK Sonar Systems Market Estimates & Forecasts, 2024–2035
- Table 11. Germany Sonar Systems Market Estimates & Forecasts, 2024–2035
- Table 12. France Sonar Systems Market Estimates & Forecasts, 2024–2035
- Table 13. Spain Sonar Systems Market Estimates & Forecasts, 2024–2035
- Table 14. Italy Sonar Systems Market Estimates & Forecasts, 2024–2035
- Table 15. Rest of Europe Sonar Systems Market Estimates & Forecasts, 2024–2035
- Table 16. China Sonar Systems Market Estimates & Forecasts, 2024–2035
- Table 17. India Sonar Systems Market Estimates & Forecasts, 2024–2035
- Table 18. Japan Sonar Systems Market Estimates & Forecasts, 2024–2035
- Table 19. Australia Sonar Systems Market Estimates & Forecasts, 2024–2035
- Table 20. South Korea Sonar Systems Market Estimates & Forecasts, 2024–2035
- Table 21. Rest of Asia Pacific Sonar Systems Market Estimates & Forecasts, 2024–2035
- Table 22. Brazil Sonar Systems Market Estimates & Forecasts, 2024–2035
- Table 23. Mexico Sonar Systems Market Estimates & Forecasts, 2024–2035
- Table 24. UAE Sonar Systems Market Estimates & Forecasts, 2024–2035
- Table 25. Saudi Arabia Sonar Systems Market Estimates & Forecasts, 2024–2035
- Table 26. South Africa Sonar Systems Market Estimates & Forecasts, 2024–2035
- Table 27. Rest of Middle East & Africa Sonar Systems Market Estimates & Forecasts, 2024–2035

## List Of Figures

### LIST OF FIGURES

- Fig 1. Global Sonar Systems Market, Research Methodology
- Fig 2. Global Sonar Systems Market, Market Estimation Techniques
- Fig 3. Global Market Size Estimates & Forecast Methods
- Fig 4. Global Sonar Systems Market, Key Trends 2025
- Fig 5. Global Sonar Systems Market, Growth Prospects 2024–2035
- Fig 6. Global Sonar Systems Market, Porter's Five Forces Model
- Fig 7. Global Sonar Systems Market, PESTEL Analysis
- Fig 8. Global Sonar Systems Market, Value Chain Analysis
- Fig 9. Sonar Systems Market by Application, 2025 & 2035
- Fig 10. Sonar Systems Market by Platform, 2025 & 2035
- Fig 11. Sonar Systems Market by Type, 2025 & 2035
- Fig 12. Sonar Systems Market by Material, 2025 & 2035
- Fig 13. North America Sonar Systems Market, 2025 & 2035
- Fig 14. Europe Sonar Systems Market, 2025 & 2035
- Fig 15. Asia Pacific Sonar Systems Market, 2025 & 2035
- Fig 16. Latin America Sonar Systems Market, 2025 & 2035
- Fig 17. Middle East & Africa Sonar Systems Market, 2025 & 2035
- Fig 18. Global Sonar Systems Market, Company Market Share Analysis (2025)

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