

# Autonomous Underwater Vehicle (AUV) Market Report 2021-26, Industry Trends, Share, Size, Demand and Future Scope

SHERIDAN, WYOMING, UNITED STATES, January 12, 2022 /EINPresswire.com/ -- According to IMARC Group's latest report, titled "Autonomous Underwater Vehicle (AUV) Market: Industry Trends, Share, Size, Growth, Opportunity and Forecast 2021-2026," the [global autonomous underwater vehicle market](#) exhibited strong growth during 2015-2020. Looking forward, the market is expected to grow at a CAGR of around 19% during 2021-2026.



We are regularly tracking the direct effect of COVID-19 on the market, along with the indirect influence of associated industries. These observations will be integrated into the report.

An autonomous underwater vehicle (AUV) is a self-driven device that conducts underwater survey missions without any human help. It is primarily employed for remote navigation, detection, and mapping, pertaining to diverse marine-based applications. These applications generally include collision avoidance, marine exploration, communication, imaging, archaeological research, etc. As a result, AUVs are widely adopted across diverse sectors, such as oil and gas, defense, scientific research, oceanography, archaeological exploration, aquaculture, etc.

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## Market Trends

The global market for AUVs is primarily driven by the expanding oil and gas industry. The oil and gas companies are increasingly adopting AUVs for offshore explorations, underwater monitoring, installing new infrastructures, and deep-water oil/gas production activities. Moreover, a

significant growth in the military and defense sectors has also augmented the demand for AUVs for underwater monitoring and surveillance. Besides this, the market is further catalyzed by the growing number of marine exploration activities for mineral and ore extraction. Rapid integration of AUVs with connectivity-temperature-depth (CTD) and biogeochemical sensors, along with the emergence of the Internet-of-Underwater Things (IoUT), will further continue to drive the market growth in the coming years.

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List of Key Companies Covered in this Market Report:

Atlas Elektronik GmbH  
BAE Systems PLC  
Boston Engineering Corporation  
ECA Group  
Fugro (AMS: FUR)  
General Dynamics Mission Systems Inc. (General Dynamics Corporation)  
Hydromea SA  
International Submarine Engineering Ltd  
Kongsberg Maritime (Kongsberg Gruppen ASA)  
L3Harris OceanServer  
Lockheed Martin Corporation  
Saab AB  
The Boeing Company  
Teledyne Marine (Teledyne Technologies Inc)

The report has segmented the market on the basis of type, technology, payload type, shape, application and geography.

Breakup by Type:

Shallow AUVs (depth <100 M)  
Medium AUVs (depth 100 M to 1000 M)  
Large AUVs (depth >1000 M)

Breakup by Technology:

Communication Systems  
Acoustic Communication Systems  
Satellite Communication Systems  
Navigation Systems  
Inertial Navigation Systems  
Acoustic Navigation Systems

- Geophysical Navigation Systems
- Dead Reckoning Navigation Systems
- Others
- Propulsion Systems
- Fin Control Actuators
- Propulsion Motors
- Pump Motors
- Linear Electromechanical Actuators
- Battery Modules
- Imaging Systems
- Side-Scan Sonar (SSS) Imagers
- Multibeam Echo Sounders (MBES)
- Sub-Bottom Profilers (SBPS)
- LED Lighting
- Collision Avoidance Systems

#### Breakup by Payload Type:

- Cameras
- High Resolution Digital Still Cameras
- Dual-Eye Cameras
- Sensors
- CTD Sensors
- Biogeochemical Sensors
- Synthetic Aperture Sonars
- Echo Sounders
- Acoustic Doppler Current Profilers
- Others

#### Breakup by Shape:

- Torpedo
- Laminar Flow Body
- Streamlined Rectangular Style
- Multi-Hull Vehicle

#### Breakup by Application:

- Military & Defence
- Oil & Gas
- Environmental Protection and Monitoring
- Oceanography
- Archaeology and Exploration

Search and Salvage Operations  
Others

Breakup by Geography:

North America (U.S. & Canada)  
Europe (Germany, United Kingdom, France, Italy, Spain, Russia, and Others)  
Asia Pacific (China, India, Japan, South Korea, Indonesia, Australia, and Others)  
Latin America (Brazil, Mexico)  
Middle East & Africa

Key highlights of the report:

Market Performance (2015-2020)  
Market Outlook (2021- 2026)  
Porter's Five Forces Analysis  
Market Drivers and Success Factors  
SWOT Analysis  
Value Chain  
Comprehensive Mapping of the Competitive Landscape

If you need specific information that is not currently within the scope of the report, we can provide it to you as a part of the customization.

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IMARC's information products include major market, scientific, economic and technological developments for business leaders in pharmaceutical, industrial, and high technology organizations. Market forecasts and industry analysis for biotechnology, advanced materials, pharmaceuticals, food and beverage, travel and tourism, nanotechnology and novel processing methods are at the top of the company's expertise.

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