

Global Sonar (Sound Navigation and Ranging) System Market: Size, Trends and Forecasts (2019-2023)

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Abstracts

Scope of the Report

The report titled “Global Sonar (Sound Navigation and Ranging) System Market: Size, Trends and Forecasts (2019-2023)”, provides an in depth analysis of the global sonar system market by value, by application, by region, etc. The report provides a detailed analysis of the commercial and defense sonar system market by application. The report also provides a regional analysis of the sonar system market, including the following regions: North America, Europe, Asia Pacific and ROW.

The report also assesses the key opportunities in the market and outlines the factors that are and will be driving the growth of the industry. Growth of the overall global sonar system market has also been forecasted for the period 2019-2023, taking into consideration the previous growth patterns, the growth drivers and the current and future trends.

The global sonar system market is highly fragmented with many market players operating worldwide. Some sonar system market players operating on a local level while other players operating on a regional and global level. Many local and regional vendors are offering specific application sonar systems for varied end-users. Further, key players of the sonar system market are Thales Group (Thales Underwater Systems), Ultra Electronics Holdings plc, Raytheon Company, Lockheed Martin Corporation, are also profiled with their financial information and respective business strategies.

Country Coverage

North America

Europe

Asia Pacific

ROW

Company Coverage

Thales Group (Thales Underwater Systems)

Ultra Electronics Holdings plc

Raytheon Company

Lockheed Martin Corporation

Executive Summary

Sonar (Sound Navigation and Ranging), refers to a technique that is used to detect or locate objects, especially under the surface of water by using sound waves. Sonar systems can be divided into two categories: Active Sonar (consists of transmitter and receiver) and Passive Sonar (contains only a receiver).

The main uses of sonar system include: for estimation of direction of arrival objects such as submarines; for finding out lost ships and submarines; for communication between sub-merged submarines; for locating mines and underwater hazards in order to achieve safe navigation; for seafloor mapping and seafloor imaging, etc.

The sonar system has a very significant history with continuous introduction of new and innovative technologies. The sonar system market can be segmented on the basis of application (Commercial & Defense); product type (Hull Mounted Sonars; Stern Mounted Sonars; Sonobuoy; Diver Detection Systems & Unmanned Underwater Vehicle (UUV) Sonars); frequency (High; Medium & Low) and installation (Vessel-mounted; Towed; Airborne; Port & Unmanned Underwater Vehicles (UUVs)). The commercial and defense sonar system market can be further segmented into

applications: commercial sonar system application (Navigation; Hydrography & Fishing) and defense sonar system application (Anti-submarine Warfare; Mine Detection & Countermeasure; Diver Detection; Port Security; Search & Rescue and Others).

The global sonar system market has increased significantly during the years 2017-2018 and projections are made that the market would rise in the next four years i.e. 2019-2023 tremendously. The sonar system market is expected to increase due to the expanding maritime tourism sector, increasing seaborne trade activities, rise in the new ship orders, growing use of sonar system in fishery industry, increasing consumption of oil and gas, etc. Yet the market faces some challenges such as the side effects on marine life from the usage of sonar, shortage of qualified professionals in maritime industry, etc.

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