

**Middle East & Africa Collision Avoidance and Object Detection Maritime Market Forecast to 2028 - COVID-19 Impact and Regional Analysis - by Technology (LiDAR, Computer Vision, Radar, and Others), Application (Blind Spot Detection, Night Vision, and Others), and End User [(Unmanned Surface Vehicle, Ships, and Autonomous Underwater Vehicle (AUV))]**

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**Report description:**

The collision avoidance and object detection maritime market in Middle East & Africa is expected to grow from US\$ 31.53 million in 2022 to US\$ 43.85 million by 2028. It is estimated to grow at a CAGR of 5.7% from 2022 to 2028.

**Growing Research on Military Applications of Unmanned Surface Vehicles and Autonomous Underwater Vehicles**

Unmanned surface vehicles (USVs) are boats or ships that operate on water surfaces without a crew, which necessitates collision avoidance systems, sensors, satellite links, radars, and communications suites to ensure the safety of humans in the vicinity against collisions and accidents. An autonomous underwater vehicle (AUV) is a type of unmanned vehicle that travels underwater without requiring input from an operator; it can include both autonomous and remotely operations. A rise in expenditure in the offshore oil & gas industry and growing investments from the defense sector for the deployment of AUVs in military applications are expected to bolster the demand for collision avoidance and object detection systems in the coming years. In October 2022, RTsys signed a contract with the Slovenian Navy for the supply of one COMET-MCM AUV and two NEMOSENS micro-AUVs. Moreover, in October 2022, SEABER introduced its new micro-AUV RECALL for antisubmarine warfare (ASW) training applications. Thus, with the rise in research on the military applications of USVs and AUVs is creating potential opportunities for the future growth of the collision avoidance and object detection maritime market players.

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## Market Overview

The collision avoidance and object detection maritime market in the MEA is further segmented into South Africa, Saudi Arabia, and the UAE. The region is expected to witness rapid commercialization and industrialization, which would also boost the growth of various sectors. The Gulf countries are economically developed, while the African countries are yet to match up to these countries' economic conditions.

Middle East & Africa Collision Avoidance and Object Detection Maritime Market Revenue and Forecast to 2028 (US\$ Million)

Middle East & Africa Collision Avoidance and Object Detection Maritime Market Segmentation

The Middle East & Africa collision avoidance and object detection maritime market is segmented into by technology, application, end user, and country.

Based on technology, the market is segmented into LiDAR, computer vision, radar, and others. The radar segment held the largest market share in 2022. Based on application, the market is segmented into blind spot detection, night vision, and others. The others segment held the largest market share in 2022. Based on end user, the market is segmented into unmanned surface vehicle, ships, and autonomous underwater vehicle (AUV). The Ships segment dominated the market share in 2022. Based on country, the market is segmented into South Africa, Saudi Arabia, the UAE, and the Rest of Middle East & Africa. The Saudi Arabia segment dominated the market share in 2022. Benewake (Beijing) Co Ltd; Sea Machines Robotics Inc.; Terma AS; and Teledyne FLIR LLC are the leading companies operating in the collision avoidance and object detection maritime market in the region.

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