

عنوان مقاله:

A Study on Applying New Sonar Systems in Persian Gulf for Marine Applications

محل انتشار:

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خلاصه مقاله:

Persian Gulf is the most strategic waterway in the world due to its importance in the global oil transportation and geopolitics. Underwater inspection and exploration, on the other hand, plays an important role in both military and civil applications and sonar systems are the most useful tools in this manner. Due to out of date technology of sonar systems in Iran, it is necessary to replace old sonar technology with new ones. PC based sonar systems are new generation of *D visualization sonar systems which can be used in Iranian vessels. Their low cost price and availability with high performance make them useful to apply in shallow water environments such as Persian Gulf. In this paper sonar systems in general and PC based *D sonar systems in specific, are discussed and the need of applying them in Persian Gulf inspections is expressed.

کلمات کلیدی:

Sonar, side scan sonar, forward looking sonar, sub-bottom profiler, PC based sonar, ROV

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