Abstract

Detection of objects of interest and finding out anomalies in the ports of sea is of a very high magnitude considering the low amount of current video analysis in maritime surveillance.
systems present. Nearly about 80% of all world trade is carried by sea transport. With the growing use of maritime transport, an increase of illegal activities from traffic of prohibited substances, to terrorist attacks using sea transport is constantly occurring. This work is motivated by the importance of this above said issue and that there are no major surveys on video detection for object recognition and analysis system in a marine environment for surveillance. In this paper we propose a novel method to recognize an object and detect it by its feature set and later can be utilized to differentiate anomalies encountered.

References

- B. Fisher, "The RANSAC (Random Sample Consensus)

**Index Terms**

Computer Science  Image Processing

**Keywords**

Maritime Surveillance System  Object Recognition