Method and System for Surveillance of Vessels

Abstract

A surveillance system and method for vessels. The system comprises surveillance means for surveying a waterway; vessel detection means for determining the presence and location of a vessel in the waterway based on information from the surveillance means; camera means for capturing one or more images of the vessel; image processing means for processing the images captured by the camera means for deriving surveillance data; wherein the camera means captures the vessel images based on information from the vessel detection means, the surveillance data from the image processing means, or both. The images can be used to classify and identify the vessel by name and category, possibly also to compare the category with that previously registered for a vessel of this name. The vessel can be tracked, including by speed and direction until it leaves the surveyed waterway.

Figure 1