

Yacht DB Construction Based on Five Essentials of Sailing

Authors : Jae-Neung Lee, Myung-Won Lee, Jung-Su Han, Keun-Chang Kwak

Abstract : The paper established DB on the basis of five sailing essentials in the real yachting environment. It obtained the yacht condition (tilt, speed and course), surrounding circumstances (wind direction and speed) and user motion. Gopro camera for image processing was used to recognize the user motion and tilt sensor was employed to see the yacht balance. In addition, GPS for course, wind speed and direction sensor and marked suit were employed.

Keywords : DB construction, yacht, five essentials of sailing, marker, Gps

Conference Title : ICSCDM 2015 : International Conference on Soft Computing and Data Mining

Conference Location : Paris, France

Conference Dates : February 23-24, 2015