

Abstract

Research Title : Global Positioning System Prototype Model Used For Remote Substance GT-200
Author : Miss Kittiya Tahong and Captain Yingot Sa-nguanpuag
Year : 2553

The purpose of this research are ICT development and applying. To solve the error of mapping utilized with remote substance detector (GT-200) by applying GPS with E-mapping on internet network based on microcomputer technology. Indicated location on the earth by absolute positioning method and time-based technique to read data from the GPS receiver. From effective test, 2 different substance detection in the same area and the same 5 characteristic area repeated, founded that 24% error but acceptable. If we use relative positioning method so that we can get rid of some environmental error and SA ratio, then this method it get more precision GPS receiver.