The Study and Implementation of GPS-BC for Flow Management

E-mail: 9507683@mail.dyu.edu.tw

ABSTRACT

The implementation of integration of GPS (global position system) receiver chipset with portable flash memory via USB (universal series bus) interface, called GPS-BC (GPS-batch controller) are proposed and implemented in this paper. In order to handle up the process of business management, e. g. flow of objects, worker order, manpower management, materials inventory, distribution analysis, mapping, easily and much reliability. The data collected by the GPS-BC is put together with an information database (back end) so that the analysis of cost in one enterprise can be progressed.

Keywords : embedded system, GPS (global position system), USB (universal series bus), RS-232, NEMA (national marine electronics association).

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