

ABSTRACT

In connection with a voyage in which a ship visits several ports on a sailing route, when a user inputs a berthing period at each port on the sailing route on a screen in a computer for managing voyage information displayed by a terminal device, the terminal device specifies, with regard to each sectional sailing route between two neighboring ports on the sailing route, fuel consumption rate when the ship sails on the sectional sailing route based on a sailing speed determined by the input berthing periods and parameters of maritime weather conditions under which the ship sails on the sectional sailing route. The terminal device calculates fuel consumption required for sailing on each sectional sailing route and total fuel consumption required for sailing the entire sailing route using the specified fuel consumption rates. The fuel consumption with regard to each sectional sailing route and the total fuel consumption with regard to the entire sailing route calculated by the terminal device are displayed on the screen for managing voyage information. The user can modify a berthing period in a voyage schedule while he/she checks how much fuel consumption required for the voyage is changed by the modification.