

ABSTRACT

The present invention provides a means for managing a voyage of a ship so that fuel consumption actually required for the voyage should not exceed a threshold value. For achieving the aim described above, ship speed determination server device (12) determines, at regular intervals while the ship is sailing, ship speed causing fuel consumption that is estimated to be required for the ship to sail from a current location of the ship to a destination point and that does not exceed a value calculated by subtracting actual fuel consumption required for a voyage of the ship from the departure point to the current location from planned fuel consumption planned to be required for the entire voyage of the ship from the departure point to the destination point, on the basis of navigation log data received from ship terminal device (11), meteorological/hydrographic forecast data received from meteorological/hydrographic forecast data distribution service device (13), and sample data stored prior to the voyage of the ship. Ship speed determination server device (12) transmits target ship speed data indicating the determined ship speed to ship terminal device (11). When the ship sails at the ship speed indicated by the target ship speed data, fuel consumption that is actually required for the entire voyage does not exceed the planned fuel consumption.