

SYSTEM FOR TREATING SHIPS' BALLAST WATER

Abstract

5 The system for treating ships' ballast water (1),
which is attached to a ship (S) that sails a sea route
having a plurality of calling ports, comprises: a
disinfectant reservoir (21) that stores a disinfectant; a
data acquisition means that acquires stored disinfectant
10 information regarding a remaining amount and an effective
chlorine concentration of a disinfectant stored in the
disinfectant reservoir (21); a data storage means that
stores supplier information regarding a disinfectant
supplier at each of the plurality of calling ports and sea
15 route information regarding a call sequence and a call
schedule for the plurality of calling ports; and a data
calculation means that determines whether or not an order
for the disinfectant has to be placed, on the basis of the
stored disinfectant information. When determining that the
20 order for the disinfectant has to be placed, the data
calculation means makes a determination as to which calling
port among the plurality of calling ports at which the
order for the disinfectant is placed with a disinfectant
supplier. According to such a system for treating ships'
25 ballast water, it is possible to receive the delivery of a
disinfectant having deteriorated as little as possible.

[Fig. 1]