

ABSTRACT

Attribute-record-data-acquisition means 121 and
deterioration-degree-data-acquisition means 122 acquire attribute record data and
5 deterioration degree data from a terminal device mounted on a ship. The attribute
record data indicates an attribute relating to a state of past sailing of the ship. The
deterioration degree data indicates a deterioration degree, which is checked by a
worker during performance of maintenance work, of each device mounted on the ship.
10 Relational-data-generation means 123 generates relational data indicating a relation
between various attributes relating to the state of the sailing of the ship and the
deterioration degree of the device based on the attribute record data and deterioration
degree data. Estimated-attribute-data-acquisition means 125 acquires estimated
attribute data indicating an estimated value of the attributes relating to sailing of the
15 ship. Timing-data-generation means 126 generates timing data indicating a timing
of maintenance work to be performed on each device based on the attribute record
data, estimated attribute data, and relational data.