

ABSTRACT

Reception unit 122 receives noon report data that includes long-term fuel consumption amount data indicative of a fuel consumption amount in one day for navigation of ship 9, and navigation log data that includes short-term fuel consumption amount data indicative of an hourly fuel consumption amount in one day. Detection unit 123 detects an outlier of a value indicated by the short-term fuel consumption amount data. Determination unit 124 determines a conversion rule for converting the values indicated by the short-term fuel consumption amount data in such a manner as to equalize a total value of converted values from the values indicated by the short-term fuel consumption amount data with a value indicated by the long-term fuel consumption amount data. Conversion unit 125 converts the value indicated by the short-term fuel consumption amount data in accordance with the conversion rule, which is determined by determination unit 124. This generates the converted values indicative of an hourly fuel consumption amount, consistent with the fuel consumption amount indicated by the long-term fuel consumption amount data.