

ABSTRACT

METHOD FOR PLANNING STOWAGE OF SHIP, STOWAGE PLANNING
SYSTEM, AND SHIP

A real wave moment $M_w(r)$ to occur in a ship S due to sea state on a voyage route is estimated based on sea state predicted on the voyage route, and stowage of cargo is planned based on an estimated value of the real wave moment $M_w(r)$. The difference between the estimated value of the real wave moment $M_w(r)$ and a design wave moment $M_w(d)$ is calculated as a stowage margin ΔM , and it is determined based on the stowage margin ΔM whether the stowage of cargo is changed or not.

Figure 1