

Method for managing the filling levels of tanks

ABSTRACT

A method for managing the filling levels of a plurality of tanks arranged in a ship, said tanks being connected in such a way as to allow liquid to be transferred between said tanks, the method comprising

- providing an initial state (7) of the tanks,
- determining a target state (8) defining respective final filling levels of said tanks,
- determining a liquid transfer scenario (9), the transfer scenario defining one or more flows of liquid to be transferred between the tanks during a transfer period in order to shift from the initial state to the target state of the tanks,
- calculating a probability of damage to the tanks (10) during the course of said transfer scenario, as a function of successive filling levels of the tanks during the transfer period,
- if the probability of damage to the tanks satisfies an acceptance criterion, transferring (13) the liquid between the tanks in accordance with said transfer scenario.

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