

Title (en)

METHOD FOR CONTROLLING THE TRIM OF A TRANSPORT SHIP WITHOUT SEAWATER BALLAST

Title (de)

VERFAHREN ZUR STEUERUNG DER VERKLEIDUNG EINES TRANSPORTSCHIFFES OHNE SEEWASSERBALLAST

Title (fr)

PROCEDE DE CONTROLE DE L'ASSIETTE D'UN NAVIRE DE TRANSPORT SANS BALLAST D'EAU DE MER

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Application

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Abstract (en)

[origin: WO2020012113A1] This invention relates to a method for controlling the trim of a transport ship without seawater ballast (1), having a width l measured along a transverse axis (y'y) of the ship (1), said ship (1) having an empty weight Pv of 20% to 60% of its total weight PT, taking into account a given maximum loading weight capacity PTC, according to the formula: $PT = P_v + P_{TC}$, at least one first and one second closed liquid tanks (3' or 3''), not communicating with the sea, whose total weight PRT, when completely filled with a liquid of density equal to 1, makes up 2% to 8%, preferably 3% to 6%, of said empty weight Pv, said tanks (3', 3'') being in communication, via at least one pipe, in order to transfer liquid from one to the other, and being spaced apart from one another by a distance d, considering the respective geometric centre of each of said tanks (3', 3'') to be at least 1/2 when the tanks (3', 3'') are positioned opposite one another essentially along the transverse axis (y'y): $d \geq 1/2$.

IPC 8 full level

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