

The invention relates to the shipbuilding and concerns the technology of production of large-dimension volumetric hull structures of wing section (VHSWS) with the sandwich skin (SS) of reinforced plastic (RP). A method for VHSWS production of SS with RP includes the operations of molding of inner carrying layer of VHSWS SS, shaping of continuous layer of the filler of VHSWS SS in tubular elements arranged end-to-end to each other, shaping of the outer carrying layer of VHSWS SS and hardening of VHSWS billet in the mold. In this case, first in each of the matrices, which form the mold, the billet is formed of continuous layer of the SS filler of VHSWS panel and then it is hardened. From above the continuous layer of the hardened filler SS inner carrying layer of VHSWS panel is formed. To SS inner carrying layer of one of VHSWS panels the pre-shaped and hardened elements of VHSWS internal diagonal set are mold-on. Billets of both VHSWS panels via molding-on of the elements of internal diagonal set to the inner carrying layer in the billet of the second VHSWS panel are connected between them. VHSWS billet obtained by this method is mold along its entire external surface with formation of monolithic outer carrying layer of its SS.