

A sea ice-proof platform has upper structure connected to support basis by means of support columns on which anti-ice barrier as inclined bulb. At that the bulb is placed at perimeter in zone of ice loads and is made closed in perimeter of platform and surrounding support columns in outer diameter, in the upper part of the bulb additional ice-protective inclined ledge is arranged, the ledge is directed in direction opposite to the inclined bulb and placed at angle not less than 8° to vertical direction, and ratio of height of the additional inclined ledge to height of inclined bulb is not less than 0.08. Technical result is in increase of reliability and safety of operation of platform in ice conditions.