Abstract

A large floating structure, a highly safe large floating structure, and a basic module of a very large floating structure. The large floating structure comprises multiple lower floating bodies (3), an upper structure (1), and intermediate connection structures (2). The multiple lower floating bodies (3) comprise multiple distributed strip-shaped floating bodies. The floating bodies are spaced from each other by a certain distance. The sum of the displacement volumes of the floating bodies is greater than the displacement volume when the floating structure as a whole is fully loaded. The intermediate connection structures (2) comprise at least multiple connection structures (21) in a first direction, the first direction intersecting the horizontal plane. A connection structure (21) in the first direction corresponds to a single strip-shaped floating body connected to three or more spaced structures. The cross-section width of each intermediate connection structure (2) in the horizontal direction is less than the width of the corresponding strip-shaped floating body. The large floating structure as a whole is ultra-flat. The present invention is characterized by non-linear response to wave height, and can reduce wave loads, achieve an ultra-large size, and ensure the safety of the floating structure and persons on the floating structure.