CLAIMS

1. A method of manufacturing a liquefied natural gas carrier comprising:

a first step of forming a liquefied natural gas tank on land by assembling a steel prismatic tank with prismatic tank-side strength members for reinforcement, which are arranged on transversely and longitudinally and welded ~~on~~ to an outer surface of the prismatic tank so as to project outwardly therefrom and by performing a thermal insulation barrier work on an inner surface of the prismatic tank so that the inner surface of the prismatic tank is covered by a cold insulator and a membrane provided on the cold insulator;

a second step of forming a hold of a ship, the hold having a double hull structure having an inner hull and a shell plate;

a third step of mounting the liquefied natural gas tank, which has been formed on the land, in the hold of the ship, the third step being carried out after the second step; and

a fourth step of joining the prismatic tank-side strength members, which have been, in advance, arranged on transversely and longitudinally and welded to the outer surface of the prismatic tank, to inner hull-side strength members, which have been, in advance, welded to the inner hull of the ship so as to project inwardly therefrom.

2. The method of manufacturing the liquefied natural gas carrier according to claim 1, wherein the liquefied natural gas tanks are installed in the single hold, being arranged from left to right in a width direction of the hold.

CLAIMS

1. A method of manufacturing a liquefied natural gas carrier comprising:

a first step of forming a liquefied natural gas tank on land by assembling a steel prismatic tank with prismatic tank-side strength members for reinforcement, which are arranged on transversely and longitudinally and welded to an outer surface of the prismatic tank so as to project outwardly therefrom and by performing a thermal insulation barrier work on an inner surface of the prismatic tank so that the inner surface of the prismatic tank is covered by a cold insulator and a membrane provided on the cold insulator;

a second step of forming a hold of a ship, the hold having a double hull structure having an inner hull and a shell plate;

a third step of mounting the liquefied natural gas tank, which has been formed on the land, in the hold of the ship, the third step being carried out after the second step; and

a fourth step of joining the prismatic tank-side strength members, which have been, in advance, arranged on transversely and longitudinally and welded to the outer surface of the prismatic tank, to inner hull-side strength members, which have been, in advance, welded to the inner hull of the ship so as to project inwardly therefrom.

2. The method of manufacturing the liquefied natural gas carrier according to claim 1, wherein the liquefied natural gas tanks are installed in the single hold, being arranged from left to right in a width direction of the hold.