CLAIMS

1. An LNG ship having a structure in which a substantially prismatic tank is installed inside a hold while not being integrated with a hull structure material;

wherein the tank is a long tank, which has a larger dimension of a ship longitudinal direction than that of a ship width direction and is installed inside the hold along the ship longitudinal direction, the long tank being divided into two or more liquid cargo compartments in the ship longitudinal direction by one or more bulkhead plates, each of which is formed in the ship width direction as one plate; and

a key portion is provided on the outer surface of the long tank and integrally formed with an upper portion of a liquid cargo compartment;

wherein the key portion is not a component of the long tank;

the liquid cargo compartment is located at a center of the ship in the longitudinal direction of the long tank; and

anchor point chocks for thermal deformation are provided in a protruding manner in the hull structure material and configured to be located above the long tank on a front side and a rear side of the key portion in the center line direction of the ship and facing the key portion.

2. The LNG ship according to claim 1, wherein a tank group is formed in the ship longitudinal direction so that a plurality of tanks, each of which does not have a bulkhead, are arranged at the front

and rear sides of the long tank, and a space between the long tank and each tank adjacent to the long tank has a cofferdam structure.

3. The LNG ship according to claim 1 or 2, wherein the long tank is provided at the left and right sides of a center line direction of the ship as a boundary.

4. The LNG ship according to any one of claims 1 to 3, wherein the long tank includes three liquid cargo compartments in the ship longitudinal direction.

5. The LNG ship according to any one of claims 1 to 4, wherein the long tank includes two liquid cargo compartments in the ship longitudinal direction.

6. The LNG ship according to any one of claims 1 to 5, wherein an upper border line of the bulkhead plate of the long tank is configured to be spaced apart from a ceiling plate of the long tank so as to form a separation space which is located between the upper border line of the bulkhead plate of the long tank and the ceiling plate of the long tank;

the adjacent liquid cargo compartments communicate with each other via the separation space; and

the height of the separation space is within 10% of the bulkhead plate.

7. The LNG ship according to any one of claims 1 to 6, wherein a lower border line of the bulkhead plate of the long tank is configured to be spaced apart from a bottom plate of the long tank so as to form a separation space which is located between the lower border line of the bulkhead plate of the long tank and the bottom plate of the long tank;

the adjacent liquid cargo compartments communicate with each other via the separation space; and

the height of the separation space is within 5% of the bulkhead plate.

8. The LNG ship according to any one of claims 1 to 7, wherein the LNG ship includes a LNG carrier, FLNG, FSRU, and SRV.

9. The LPG ship according to any one of claims 1 to 8, wherein LPG is transferable.