Claims

[Claim 1]

A cargo tank unit comprising:

a cargo tank of IMO IGC Code Tank Type C having a spherical shape;

a skirt having an upper end connected to a lower half portion of the cargo tank over a circumferential direction and extending downward to be fixed to a hull; and

a welded portion fixing the upper end of the skirt to the cargo tank over the circumferential direction,

wherein the skirt includes a tubular portion and a tank support portion,

the tubular portion has a cylindrical shape extending in an up-down direction, and

the tank support portion is continuously provided on an upper portion of the tubular portion and extends downward and outward in a radial direction of the cargo tank, and

wherein an angle formed by the tank support portion and a central axis of the tubular portion is formed so as to gradually increase upward.

[Claim 2]

The cargo tank unit according to Claim 1, further comprising joining members provided at a plurality of locations of the lower half portion of the cargo tank at intervals in the circumferential direction and joining the lower half portion of the cargo tank and an inner surface of the skirt.

[Claim 3]

A ship comprising the cargo tank unit according to Claim 1 or 2.