【CLAIMS】

【Claim 1】

A vessel cargo hold having a plurality of spaces, which are formed by a longitudinal bulkhead and a transverse bulkhead intersecting each other and store crude oil, the vessel cargo hold comprising a void space located to at least one corner of corners formed by intersection of the longitudinal bulkhead and the transverse bulkhead, wherein the void space has one side end and the other side end sealed by and fixed to the longitudinal bulkhead and the transverse bulkhead, respectively, thereby forming an empty space therein, and wherein one of the longitudinal bulkhead and the transverse bulkhead is made of one steel sheet, the other are welded on both sides of the bulkhead made of steel sheet, and the void space is welded and fixed to the longitudinal bulkhead and the transverse bulkhead so as to be symmetrical on both sides with respect to the bulkhead made of steel sheet.

【Claim 2】

The vessel cargo hold according to claim 1, wherein the void space is fixed to one or two corners among four corners formed by intersection of the longitudinal bulkhead and the transverse bulkhead.

【Claim 3】

The vessel cargo hold according to claim 2, wherein a top of the void space is fixed to a top deck and a bottom of the void space is fixed to a bottom

deck to prevent fluid stored in the cargo hold from flowing into the void space.

【Claim 4】

The vessel cargo hold according to claim 2, wherein one side end of void space is welded in contact with the transverse bulkhead, the other side end of the void space is welded in contact with the longitudinal bulkhead, a top of the void space is welded and fixed to a top deck, and a bottom of the void space is welded and fixed to a bottom deck.

【Claim 5】

The vessel cargo hold according to claim 1, wherein in a state where the void space is mounted to both sides based on the longitudinal bulkhead or the transverse bulkhead, a passage is formed at the longitudinal bulkhead or the transverse bulkhead to correspond to an empty space in the void space.