CLAIMS

1. A method of manufacturing a floating liquefied hydrocarbon gas plant that reuses liquefied hydrocarbon gas tanks of a ship for transporting liquefied hydrocarbon gas, comprising the steps of:

cutting the ship into a plurality of blocks each containing at least one of the liquefied hydrocarbon gas tanks; and

building a new floating structure portion(s) for each of the plurality of blocks, the new floating structure portion(s) including a liquefied hydrocarbon gas plant and connected to at least one of a front end and a rear end of each block;

wherein in the step of building a new floating structure portion(s), the floating structure portion(s) is provided such that a fore and aft length of each newly manufactured floating liquefied hydrocarbon gas plant formed by combining one of the blocks and the floating structure portion(s) connected thereto is smaller than a fore and aft length of the ship.

2. The method of manufacturing a floating liquefied hydrocarbon gas plant according to claim 1, further comprising the step of installing at least a part of a plant facility in the floating structure portion(s).

3. The method of manufacturing a floating liquefied hydrocarbon gas plant according to claim 2, wherein the floating structure portion(s) is provided with a plurality of vertically arranged decks each containing a part of the plant facility.

4. The method of manufacturing a floating liquefied hydrocarbon gas plant

according to claim 2, wherein the plant facility comprises at least one of a facility for regasification of liquefied hydrocarbon gas stored in the liquefied hydrocarbon gas tank, a facility for liquefying hydrocarbon gas to be stored in the liquefied hydrocarbon gas tank, a facility for liquefying hydrocarbon gas obtained from a gas field or an associated gas to be stored in the liquefied hydrocarbon gas tank, a power transmission facility for transmitting electric power generated by the floating liquefied hydrocarbon gas plant which is moored to a coast to an existing power grid, and a facility for supplying hydrocarbon gas from the floating liquefied hydrocarbon gas plant which is moored to a coast directly to a hydrocarbon gas user.

5. The method of manufacturing a floating liquefied hydrocarbon gas plant according to claim 1, wherein the block to which the floating structure portion(s) is connected includes a propulsion facility for the ship.

6. The method of manufacturing a floating liquefied hydrocarbon gas plant according to any one of claims 2 to 4, wherein the plant facility includes at least one of a gas engine and a gas turbine that uses hydrocarbon gas regasified from the liquefied hydrocarbon gas stored in the liquefied hydrocarbon gas tank and/or boil off gas.

7. The method of manufacturing a floating liquefied hydrocarbon gas plant according to claim 6, wherein the at least one of the gas engine and the gas turbine is used for generating a propelling power.

8. The method of manufacturing a floating liquefied hydrocarbon gas plant according to claim 1, wherein the liquefied hydrocarbon gas consists of at least one of

liquefied natural gas and liquefied petroleum gas.