[CLAIMS]

[Claim 1]

A bunkering vessel for loading a liquefied gas to or unloading a liquefied gas from a liquefied gas storage tank of a target, comprising:

a bunkering tank storing a liquefied gas;

a manifold provided at a bunkering station of the bunkering vessel to flow in a liquefied gas to and flow out a liquefied gas from the bunkering vessel;

a liquefied gas transfer line connecting the bunkering tank and the manifold to flow a liquefied gas; and

a dry gas supply portion producing a dry gas,

the bunkering vessel supplies a dry gas to the liquefied gas storage tank through the manifold

[Claim 2]

The bunkering vessel of claim 1, wherein, before loading a liquefied gas to the liquefied gas storage tank, the bunkering vessel supplies a dry gas to the liquefied gas storage tank through the manifold to remove moisture inside the liquefied gas storage tank.

[Claim 3]

The bunkering vessel of claim 1, wherein, after unloading a liquefied gas from the liquefied gas storage tank, the bunkering vessel supplies an inert gas to the liquefied gas storage tank through the manifold and receives a discharge gas from the target.

[Claim 4]

The bunkering vessel of claim 2, wherein the liquefied gas transfer line includes:

a liquid phase transfer line transferring a liquefied gas of a liquid phase; and

a gas phase transfer line transferring a liquefied gas of a gas phase,

the bunkering vessel further comprising a gas supply line delivering a dry gas received from the dry gas supply portion to at least one of the liquid phase transfer line and the gas phase transfer line.

[Claim 5]

The bunkering vessel of claim 4, wherein the gas supply line supplies a dry gas through the liquid phase transfer line when an external temperature of the bunkering vessel is higher than or equal to a predetermined temperature, and supplies a dry gas through the gas phase transfer line when an external temperature of the bunkering vessel is lower than a predetermined temperature.

[Claim 6]

The bunkering vessel of claim 4, wherein the gas supply line supplies a dry gas through the liquid phase transfer line when an internal temperature of the liquefied gas storage tank is higher than or equal to a predetermined temperature, and supplies a dry gas through the gas phase transfer line when an internal temperature of the liquefied gas storage tank is lower than a predetermined temperature.

[Claim 7]

The bunkering vessel of claim 3, wherein the liquefied gas transfer line includes:

a liquid phase transfer line transferring a liquefied gas of a liquid phase; and

a gas phase transfer line transferring a liquefied gas of a gas phase,

the bunkering vessel further comprising a gas supply line delivering a dry gas received

from the dry gas supply portion to at least one of the liquid phase transfer line and the gas phase transfer line.

[Claim 8]

The bunkering vessel of claim 7, wherein the bunkering vessel supplies a dry gas through the liquid phase transfer line when the inert gas is nitrogen gas, and supplies a dry gas through the gas phase transfer line when the inert gas is a gas generated by combusting heavy oil.