

## ABSTRACT

Provided is a liquefied gas treatment system for a vessel, which includes a cargo tank storing liquefied natural gas (LNG), and a main engine and a sub engine using the LNG stored in the cargo tank as fuel. The liquefied gas treatment system includes: a main boil-off gas (BOG) supply line configured to compress the BOG generated in the cargo tank by a compressor and supply the compressed BOG to the main engine as fuel; a sub BOG supply line configured to compress BOG generated in the cargo tank by a compressor and supply the compressed BOG to the sub engine as fuel; a main LNG supply line configured to compress the LNG stored in the cargo tank by a pump and supply the compressed LNG to the main engine as fuel; and a sub LNG supply line configured to compress the LNG stored in the cargo tank by a pump and supply the compressed LNG to the sub engine as fuel. The fuel supplied to the main engine is compressed at a pressure of 150 to 400 bara.