

【ABSTRACT】

Disclosed is a ship engine operating method. The ship engine operating method comprises: the first step for varying the gas ratio from 0 to 100% for a first engine at the current load, and determining the gas consumption for each gas ratio; the second step for varying the gas ratio from 0 to 100% for the first engine at the current load, and determining fuel oil consumption for each gas ratio; the third step for varying the gas ratio from 0 to 100% for the first engine at the current load, and calculating the amount of combustible gas in the second engine for each gas ratio; the fourth step for determining the gas ratio of the second engine for each amount of combustible gas in the second engine calculated in the third step; the fifth step for calculating the fuel oil consumption at the current load in the second engine for each gas ratio thereof determined in the fourth step; the sixth step for calculating the total fuel oil consumption by adding the fuel oil consumption of the first engine calculated in the second step and the fuel oil consumption of the second engine calculated in the fifth step; and the seventh step for transmitting commands to the first engine and second engine so that same operate at the gas ratios of the first and second engines as in the case of the lowest total fuel oil consumption as calculated in the sixth step. The first engine and second engine are operated in a fuel sharing mode.

Fig. 1