【CLAIMS】

【Claim 1】

A ship engine operation method for a ship equipped with multiple engines, comprising:

step 1) in which, when load demand of the ship is greater than or equal to 90% and less than or equal to 125%, one engine is operated in a skip firing mode, another engine is operated in a normal mode, and the other engines are idled, and

when load demand of the ship is less than or equal 225%, at least one of the multiple engines operating in the skip firing mode, and when load demand of the ship is greater than 225%, all of the engines operated are operated in a normal mode.

【Claim 2】

The ship engine operation method according to claim 1, further comprising:

step 2) in which, when the load demand of the ship changes from 125% or less to greater than 125%, the engine operating in the skip firing mode (hereinafter referred to as a "first engine") temporarily carries a portion of the load demand exceeding 125% and then one idled engine (hereinafter referred to as a "third engine") is started; and

step 3) in which the first engine is operated in the skip firing mode at a load of 25% or less again and the engine operating in the normal mode (hereinafter referred to as a "second engine") and the third engine carry the remaining load demand of the ship.

【Claim 3】

The ship engine operation method according to claim 2, wherein, in step 2), the first engine is temporarily operated in the normal mode upon temporarily carrying the portion of the load demand exceeding 125% and, in step 3), the second engine and the third engine are operated in the normal mode.

【Claim 4】

The ship engine operation method according to claim 3, wherein, in step 3), the second engine and the third engine equally share the remaining load demand of the ship.

【Claim 5】

The ship engine operation method according to claim 2, further comprising:

step 4) in which, when the load demand of the ship, having exceeded 125%, begins to

decrease, loads of the second engine and the third engine are gradually reduced; and

step 5) in which, when the load demand of the ship decreases to 125% or less, the third engine is stopped.

【Claim 6】

The ship engine operation method according to claim 5, wherein, in step 4), the first engine is operated in the skip firing mode.

【Claim 7】

The ship engine operation method according to claim 5, wherein, in step 4), the second engine and the third engine equally share the remaining load demand of the ship.

【Claim 8】

The ship engine operation method according to claim 5, wherein, in step 5), the first engine carries a constant load of 25% or less in the skip firing mode and the second engine carries the remaining load demand of the ship and a variation in load demand of the ship.

【Claim 9】

The ship engine operation method according to claim 8, wherein, in step 5), the second engine is operated in the normal mode.

【Claim 10】

The ship engine operation method according to any one of claims 1 to 9, wherein the ship comprises four engines capable of operation in the skip firing mode, one engine being on standby and the other three engines being normally operated.

【Claim 11】

The engine operation method according to any one of claims 1 to 9, wherein the multiple engines are 34DF engines.