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Title: Container ship generator parameters

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The traditional ship's power plant system consisting of 3 diesel generators run on diesel oil is now often replaced by other design solutions, in order to obtain the best economical results during ...

Generator synchronization on ships is the process of matching the electrical parameters--such as voltage, frequency, and phase --of two or more ...

electrical power provided by the CGS to replace the electrical power normally supplied by one of the ship's generator sets. Unless specified this includes both the emergency generator set and ...

In this study, the type and size of vessels, generator specifications, electrical energy demand, and time spent at berth, maneuvering, and at sea were considered. Thus, the ...

Thus, through the ideas of this project, we analyze notions and relevant aspects of systems related to marine slow turning engines, including the basic thermodynamic structure of the ...

In this study, based on actual operation data, the load requirements for each operation mode were analyzed, and a diesel-generator-based power system was designed. ...

The paper presents the obtained parameters of specific propulsion systems cooperating with shaft generators, used at feeder container ships.

In this study, based on actual operation data, the load requirements for each operation mode were analyzed, and a diesel ...

Generator synchronization on ships is the process of matching the electrical parameters--such as voltage, frequency, and phase --of two or more generators before connecting them to a ...

powerful tool for complying with the EEDI. The shaft generator can minimise the overall operating costs of the vessel when shifting the hotel load from the auxiliary generators to the main ...

The paper aim is to present the characteristic parameters for propulsion systems of feeder container ships which would specify the relations of shaft generators' powers to the main ...

To date, research on ships equipped with shaft generators has primarily focused on the dynamic torsional vibration characteristics of the shaft during shaft generator operation, as ...

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