

No. 105632
29 OCT 1948

1 TURBINE ENGINES, &c.—Description of Engines. Two SINGLE REDUCTION GEARED IMPULSE TURBINES.

Ahead ONE..... Direct coupled, } GENERATORS
 Turbines Astern ✓..... single reduction geared } to..... propelling shafts. No. of primary pinions to each set of reduction gearing ONE
 double reduction geared }

coupled to { Alternating Current Generator 3 phase 60 periods per second } Also 2 EXCITER'S 1-75 KW 1-50 K.V.
 Direct Current Generator } rated 400 Kilowatts 450 Volts at 1200 revolutions per minute;

plying power for driving ✓..... Propelling Motors, Type ✓.....

✓..... Kilowatts..... ✓..... Volts at ✓..... revolutions per minute. Direct coupled, single or double reduction geared to ✓..... propelling shafts.

[illegible][illegible]

BOILERS, &c.—(Letter for record.....) Total Heating Surface of Boilers.....
Is Forced Draft fitted..... No. and Description of Boilers..... Working Pressure.....
Is a Report on Main Boilers now forwarded?.....
Is { a Donkey } Boiler fitted?..... If so, is a report now forwarded?.....
 { an Auxiliary }
Is the donkey boiler intended to be used for domestic purposes only.....
Plans. Are approved plans forwarded herewith for Shafting..... Main Boilers..... Auxiliary Boilers..... Donkey Boilers.....
 (If not, state date of approval)
Superheaters..... General Pumping Arrangements..... Oil Fuel Burning Arrangements.....

SPARE GEAR.

Has the spare gear required by the Rules been supplied..... YES

State the principal additional spare gear supplied.....

The foregoing is a correct description,

Manufacturer.....

Dates of Survey while building..... During progress of work in shops.....
During erection on board vessel.....
Total No. of visits.....
Dates of Examination of principal parts—Casings..... Rotors..... Blading..... Gearing.....
Wheel shaft..... Thrust shaft..... Intermediate shafts..... Tube shaft..... Screw shaft.....
Propeller..... Stern tube..... Engine and boiler seatings..... Engine holding down bolts.....
Completion of fitting sea connections..... Completion of pumping arrangements..... Boilers fixed..... Engines tried under steam.....
Main boiler safety valves adjusted..... Thickness of adjusting washers.....
Rotor shaft, Material and tensile strength..... Identification Mark.....
Flexible Pinion Shaft, Material and tensile strength..... Identification Mark.....
Pinion shaft, Material and tensile strength..... Identification Mark.....
1st Reduction Wheel Shaft, Material and tensile strength..... Identification Mark.....
Wheel shaft, Material..... Identification Mark..... Thrust shaft, Material..... Identification Mark.....
Intermediate shafts, Material..... Identification Marks..... Tube shaft, Material..... Identification Marks.....
Screw shaft, Material..... Identification Marks..... Steam Pipes, Material..... Test pressure.....
Date of test..... Is an installation fitted for burning oil fuel.....
Is the flash point of the oil to be used over 150°F..... Have the requirements of the Rules for the use of oil as fuel been complied with.....
Is the vessel (not being an oil tanker) fitted for carrying oil as cargo..... If so, have the requirements of the Rules been complied with.....
If the notation for ice strengthening is desired, state whether the requirements in this respect have been complied with.....
Is this machinery a duplicate of a previous case..... If so, state name of vessel.....

General Remarks. (State quality of workmanship, opinions as to class, &c.)..... These machines have been constructed under the supervision of the U.S. Coast Guard & the American Bureau of Shipping. The workmanship is good and the materials considered sound. The machines have been examined under full power conditions and found satisfactory.

The amount of Entry Fee ... £ : : When applied for.
Special ... £ : : 19
Donkey Boiler Fee ... £ : : When received.
Travelling Expenses (if any) £ : : 19

FRI. 10 DEC 1948

Committee's Minute.....

Assigned.....

D.D. McIntyre
Engineer Surveyor to Lloyd's Register of Shipping.



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Foundation