

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?
Is the donkey boiler intended to be used for domestic purposes only
Plans. ~~Is~~ approved plan forwarded herewith for Shafting ~~8/5/39~~ 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 } one bearing of each size fitted.
State the principal additional spare gear supplied } one set of Thrust Pads for each size of Thrust
one spring & set of washers for Emergency Governor

The foregoing is a correct description,

L. J. Sweeney

1939
Dates of Survey while building { During progress of work in shops -- } July 17. Aug. 24. Sep. 5. 19. 20. 26. Oct. 6. 12. 16. 18. 24. 27.
{ During erection on board vessel --- }
Total No. of visits 13.
Dates of Examination of principal parts—Casings 5/9/39. Rotors 29/8/39 Blading 24/10/39. Gearing 18/10/39.
Wheel shaft 24/10/39. Thrust shaft Quill Intermediate shaft 24/10/39 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 in Shop under steam
Main boiler safety valves adjusted Thickness of adjusting washers
Rotor shaft, Material and tensile strength 7. Steel 36.2 tons/sq in Identification Mark 8688 HA
1st Redn. Pinion Shaft, Material and tensile strength 7. Nickel Steel 44.5 tons/sq in Identification Mark 8742 DB
2nd Redn. Pinion shaft, Material and tensile strength 7. Nickel Steel 44.4 tons/sq in Identification Mark 59146 CS
1st Reduction Wheel Shaft, Material and tensile strength 7. Steel 29.6 tons/sq in Identification Mark 8742 HA
Wheel shaft, Material F Steel Identification Mark 8742 HA 348. Thrust shaft, Material Identification Mark
Quill. Intermediate shaft, Material F Steel Identification Marks 8742 HA 351. 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 Yes. If so, state name of vessel 5/5 MALVERNIAN (SHAWNEE LP2) 5/5 CORINTHIAN. C
General Remarks (State quality of workmanship, opinions as to class, &c.)

This L.P. Turbine with its D.R. Gearing has been constructed under special in accordance with the Society's Rules and the approved plan, and the materials and workmanship are good.

The machinery has been sent to West Hartlepool for installation on the
This turbine installation has now been satisfactorily fitted and secured on board, tried under working conditions and found satisfactory

Arthur W. Oxford.

West Hartlepool

A. Watt.

Engineer Surveyor to Lloyd's Register of Shipping

The amount of Entry Fee ... £ : : When applied for,
Special ... £ 17 : 8 : 9 NOV 1939
Donkey Boiler Fee ... £ : : When received,
Travelling Expenses (if any) £ : : 13/12/1939. D.H. Nicol.

Committee's Minute

Assigned

FRI 26 APR 1940

See Hpl. J.C. 18031



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