

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 _____

State the principal additional spare gear supplied *1 Complete Rotor, 2 sets of bearings, 2 Royal segments, 2 sets of Governor springs, parts, various small springs, 3 sets carbon packing springs, 1 Governor spindle, 2 Oil pump spindles, 1 set of oil pump gear Governor worm gears.*

For Belliss & Morcom Ltd
H. T. Denton, Secretary

The foregoing is a correct description, _____

Manufactured _____

Dates of Survey while building { During progress of work in shops -- (3/6, 19/7, 17/8, 16/9, 1/10, 29/11/37) (4/1, 18/2, 23/2, 24/2, 25/2, 11/3, 14/3, 17/3)
 { During erection on board vessel --- (20/3, 21/3/1937)
 Total No. of visits 18

Dates of Examination of principal parts—Casings 17/4/37 Rotors 16/9/37, 1/10/37 Blading 10/1 + 29/12/37 Gearing 17/4/37

Wheel shaft 3/6/37 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 *FORGED STEEL 37.2 mm dia 28% SHEFFIELD F.R. N° 31051* Identification Mark *N 1186*

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 *BIRMINGHAM F.R. N° 4447 MANCHESTER F.R. N° 5109* Identification Mark *S.R.C. 19.1*

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 three turbines together with their condensers & reduction gear units have been built under special survey in accordance with the Rules and approved plans, the material and workmanship are sound & good. On completion each turbine was coupled to its respective generator and examined under a full load running trial at the works when it was found to be working satisfactorily. Governor trials also efficiently carried out. In my opinion the turbine units are considered suitable for auxiliary purposes in a vessel intended to have record of * L. M. C. with date.*

The amount of Entry Fee ... £ ✓ : : When applied for,
 Special ... £ 22 : 1 : 21st April 1938
 Donkey Boiler Fee ... £ ✓ : : When received,
 Travelling Expenses (if any) £ ✓ : : 3/6/38

H. T. Denton
 Engineer Surveyor to Lloyd's Register of Shipping.

Certificate (if required) to be sent to... (The Surveyors are requested not to write on or below the space for Committee's Minute.)

Committee's Minute **GLASGOW 20 SEP 1938**
 Assigned **SEE ACCOMPANYING MACHINERY REPORT.**

