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BOILERS, &c. — (Letter for record S) Total Heating Surface of Boilers 25200 ft
Is Forced Draft fitted y/s. No. and Description of Boilers 4 Water Tube (Jarms) Working Pressure 425
Is a Report on Main Boilers now forwarded? y/s.
Is ² Donkey Boilers fitted? y/s. If so, is a report now forwarded? y/s.
Plans. Are approved plans forwarded herewith for Shafting 5-8-30. Main Boilers y/s. Auxiliary Boilers — Donkey Boilers —
(If not state date of approval)
Superheaters y/s. General Pumping Arrangements y/s. Oil Fuel Burning Arrangements y/s.
Spare Gear. State the articles supplied: — Intermediate Phos

In accordance with Rules & additional

47892. 47904.
47894. 47905.
47895. 47906.
47896. 47908.
47897. 47910.
47898. R.W.F.
47902.
47903.

FOR
ALEXANDER STEPHEN & SONS, LONDON

The foregoing is a correct description,

Dates of Survey while building
During progress of work in shops — 1930 Oct. 1-8-15-28 Nov. 10-21-26 Dec. 2-4-8-11-15-22-24-29 (1931) Jan. 6-9-12-14-19-22-23-26-28
During erection on board vessel — 2-4-9-10-13-17-19-20-23-24-25-26 Mar. 2-4-5-6-9-10-11-13-15-16-17-18-19-20-23-25-26-27
Total No. of visits 144 Aug. 3-4-5-7-10-11-12-14-18-19-21-24-26-27-28 Sep 3-8-15-21-25

Dates of Examination of principal parts — Casings 28-4-31 Rotors 8-5-31 Blading 5-6-31 Gearing 20-4

Wheel shaft Thrust shaft 3-4-31 Intermediate shafts 15-4-31 Tube shaft — Screw shaft 28-4

Propeller 15-5-31 Stern tube 21-4-31 Engine and boiler seatings 7-4-31 Engine holding down bolts 24-8

Completion of pumping arrangements 8-9-31 Boilers fixed 25-6-31 Engines tried under steam 25-9-31

Main boiler safety valves adjusted 3-9-31 Thickness of adjusting washers P.F.F. 1/8" P.A.F. 5/16" S.F.F. 1/2" S.A.F. 1/2"

Rotor shaft, Material and tensile strength 1M. Ingt Steel 347-375 tons Identification Mark 3943, 1104

Flexible Pinion Shaft, Material and tensile strength — Identification Mark —

Pinion shaft, Material and tensile strength Normalized Ribbed Steel 40 tons Tensile: 24 tons Elastic Limit Identification Mark 8458 8461

1st Reduction Wheel Shaft, Material and tensile strength — Identification Mark —

Wheel shaft, Material 2H. Ingt 31/35 tons Identification Mark 8692/3 Thrust shaft, Material 1M. Ingt Steel Identification Mark 8829

Intermediate shafts, Material 1M. Ingt Steel Identification Marks See above Tube shaft, Material — Identification Marks —

Screw shaft, Material do. Identification Marks 47897 R.W.F. 47901 47917 Steam Pipes, Material Steel Test pressure 1246

Date of test 5-8-31 Is an installation fitted for burning oil fuel y/s.

Is the flash point of the oil to be used over 150°F. y/s. Have the requirements of the Rules for carrying and burning oil fuel been complied with y/s.

Is this machinery a duplicate of a previous case do. If so, state name of vessel —

General Remarks (State quality of workmanship, opinions as to class, &c.)

The Machinery of this vessel has been built under special and in accordance with the Rules. The materials & workmanship are good. It has been placed on board and efficiently secured in position and afterwards tried full working conditions and found in order.

The machinery of this vessel is eligible in my opinion to be classed in the Register Book with notation of + L.M.C. 9-31. Fitted for oil fuel 7-31. F.P. 150°F.

The amount of Entry Fee ... £ 6 : - :
Special ... £ 104 : 19 :
2 Donkey Boilers Fee ... £ 31 : 4 :
Travelling Expenses (if any) £ : :
When applied for, 2-10-31
When received, 30-10-31

Committee's Minute GLASGOW 6-OCT 1931

Assigned + L.M.C. 9-31. F.D. C.L.

4 Water Tube Boilers - 425 lb.

Fitted for Oil Fuel 9-31. F.P. above 150°F. 2 D.B. - 230 lb.

29/9/31

Certificate (if required) to be sent to...

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complete
with the

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Foundation