

Total Heating Surface of Boilers

Is Forced Draft fitted

No. and Description of Boilers

2. Porter Wheel "D" Type

Working Pressure 490/450

Is a Report on Main Boilers now forwarded?

Is { a Donkey } Boiler fitted?

If so, is a report now forwarded?

Plans. Are approved plans forwarded herewith for Shafing
(If not state date of approval)

26/7/47

Main Boilers

2/16/12/46 Auxiliary Boilers

Donkey Boilers

Superheaters 16/12/46, 27/3/47

General Pumping Arrangements 18/4/47

Oil Fuel Burning Arrangements

Spare Gear. *State the articles supplied:—*

See attached list

The foregoing is a correct description.

For David Rowan & Co. Ltd.
Arch^d H. Grierson.

Manufacturers

Dates of Survey while building	During progress of work in shops	During erection on board vessel	Total No. of visits
1947 Feb 25 Jun 3 Sep 12 Nov 14 1948 Feb 6, 21 Feb 3, 7, 8, 23, 24, 26, 28 May 12, 14, 20, 27 Jun 1, 8, 9, 21, 22, 29 Jun 1, 12 Aug 11, 23, 31 Oct 1, 2, 17, 23, 24, 25 Dec 15, 21	26, 27, 28, 29 Nov 4, 23 Dec 3, 16 Jan 14, 29 Feb 11, 18, 24, 28 Feb 10, 15, 23, 28 March 24, 28, 29 Apr 1, 12, 19, 25 May 4, 9, 11, 18 Jun 1, 2, 3, 20, 22, 27, 29 Jul 1, 6, 21	Aug 8, 9, 18, 19	79

Dates of Examination of principal parts—Casings 21/1/48-26/2/49. Rotors 4/4/49. Blading 4/4/49. Gearing 28.2.49

Wheel shaft 28.2.49 Thrust shaft 29/6/48. Intermediate shafts 13/5/49. Tube shaft 28.2.49. Screw shaft 21/6/48.

Propeller 29/6/48 Stern tube 2/9/48 Engine and boiler seatings 1/4/49 Engine holding down bolts 3/6/49

Completion of pumping arrangements 9/8/49 Boilers fixed 12/4/49 Engines tried and found good 18/8/49

Main boiler safety valves adjusted 8/8/49 Thickness of adjusting washers DEAN 7/16, APT SUPT 3/8, FR SUPT 7/16, STD BLE 7/16

Rotor shaft. Material and tensile strength. Steel. Open heart invol 37 T₁₀/P₁ HP F6143 1P F6144 R₂

Flexible Pinion Shaft Material and tensile strength

Identification Mark

Identification Mark HAI-41107 HAI-36249

Reduction Wheel Shaft, Material and tensile strength Steel, nickel 29 ksi/A Identification Mark HAI.25.11.47 HAI.20.11.47

Wheel shaft, Material Steel Identification Mark HAI-14-4-47 Thrust shaft, Material Steel Identification Mark HAI 31.10.47

Intermediate shafts, Material Steel Identification Marks HAI-31-18-47 Tube shaft, Material ✓ Identification Marks ✓

Screw shaft, Material Steel Identification Marks HAI 31.10.47 Steam Pipes, Material Steel Solid Test pressure 1470/650

Date of test later between: 29/10/48 and 16/6/49. 25-121 Is an installation fitted for burning oil fuel Yes.

Is the flash point of the oil to be used over 150° F. *yes* Have the requirements of the Rules for the use of oil as fuel been complied with *yes*

the vessel (not being an oil tanker) fitted for carrying oil as cargo IN DEEP TANK. If so, have the requirements of the Rules been complied with? Yes

Is this machinery a duplicate of a previous case? no. If so, state name of vessel no

General Remarks (State quality of workmanship, opinions as to class, &c. This machinery has been constructed under Special Survey in accordance with the Society's Rules and the approved plans. Materials and workmanship are good. The machinery has been efficiently installed on board the vessel, tried under full working conditions during sea trials with satisfactory results and is eligible in my opinion to be classed + BMC 8-49 with notation T.S.C 2 W.T. boilers (Spt) 490/650 (Spt 450/650) 1 Stgy 3hr 105/650. Fitted for oil fuel 8-49 F.P. above 150°F.

The amount of Entry Fee	...	£	296	—	:	:	When applied for,
Special	...	£	:	:	:	:	21 SEP 1949
Donkey Boiler Fee	...	£	:	:	:	:	19
Travelling Expenses (if any)	£	:	:	:	:	:	When received,
							19

Committee's Minute GLASGOW 21 SEP 1949 *HC*

Assigned 2400 lb. 8.49 2 WT 13 8.49 490 lb.
Fitted for oil fuel 8.49 105 lb
S.P. above 1500 F

A. Shaw.
Engineer Surveyor to Lloyd's Register of Shipping.

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Foundation