





BOILERS, &c.—(Letter for record *S*) Total Heating Surface of Boilers *6840 Sq. ft.*  
Is Forced Draft fitted *Yes* No. and Description of Boilers *2 Foster Wheeler "D" type* Working Pressure *480 lb*  
Is a Report on Main Boilers now forwarded? *Yes*  
Is *a Donkey* Boiler fitted? *Yes* If so, is a report now forwarded? *Yes*  
Plans. Are approved plans forwarded herewith for Shafting *18/6/42* Main Boilers *18/6/42* Auxiliary Boilers *✓* Donkey Boilers *29/6/42*  
(If not state date of approval)  
Superheaters *22/7/42* General Pumping Arrangements *30/9/43* Oil Fuel Burning Arrangements *1/6/44*  
Spare Gear. State the articles supplied:—

The foregoing is a correct description,

Dates of Survey while building { During progress of work in shops -- *1943 May 28, July 14, Oct 7, 28, 29, Nov 8, 23, 24, Dec 3, 13, 15, 20, 1944 Jan 10, 11, 12, 14, 18, 19, 24, 28, 31, Feb 1, 3, 9, 11, 14, 16, 26, 28, 29, Mar 7, 9, 10, 13, 14, 20, 21, 23, 31, Apr 3, 12, 15, May 3, 4, 12, 18, 19, 23, June 5, 7, 8, 12, 15, 21, 22, 23, 27, July 5, 10, 11, 17, 20, 27, Aug 10, 18, 21, 23, 28, Sept 2, 7, 8, 12, 16, 27, Oct 4*  
During erection on board vessel --- *18, 21, 23, 28, Sept 2, 7, 8, 12, 16, 27, Oct 4*  
Total No. of visits *78*  
Dates of Examination of principal parts—Casings *7.1.44* Rotors *17.1.44* Blading *3.5.44* Gearing *13.1.44*  
Wheel shaft *13.1.44* Thrust shaft *20.9.44* Intermediate shafts *15.9.44* Tube shaft *✓* Screw shaft *18.8.44*  
Propeller Stern tube *11.9.44* Engine and boiler seatings Engine holding down bolts  
Completion of pumping arrangements Boilers fixed Engines tried under steam  
Main boiler safety valves adjusted Thickness of adjusting washers *52433 WH*  
Rotor shaft, Material and tensile strength *steel 34/38* Identification Mark *56574, 2490*  
*Couplings* Flexible Pinion Shaft, Material and tensile strength *steel, stars 28/32, sleeves 34/38* Identification Mark *1064 JLS, T.T.*  
Pinion shaft, Material and tensile strength *Nickel Steel 40* Identification Mark *56703, 57489 WH*  
1st Reduction Wheel Shaft, Material and tensile strength *Nickel Steel 40* Identification Mark *12884 HAI, J2502*  
Wheel shaft, Material *steel* Identification Mark *7109 WH* Thrust shaft, Material *steel* Identification Mark *12305 HA*  
Intermediate shafts, Material *steel* Identification Marks *3992 2685 C.P.* Tube shaft, Material *✓* Identification Marks *✓*  
Screw shaft, Material *steel* Identification Marks *51 AEG* Steam Pipes, Material *steel* Test pressure *1290, 1425, 1440*  
Date of test *18/9/44 & 7/9/44 & 12/9/44* Is an installation fitted for burning oil fuel *Yes*  
Is the flash point of the oil to be used over 150°F. Have the requirements of the Rules for carrying and burning oil fuel been complied with *✓*  
Is this machinery a duplicate of a previous case *Yes* If so, state name of vessel *2746*

General Remarks (State quality of workmanship, opinions as to class, &c.) *"The engines & boilers of this vessel have been constructed under Special Survey & in accordance with the approved plans & specifications. The workmanship & materials have been found good. The machinery has been forwarded to Haverton Hill for fitting on board Messrs. Furness S.B. Co's Yard No 361."*

*"The machinery of this vessel will be eligible, in my opinion, to have record of + LMC - with date - on completion."*

Note :- Engine No 2747 has been allocated to this vessel & has now been re-numbered.

The amount of Entry Fee ... £ *6 : 0 : 0* When applied for,  
Special *LMC* *51 drums* ... £ *89 : 14 : 7* 9/10/1944  
Donkey Boiler Fee ... £ *28 : 13 : 8* When received,  
Travelling Expenses (if any) £ : : 19

*Clive Bell*  
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute *FRI. 26 JAN 1945*

Assigned *Su F.E. machy rph*



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Foundation