

# Report of Survey for Repairs, &c., of Engines and Boilers.

(Received at London Office 24 DEC 1942)

Report No. 9. 12. 42 When handed in at Local Office 9. 12. 42 Port of Liverpool

Survey held at Liverpool Date, First Survey 12/11/42 Last Survey 9/12/1942  
(No. of Visits 12)

in the Machinery of the Wood, Iron or Steel S.S. "DUNDRUM CASTLE"

Vessel built at Glasgow By whom Harland & Wolff Ltd. When 1919-12  
Engines made at - do - By whom J. G. Kincaid & Co. Ltd. When - do -  
Boilers, when made (Main) 1919 (Donkey) ✓

Owners Union Castle Mail S.S. Co. Owners' Address  
(if not already recorded in Appendix to Register Book.)  
Managers ✓ Port London Voyage ✓

If Surveyed Afloat or in Dry Dock ✓ (State name of Dock) Langton Canada

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER. for Special Survey Date of last Survey and of Periodical Surveys.	Years assigned now expired.	Machinery and Boiler Surveys (including date of N.B., if any).
+100A1. 442		+L.M.C. 3.36
S.S.G.S. No 3.10.32		B.S. 10.41
S.S. NYK. No 1.38		T.S.(C) 4.39
Examined 10.41		

Particulars of Examination and Repairs (if any) + B.S.

Repairs, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the nature, if any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on machinery (the cause of which must be stated) should be separated from Repairs due to other causes; and details in the body of the report, should be briefly summarised at the end of the report. State also the initials of any letters respecting this case.

Where the Surveyor has not made a special damage report he is required to state whether he has examined the services for this purpose, and why they were declined.

Has a report made by anyone else? If so, by whom? ✓

Did you personally go inside each Main Boiler separately and make a thorough examination at this time? Yes

Did you personally go inside each Donkey Boiler? ✓

Where the Boilers could not be thus thoroughly examined? ✓

What means, in the absence of internal examination, were adopted by the Surveyor to assure himself of the thorough efficiency of those parts of each Boiler? S.B. 16.11.42 C.B. 23.11.42

Were internal examinations of each boiler? Yes

Were the Safety Valves of the Main Boilers examined? Yes To what pressure were they afterwards adjusted under steam? 18 lbs / 10'

Were the Safety Valves of Donkey Boilers examined? Yes To what pressure were they afterwards adjusted under steam? ✓

Were all the manholes, doors and their fastenings of the Main Boilers examined? Yes and of the Donkey Boilers? ✓

Were the drain plugs of the Main Boilers examined? Yes and of the Donkey Boilers? ✓

Were all the mountings of the Main Boilers examined? Yes and of the Donkey Boilers? ✓

Has the shaft now been drawn and examined? to Is it fitted with continuous liner? ✓ Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? ✓

Has the shaft been changed? ✓ If so, state reasons ✓

Has the shaft now fitted been previously used? ✓ Has it a continuous liner? ✓ Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? 3/16

Was the examination of Screw Shaft? ✓ State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft 1/16

Were the parts, when referred to by numbers, should be counted from forward? ✓ Is electric light and/or power fitted? Yes

Did the Surveyor examine the generators, motors, switchgear, cables and fuses? Yes

Were the insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms? Yes

Was the work not complete, state what arrangements have been made for its completion and what remains to be done complete.

Notes:-  
Vessel placed in dry dock, propeller, aft end of tail shaft, sea fastenings, valves & cocks examined  
Examined H.P. cylinder & piston, H.P. & M.P. valves & their casings, crank shaft & intermediate shafts, circulating pumps & condenser (tested)  
Bulge pumping arrangements examined.  
all essential pumps tried & tested under working conditions & found satisfactory  
main engines tried under working conditions "ahead & astern".

Observations, Opinion, and Recommendation: The machinery of this vessel is in good & efficient condition & eligible in my opinion to remain as now classed with fresh B.S. 12.42.

Section 29) Fees applied for £ 4:00

Repair Fee (if any) £ 4:40

Other charges (if chargeable) £ 0:00

Total £ 8:40

Received by me, W. H. Waggott 22 DEC 1942

Surveyor's Minute As now

Signature B.S. 12.42

W. H. Waggott  
Engineer Surveyor to Lloyd's Register of Shipping.  
Lloyd's Register Foundation  
W164-0211

Insert Character of Ship and Machinery precisely as in the Register Book

If so, to be sent to Registrar

aster" & found satisfactory  
Examined boilers internally & externally with safety valves  
mountings, man holes, doors fastenings & their safety valves  
adjusted to pressure stated.

Electrical Equipment examined & tested in accordance with Rules 1792. & found in order.  
Repair: Both generators overhauled, cleaned & tested. Wiring throughout vessel overhauled &  
made good. Low insulation & earth faults located & removed. Sundry repairs effected.

Repairs Wear & Tear

Starboard boiler - centre furnace jacketed up & compensating rings  
fitted.

Port boiler - Starboard furnace jacketed up & compensating rings fitted

Sundry minor repairs

No opportunity was available at the time to carry out  
the tail shaft survey, but the Owners Superintendent stated  
that this survey would be carried out at an early date.

at W.A.W.

How done:  
The tail shaft, as far as in good & efficient condition & repair  
was examined & found satisfactory. The bearings were examined &  
found in good order. The shaft was found to be in good order &  
the bearings were found to be in good order. The shaft was found  
to be in good order & the bearings were found to be in good order.

23 No 2000 10.40  
machinery generally examined  
Dec 12.42 for 13 nos.  
Note part no.  
89 Dec 4.42 4 to 6 held at  
first opportunity

