

PILLARS
Centre
Stiffen
Plating
STRINGER
Upper
Stringer
Second
Stringer
STRAKE
FLAT PLATE
BOTTOM PLATE
of Strakes
BILGE PLATING
Strakes ...
SIDE PLATING
Strakes ...
UPPER DECK
strake in W
UPPER DECK
strake in B
STRAKE BELOW
strake in W
STRAKE BELOW
strake in B
POOP SIDE PL
BRIDGE SIDE F
FORECASTLE SID
Total No. of
E
A
SHIP B
COLLISION
FTER PEA
TEEL.

1938 Aug: 5. 10. 23. 30 Sep: 2. 5. 6. 14. 15. 19. 22. 29. 30 Oct: 3. 5. 7. 12. 13. 14. 17. 18. 21
During progress of work in shops -- 25. 27. 28 Nov: 1. 3. 9. 11. 14. 18. 24. 25. 29 Dec: 2. 6. 15. 26. 28. 29. 30 (1939) Jan: 10. 24
Dates of Survey while building During erection on board vessel --- 26. 27 Feb: 1. 6. 7. 8. 15. 16. 17. 18. 20. 21 Mar: 1. 2. 9. 10. 13. 14. 15. 17. 27. 28. 29 Apr: 3. 11
Total No. of visits 69

Dates of Examination of principal parts—Cylinders 26-1-39 Slides 7-2-39 Covers 26-1-39
Pistons 26-1-39 Piston Rods 8-2-39 Connecting rods 26-1-39
Crank shaft 26-12-38 Thrust shaft See exhaust turb Ryle Intermediate shafts 21-2-39
Tube shaft — Screw shaft 8-2-39 Propeller 27-1-39
Stern tube 7-2-39 Engine and boiler seatings GWR Engines holding down bolts 3-4-39
Completion of fitting sea connections GWR
Completion of pumping arrangements 20-4-39 Boilers fixed 3-4-39 Engines tried under steam 20-4-39
Main boiler safety valves adjusted 11-4-39 Thickness of adjusting washers Port. bl. - P 7/16" 5 3/8" Starboard bl. - both 7/2" 7 1/2" 7 1/2" 7 1/2"
Crank shaft material 7. Steel Identification Mark 8219 LCO 26 12 38 Thrust shaft material 7. Steel Identification Mark 4-10-38 GA
Intermediate shafts, material 7. Steel Identification Marks 8219 LCO 21-23 39 Tube shaft, material — Identification Mark —
Screw shaft, material 7. Steel Identification Mark 8219 LCO 8-24 39 Steam Pipes, material Steel Test pressure 645 Date of Test 28-3-39
Is an installation fitted for burning oil fuel no 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 no 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 duplicate of a previous case yes* If so, state name of vessel "Scientist" (Glb Rpt No 60115)

General Remarks (State quality of workmanship, opinions as to class, &c.)
* Walschaert Valve gear (in "Scientist") not fitted with these engines. The valve gear is ordinary Stephenson's link motion on all cylinders.
The materials and workmanship are good.
The machinery has been constructed under special survey. Satisfactorily fitted in the vessel. Tried under steam and found good.
It is eligible in my opinion for Classification and the Record -
+ LMC 4,39 also notation "L.P. turbine with W.R. gearing and hydraulic coupling."

For particulars of L.P. turbine see Glb Rpt No 60845

25/4/39

GLASGOW
Certificate to be sent to
The amount of Entry Fee ... £ 6 : : When applied for,
main engine only (731 NHP) ... £ 111 : 11 : 25 APR 1939
Special ...
Donkey Boiler Fee ... £ : : When received,
Travelling Expenses (if any) £ : : 29. 4 19. 39 4/5
Committee's Minute GLASGOW 25 APR 1939
Assigned -/- Lmc 4.39
Sh. Davis
Engineer Surveyor to Lloyd's Register of Shipping.