

Rpt. 9A REPORT OF MACHINERY SURVEYS AND REPAIRS (ENGINES AND AUXILIARIES)

Received London

FOR CONSIDERATION BY THE COMMITTEE OF LLOYD'S REGISTER OF SHIPPING

26. JAN. 1966

NP

Ship's Name **SEAMS "PATELLA"**
 L.R. 527154 Port of Registry **LONDON** Port **NEWCASTLE UPON TYNE**
 Gross tons **8277**
 Date of build **12/1946** Is there a rpt. 8? **Yes** Rpt. No. **2511**
 No. of visits **16** First date **10.12.65.** Last date **13.1.66.**
 Interim Cert. issued & copy herewith? **Yes** Damage rpt. issued & copy herewith? **No** Last rpt. (H.Q. only)
 Date of completing rpt. **20.1.66.** Surveyed at, if different from Port above **South Shields**
 Is a rpt. 9B attached? **Yes** **MN 720** Nature of survey **Part C.S.M., A.B.S., Docking and S.R.L.**
 Survey fees Damage fee Expenses **£2. 9. 6.**
 C.S.M. **£56. 0. 0.**
 A.B.S. **£22. 0. 0.**
 Repairs **£15. 0. 0.**
 S.A. fee **£4. 4. 0.**

MAIN ENGINES, REDUCED STRAIN OR I.C. (State Port—P or Starboard—S)

- 1 Cyls., covers, pistons & rods **Nos. 1, 3, 5, 6 and 8 - Good**
- 2 Valves & gears **Nos. 1, 3, 5, 6 and 8 - Good**
- 3 Con. rods, cross-heads, bearings & guides centre **Nos. 2 and 7 - Good** Side
- 4 Crankpins & bearings centre **No. 7 - Good** Side
- 5 Journals & bearings **Nos. 2, 3, 4 and 7 - Good**

MAIN ENGINE DRIVEN AIR COMPRESSORS (State Port—P or Starboard—S)

- 6 Cyls., covers, pistons & rods **7** Con. rods, cross-heads & bearings
- 8 Crankpins & bearings **9** Journals & bearings
- 10 Coolers & safety devices

MAIN ENGINE DRIVEN SCAVENGE PUMPS (State Port—P or Starboard—S)

- 11 Cyls., covers, pistons & rods **12** Con. rods, cross-heads & bearings
- 13 Crankpins & bearings **14** Journals & bearings

MAIN TURBINES (State Port—P or Starboard—S)

- 16 Casings, rotors, blading, bearings, & thrusts **15** Levers

- 17 Reduction gearing
- 18 Scavenge blowers **19** Superchargers

I recommend that the machinery of this ship remain as classed with/without fresh records of C.S.M. (with date) on completion, A.B.S. 1/66 now, without condition regarding M.E. No. 6 (P) tiebolt subject to any outstanding conditions of class being dealt with as previously recommended.

(Where conditions of class are recommended to be retained, imposed, amended or deleted, particulars must be stated above and on the interim certificate.)

Surveyor to Lloyd's Register of Shipping

Date of Committee

Minute

THURSDAY 11 MacLEAN 1966

As now without fresh records
ABS 1. 66

Lloyd's Register Foundation

ALSO FOR

SPL FOR

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HEADER

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At part or complete Special Surveys those items which are not applicable to the ship are to be cancelled; this need not be done when the machinery is on a continuous survey basis. When any part has been subject to pressure test this should be stated. Engine parts when referred to by numbers should be counted from forward.

considered that re-examination or repairs should be made before that date a distinguishing mark must be inserted against the item and the circumstances and action taken or recommended described fully under "defects and repairs".

The condition of any item is to be described as "good" only when it has been examined, found or placed in good condition, and is considered to be acceptable until the due date of the next Periodical Examination. Where repairs have been effected or it is

20 Exhaust steam turbines (with recip. eng.)	21 Thrust blocks shafts & bearings	Good	
22 Steam compressors	23 Intermediate shafts & bearings		
24 Clutches & hydraulic couplings	25 Condensers (main & aux.)		
26 Steam re-heaters	27 Air ejectors (main & aux.)		
28 De-superheaters	29 Forced drift draught fans	Good	
30 Stop & manoeuvring valves	31 Holding down bolts & chocks		32 Detuner or vibration damper
33 Main engine driven pumps	Lub. oil Bilge/Sanitary	Good	

State Port P. or Starboard S.

34 Crankcase doors & explosion relief devices

35 Have main engines been tested working & manoeuvring? (To be done on completion of ES or CS cycle)

36 Essential independent pumps Steam driven

Stand by lub. oil (P.E.R.)
 Outboard fuel oil transfer (F.S.E.R.)
 Ford. pumproom fuel oil transfer
 Ford. pumproom bilge

Good

37 Bilge, ballast & oil fuel suction lines, fittings & controls

38 Have the remaining piping arrangements & fittings in the machinery space been examined as considered necessary?

39 Fresh water coolers

40 Lub. oil coolers

41 Heaters (state service) F & A Boiler oil unit (ASER)
 Auxiliary air receivers & safety devices Feed water (ACER)

42 Feed water filters (tested) Good

43 Main air receivers & safety devices

44 Starting air pipes

45 Independent air compressors coolers & safety devices

Spare Gear - Good

Identify by position

47 Oil fuel tanks (not forming part of the hull structure)

48 Have all evaporators safety valves been tested under steam?

49 Evaporators HP & LP

50 Distillers

51 Fire extinguishing arrangements

52 Steering machinery Good

53 Windlass

AUXILIARY ENGINES

Stbd. aft diesel driven generator unit (30 k.w.)
 Forced draught fan steam driving engine

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

S.R.L. ' M.E. No.6 port tiebolt to be renewed at next drydocking'.

Now done No.6 tiebolt renewed. Stamped L.R. 1212 SLD. A.G. 11.12.58.
 It is recommended that this item be now deleted from S.R.L.

Repairs (W & T) M.E. No.3 piston head removed for reconditioning of ring grooves. Spare head now fitted. Stamped DRG 76228 O/N 320/63792 Lloyds 20.8.59 Tested 200 lb.

M.E. No.2 crosshead bearing lower halves remetalled due to broken metal.
 Ford. pumproom bilge pump bucket liners found **barrelled**.
 Liners bored out and new buckets made to suit.

The reason for repairs must be stated and those on account of damage, the alleged cause of which must be given, should be detailed separately from wear and tear repairs. State what action has been taken regarding items which are subjects of class. State also where appropriate, for the information of the Technical Records Dept., the material of the defective item and whether it is a forging, casting or welded fabrication. Any alterations in existing particulars in the Register Book should also be reported above.