

Rpt. 9A

REPORT OF MACHINERY SURVEYS AND REPAIRS

(ENGINES AND AUXILIARIES)

Received London

29 MAR 1965

HP Ship's Name ~~SS~~/MS "PROODOS" Gross tons 7106
 LR 540810
 Is there a rpt. 8? yes Port Rotterdam Rpt. No. 60184
 No. of visits 5 First date 29-9-64 Last date 30-9-64
 Interim Cert. issued & copy herewith? no Damage rpt. issued & copy herewith? no Last rpt. (H.Q. only)
 Date of completing rpt. 19-3-65 Surveyed at, if different from Port above -
 Is a rpt. 9B attached? yes MN 500 Nature of survey Damage Survey
 Survey fees ~~no fee charged~~ Damage fee Expenses
 S.A. fee

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

- 1 Cyls., covers, pistons & rods
- 2 Valves & gears
- 3 Con.rods, top ends & guides centre Side
- 4 Crankpins & bearings centre Side
- 5 Journals & bearings

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

- 6 Cyls., covers, pistons & rods 7 Con. rods & top ends
- 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 & top ends
- 13 Crankpins & bearings 14 Journals & bearings

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

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

- 17 Reduction gearing
- 18 Scavenge blowers 19 Superchargers

~~It is recommended that the machinery of this ship remain as classed with a class of fresh work of~~

For the information of the Committee.

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

Date of Committee

Minute

E. M. Dudock
 E. M. Dudock
 Surveyor to Lloyd's Register of Shipping

MONDAY 24 MAY 1965
Noted.



Lloyd's Register Foundation

013750-013759-0217 1/2

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 there should 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

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badly worn, cracked and overheated.

3) Reference marks of main engine crankshaft journals and crankpins examined. Found reference mark of shrunk connection of No.3 forward side crank in forward web of No.3 centre crank shifted 2 mm, causing a throw in the after end of the crankshaft, integral thrust shaft and intermediate shafting.

4) Welding of M.E. bedplate girders, bearing pockets and stiffening ribs preliminary examined. Several cracks found.

5) Part of one propeller blade found broken off, tips of other blades damaged.

6) Screwshaft drawn and examined together with sternbush. Cone & keyway of shaft magnafluxed. Found crack at edge of keyway, approximate 5" from after edge of liner.

Recommended:

1) Main engine crankshaft and thrustshaft to be transported to workshop for further examination and repairs.

2) M.E. bedplate to be thoroughly cleaned, all welding of girders and bearing pockets to be crack detected.

3) M.E. chocks and holding down bolts to be examined.

4) All tunnelbearings to be opened up.

5) Crack in tailshaft cone to be removed by grinding or machining and shaft to be further crack detected.

6) Propeller to be replaced by spare propeller.

7) SRL No.224:

Metallack repairs of M.E. scavengepump cylinder now specially examined and found ^{cracks} extended towards the inspection opening. Further Metallack repairs recommended.

None of the above repairs were carried out under the supervision of the Society's surveyors.

The vessel has been laid up for months at this port and unofficially we got to know that the vessel's class has now been changed to Bureau Veritas.

E. M. Dudock
SURVEYOR TO LLOYD'S REGISTER
E.M. Dudock.



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