

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

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

Received London

REC'D NEW YORK JUL 8 1966

22 JUL 1966

Ship's Name **SS/MS "ANTONIO DE AREVALO"**  
LR 502025  
Port of Registry **Cartagena, Col.** Port **Balboa, C.Z.**  
Gross tons **11385**  
Date of build **1952** Is there a rpt. 8? **Yes** Rpt. No. **5832**  
No. of visits **7** First date **9 June, 1966** Last date **26 June, 1966**  
Interim Cert. issued & copy herewith? **Yes** Damage rpt. issued & copy herewith? **-** Last rpt. (H.Q. only)  
Date of completing rpt. **28-6-66** Surveyed at, if different from Port above **Cartagena, Colombia**  
Is a rpt. 9B attached? **No** MN Nature of survey **Part CSM**  
Survey fees **\$250.00** Damage fee Expenses **\$211.05**  
S.A. fee

MAIN ENGINES, ~~REC'D, STEAM~~ OR I.C. (State Port—P or Starboard—S)

1	Cyls., covers, pistons & rods	No. 6 ) & No. 6 )	Good	
2	Valves & gears			
3	Con. rods, cross-heads, bearings & guides centre	No. 6	Good	Side
4	Crankpins & bearings centre	Nos. 6 & 7 -	Good	Side
5	Journals & bearings	Nos. 7 and 10 -	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)

15	Casings, rotors, blading, bearings, & thrusts	16	
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17	Reduction gearing	18	Scavenge blowers	19	Superchargers
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I recommend that the machinery of this ship remain as classed with/without fresh record of CSM (with date) for completion of requirements in regard to the machinery survey for postponement of the Special Survey.

ALSO FOR

SPL FOR

TRO

SRL

POSTING

HEADER

CERT

(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

NEW YORK

JUL 13 1966

Minute

AS LOW.

Surveyor to Lloyd's Register of Shipping

Lloyd's Register Foundation

00494-00499-0195

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

CSM winding.



20 Exhaust steam turbines (with recip. eng.)	21 Thrust blocks shafts & bearings	
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 &/or induced draught fans	
30 Stop & manoeuvring valves	31 Holding down bolts & chocks	32 Detuner or vibration damper
33 Main engine driven pumps		

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)	Yes
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36 Essential independent pumps  
Bilge pump in forward pump room - 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?	Yes
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39 Fresh water coolers	40 Lub. oil coolers
41 Heaters (state service)	42 Feed water filters
43 Auxiliary air receivers & safety devices	44 Starting air pipes
45 Main air receivers & safety devices	
46 Independent air compressors coolers & safety devices	

Identify  
by  
position

47 Oil fuel tanks (not forming part of the hull structure)		
48 Have all evaporators safety valves been tested under steam?	Yes HP 12 Kgs LP 4 Kgs	49 Evaporators HP & LP Good
51 Fire extinguishing arrangements	52 Steering machinery	53 Windlass

## AUXILIARY ENGINES

## PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

No. 7 cracked liner renewed from ship's spares.

### NOTE:

With reference London's letter dated 22 March, 1966, Ref. <sup>C</sup> AH/DET.  
Signed Record on board dated 12/5/63 San Juan, P. R. by appointed surveyor, the main engine No. 1 bottom end was examined and approved on this date, as was the No. 8 journal and bearings. However, as no record existed on No. 6 cylinder cover, valves and gears, piston and rod, top end, connecting rod, crankpin and bearing these items were now dealt with, as were No. 10 journal and bearings and No. 7 bottom end; cylinder, cover, piston, rod, valve and gears, and the fitting of new liner from ship's spares.

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.