

Rpt. 9A

REPORT OF **MACHINERY SURVEYS AND REPAIRS** (Engines and Auxiliaries)  
FOR CONSIDERATION BY THE COMMITTEE OF LLOYD'S REGISTER OF SHIPPING

Received London

22 MAY 1967

Ship's Name: ~~SS~~/MS "IRCANIA"

Port GENOA

Processing  
Number: LR 516273

Gross tons 12493

Rpt. No. 32466

Port of Registry Genoa

Date of build 1954-3

Is there a rpt. 8? No

No. of visits 4

First date 1.2.67

Last date 8.2.67

Interim Cert. issued  
& copy herewith? yesDamage rpt. issued  
and copy herewith? no

Last rpt. (H.Q. only)

Date of  
completing rpt. 14.2.67

Surveyed at, if different from Port above -

Is a rpt. 9B  
attached? yes

MN 1540

Nature of survey ADV. of ABS-CSM-DS

Survey fees

Damage fee

Expenses

- DS = Lit. 8000 less 15% = 6800  
- PLCS = " 27000 " " = 22950  
- ABS = " 42000 " " = 35700

See p. 1. 8

S.A. fee

MAIN ENGINES, ~~RECIPROCATING~~ I.C. (State Port—P or Starboard—S)1 Cyls., covers, pistons,  
rods, valves & gears No. 1 - Good2 Con. rods, crossheads,  
bearings & guides Side3 Crankpins  
(incl. eccentrics)  
& bearings Side

Centre

4 Crankshaft journals  
& bearings5 Detuner or  
vibration damper

## MAIN ENGINE DRIVEN SCAVENGE PUMPS AND/OR AIR COMPRESSORS (delete as applicable)

6 Cyls., covers,  
pistons & rods7 Con. rods, crossheads,  
bearings & guides8 Crankpins &  
bearings9 Journals &  
bearings10 Levers, links &  
bearings11 Coolers &  
safety devices12 Scavenge blowers  
& superchargers

13 Air coolers

14 Crankcase &amp; scavenge doors &amp; explosion relief devices

## MAIN TURBINES

15 Casings, rotors,  
blading, bearings,  
thrusts & couplings

16 Astern turbine

I declare that the items detailed in this report (except as stated otherwise) comply with the requirements of the Merchant Shipping (Cargo Ship Construction and Survey) Rules 1965, applicable to this ship and are in all respects satisfactory for the service on which the ship is intended to ply, namely, International voyages/voyages within the limits

(The above declaration applies to sea-going cargo ships  
of 500 tons gross and above registered in the U.K.)

I recommend that the machinery of this ship remain as classed with ~~with~~ fresh record of ABS (with date) as previously recommended and CS (with date) when the surveys have been completed, subject to any outstanding conditions of class being dealt with as previously recommended.

To complete the ABS the exhaust gas heated boiler safety valves to be adjusted under steam.

(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

(A. ANSALDO &amp; C. TEODORI)

Surveyor to Lloyd's Register of Shipping

ALSO FOR

SPL FOR

TRO  
CESR

SRL

POSTING

HEADER

CERT

THURSDAY 11 MAY 1967

See MYR 1639.

Lloyd's Register  
Foundation

012108-012112-0221

are to be cancelled; this need not be done when the machinery is on a continuous survey basis. When any part has been hydraulically tested the pressure should be stated. Engine parts when referred to by numbers should be counted from forward.

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". At part or complete Special Surveys those items which are not applicable to the ship

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 re-examination or repairs should be made before



## MAIN REDUCTION GEARING

- |  |  |
|--|--|
| 17 Pinions & wheels  | 18 Shafts, bearings & couplings  |
| 19 Exhaust steam turbines (with recip. eng.)                     | 20 Thrust blocks, shafts & bearings  |
| 21 M.E. steam compressors  | 22 Intermediate shafts & bearings  |
| 23 Clutches & hydraulic couplings                                | 24 Steam re-heaters  |
| 25 De-superheaters   | 26 Forced &/or induced draught fans  |
| 27 Stop & manoeuvring valves                                     | 28 Holding down bolts & chocks   |
| 29 Main engine driven pumps (including fuel injection)           |  |
| 30 Condensers (main & aux.)                                      | 31 Air ejectors (main & aux.)  |
| 32 Have main engines been examined working & manoeuvring?        |  |
| 33 Essential independent pumps                                   |  |
| 34 Bilge, ballast & oil fuel suction lines, fittings & controls  | 35 Have the remaining piping arrangements & fittings in the machinery space been examined as considered necessary? |
| 36 Fresh water coolers   | 37 Lub. oil coolers  |
| 38 Heaters & safety devices including de-aerator (state service) | 39 Pressure feed water filters   |
| 40 Auxiliary air receivers & safety devices                      | 41 Starting air pipes  |
| 42 Main air receivers & safety devices                           |  |
| 43 Independent air compressors, coolers & safety devices         | 44 Oil fuel tanks (not forming part of the hull structure)   |
| 45 Have all evaporators safety valves been tested under steam?   | 46 Evaporators   |
| 48 Steering machinery  | 49 Windlass  |
|  | 50 Machinery spare gear  |

State  
Port P. or  
Starboard S.Identify  
by  
position

## AUXILIARY ENGINES

No.2 (Port Fwd) Aux. Diesel engine, main bearings and journals, bottom end bearings and crankpins - good

## DOCKING

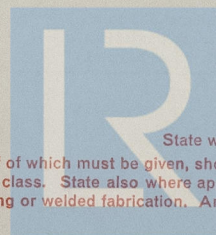
- |   |                 |   |
|---|-----------------|---|
| Propeller good                                      | Sea connections | Oil gland -   |
| Fastenings & gratings good                          |                 | Clearance in stern bush (if relined state clearance before & after) W.D.= 1.7 mm. |
| Has screw/tube shaft been drawn? no                 |                 | Date of examining shaft & condition -   |
| Has shaft been changed? -                           |                 | Has shaft now fitted been previously used? -                                      |
| Has shaft now examined/fitted a continuous liner? - |                 | Approved oil gland -  |

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC. The No.1 cyl. liner, found worn, has now been renewed with a spare one duly tested.

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 for 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 be reported above.

State whether continuation sheet attached

No.



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