

Rpt. 9A

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

Received London

24. OCT. 1966

Ship's Name **SS** "INA" ex "AGOSTINO FASSIO"

Port **GENOA**

Processing
Number: LR **500571**

Gross tons **13432**

Rpt. No.

32059

Port of Registry **PANAMA**

Date of build **3/1954**

Is there a rpt. 8? **yes**

No. of visits **6**

First date **23/8/1966**

Last date **6/9/1966**

Interim Cert. issued
& copy herewith? **yes**

Damage rpt. issued
and copy herewith? **-**

Last rpt. (H.Q. only)

Date of
completing rpt. **24/9/1966**

Surveyed at, if different from Port above **-**

Is a rpt. 9B
attached? **yes**

MN **1400**

Nature of survey **COMPL. ABS, CS, TS, REPRS.**

Survey fees

Damage fee

Expenses

D. S. Lit. 16.000
T. S. Lit. 25.000
Adv. e. s. Lit. 231.840

Pt. A.B.S. Lit. 9.000
Elec. Ep. Lit. 84.000

(See Rpt. 8)

S.A. fee

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

1 Cyls., covers, pistons,
rods, valves & gears **Nos. 1, 3, 6, 9—good.**

2 Con. rods, crossheads,
bearings & guides **Side**

3 Crankpins
(incl. eccentrics)
& bearings **Centre**
Side

4 Crankshaft journals
& bearings **Centre**
No. 6—good.

5 Detuner or
vibration damper

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

6 Cyls., covers,
pistons & rods

7 Con. rods, crossheads,
bearings & guides

8 Crankpins &
bearings

9 Journals &
bearings

10 Levers, links &
bearings

11 Coolers &
safety devices

12 Scavenge blowers
& superchargers

13 Air coolers

14 Crankcase & scavenge doors & explosion relief devices **good**

MAIN TURBINES

15 Casings, rotors,
blading, bearings,
thrusters & 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 **ABS** (with date as previously recommended, **CS** (with date) when the survey has been completed, subject to the screwshaft, efficient in the meantime, being re-examined or renewed by the completion of the Special Survey, to the E.G. boiler not to be used until properly repaired and to all other conditions at present attached to the vessel's class being dealt with as previously recommended. It is recommended that the requested postponement of the machinery Special Survey till September, 1967 be granted.

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

(A. ANSALDO)

Surveyor to Lloyd's Register of Shipping

Date of Committee

Minute

MONDAY - 5 DEC 1966

As now, subject
CSM 9-66 ABS 3-66

Lloyd's Register
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HEADER

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011931. 011935. 0076 1/2

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.) good	31 Air ejectors (main & aux.)	
32 Have main engines been examined working & manoeuvring? yes		
33 Essential independent pumps	Both boiler feed pumps - ballast pump(port fwd.) - both fuel valve cooling pumps(fwd.) - Bilge and ballast pump in fwd. pump room - S.W. cooling pump for aux.Diesel engine (stbd. fwd.) - all good.	
34 Bilge, ballast & oil fuel suction lines, fittings & controls good	35 Have the remaining piping arrangements & fittings in the machinery space been examined as considered necessary? yes	
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 good(HT to 60 Kg/cm2)	Identify by position
42 Main air receivers & safety devices	44 Oil fuel tanks (not forming part of the hull structure) good	
43 Independent air compressors, coolers & safety devices		
45 Have all evaporators safety valves been tested under steam? yes	46 Evaporators good	47 Distillers good
48 Steering machinery good	49 Windlass	50 Machinery spare gear good

AUXILIARY ENGINES

DOCKING

Propeller good	Sea connections good	Oil gland -
Fastenings & gratings good	Clearance in stern bush (if relined state clearance before & after) 5.5	
Has screw/tube shaft been drawn? yes	Date of examining shaft & condition 23/8/1966	bronze liner worn.
Has shaft been changed? no	Has shaft now fitted been previously used? -	
Has shaft now examined/ drawn a continuous liner? yes	Approved oil gland -	

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

The screwshaft, whose clearance was 5.5 mm. has been drawn in, examined by magnaflux test and found sound. The bronze liner was found scored, eroded and not regularly worn. As the drydock was urgently required and the shaft was considered still efficient for a period of about 12 months, it has been refitted.

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 yes

Ship's Name ~~SS~~/MS "INA" ex "AGOSTINO FASSIO"

Port GENOA

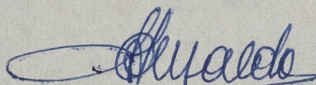
Rpt. No. 32069

It has been recommended to have the shaft reexamined or renewed by the completion of the Special Survey.

The after water box of the steam condenser, heavily corroded, has now been renewed.

The door of the after evaporator, heavily corroded, has now been renewed.

Other minor maintenance repairs have now been effected.


(A. ANSALDO)

SURVEYOR TO LLOYD'S REGISTER OF SHIPPING



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