

Rpt. 9A

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

Received London

20. MAY 1967

Ship's Name SS/XX "ORIENTAL GIANT"

Port Nagasaki

Processing
Number: LR

526492

Gross tons 43394

Rpt. No. 1483

Port of Registry

Monrovia

Date of build 12-1959

Is there a rpt. 8? Yes

No. of visits 2

First date 28-4-67

Last date 1-5-67

Interim Cert. issued
& copy herewith?

Yes

Damage rpt. issued
and copy herewith?

No

Last rpt. (H.Q. only)

Date of
completing rpt.

1-5-67

Surveyed at, if different from Port above

Is a rpt. 9B
attached?

No

MN

Nature of survey

Survey fees

Damage fee

Expenses £1-0-0

TS £15-0-0

S.A. fee

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

1 Cyls., covers, pistons,
rods, valves & gears2 Con. rods, crossheads,
bearings & guides Side3 Crankpins
(incl. eccentrics)
& bearings Centre
Side4 Crankshaft journals
& bearings Centre5 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 & scavenge doors & 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/without fresh record of TS(CL) N4.67 now subject
to any conditions of class being dealt with as previously recommended.

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

Minute

MONDAY - 3 JUL 1967

As now

TS N 4.67 (4)

B.B. Girling
Surveyor to Lloyd's Register of Shipping

2021

Lloyd's Register
Foundation

012159-012164-0099 1/2

are to be cancelled; this need not be done when the machinery is
on a continuous survey basis. When any part has been hydraulic-
ally tested the pressure should be stated. Engine parts when referred
to by numbers should be counted from forward.that date a distinguishing mark thus¹ should 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 shipThe 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

19 Exhaust steam turbines (with recip. eng.)

21 M.E. steam compressors

23 Clutches & hydraulic couplings

25 De-superheaters

27 Stop & manoeuvring valves

29 Main engine driven pumps (including fuel injection)

30 Condensers (main & aux.)

32 Have main engines been examined working & manoeuvring?

18 Shafts, bearings & couplings

20 Thrust blocks, shafts & bearings

22 Intermediate shafts & bearings

24 Steam re-heaters

26 Forced &/or induced draught fans

28 Holding down bolts & chocks

31 Air ejectors (main & aux.)

33 Essential independent pumps

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

36 Fresh water coolers

38 Heaters & safety devices including de-aerator (state service)

40 Auxiliary air receivers & safety devices

42 Main air receivers & safety devices

43 Independent air compressors, coolers & safety devices

45 Have all evaporators safety valves been tested under steam?

48 Steering machinery

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

37 Lub. oil coolers

39 Pressure feed water filters

41 Starting air pipes

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

47 Distillers

50 Machinery spare gear

AUXILIARY ENGINES

DOCKING

Propeller **Good**

Fastenings & gratings **Good**

Has screw/shaft been drawn? **Yes**

Has shaft been changed? **Yes**

Has shaft now ~~xxxx~~ fitted a continuous liner? **Yes**

Sea connections **-**

Oil gland **-**

Clearance in stern bush (if relined state clearance before & after) **4.05 mm**
2.0 mm

Date of examining shaft & condition **28-4-67 Good**

Has shaft now fitted been previously used? **No**

Approved oil gland

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

Screwshaft: Ships spare screwshaft stamped:- Lloyd's Nag. PC No. SL6 AI 12-10-59 now fitted because roughness of existing screwshaft liner stated causing breakdown forward packing.

The reason for repairs must be stated and those on account of damage, the alleged cause of 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

State
Port P. or
Starboard S.

Identify
by
position

Ship's Name SS/~~MS~~ "ORIENTAL GIANT"

Port Nagasaki

Rpt. No. 1483

Fit of new shaft in propeller examined and found satisfactory. Shaft keyway found to comply with C1102 of Rules. Shaft Cone end & keyway examined by "Magnaflux" process and found free from defect. It is submitted that the screwshaft now fitted is suitable for examination at 4 year^{ly}~~ing~~ intervals and that an appropriate entry be made in the S.R.L. Appendix.

3.8.C.



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