

Rpt. 9A

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

Received London

-1. NOV. 1967

Ship's Name ~~SS~~ ORJEN)

Port SPLIT

Processing
Number: LR 526526

Gross tons 7165

Rpt. No. 2845

Port of Registry KOTOR

Date of build 1943-9

Is there a rpt. 8? Yes

No. of visits 6

First date 4.10.67

Last date 18.10.67.

Interim Cert. issued
& copy herewith? YesDamage rpt. issued
and copy herewith? --

Last rpt. (H.Q. only)

Date of
completing rpt. 24.10.67

Surveyed at, if different from Port above TROG IR

Is a rpt. 9B
attached? Yes

MN 628

Nature of survey Docking & MBS

Survey fees

Damage fee

Expenses

MBS. £18-14-0 & N.Din.654.50

N.Din.307.50

S.A. fee --

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

1 Cyls., covers, pistons,
rods, valves, including
rotary valves, & gears2 Con.rods,crossheads,
bearings & guides Side3 Crankpins
(incl. eccentrics),
webs & bearings Side4 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, webs
& 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,
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 ~~with~~ fresh record of MBS 10.67 without condition of class regarding the outboard feed pump water-end liner, subject to any other outstanding 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).

(A. Jackson & M. Brajnović)

Surveyor to Lloyd's Register of Shipping

Date of Committee

Minute

TUESDAY - 5 DEC 1967

adms, with 3rd card
MBS 10.67Lloyd's Register
Foundation

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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 thus: 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 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	The outboard Main feed pump - good	
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	47 Distillers
48 Steering machinery	49 Windlass	50 Machinery spare gear

State
Port P. or
Starboard SIdentify
by
position

AUXILIARY ENGINES

DOCKING

Propeller	Sea connections	Oil gland
Fastenings & gratings	See 9B Rpt.	Clearance in stern bush (if relined state clearance before & after)
Has screw/tube shaft been drawn?		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.

MAIN BOILER SURVEY

In each watertube boiler found 5 inclined tubes (bottom row) bulged.
All ten inclined tubes renewed.

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

Rpt.

(cont.)

Ship's Name SS/MS ORJEN

Port SPLIT

Rpt. No. 2845

CONDITION OF CLASS (SRL No. 276)

"Outboard main feed pump water end liner (worn) to be specially examined and dealt with as necessary.

In connection with above see attached Report No. 961 of "Register of Shipping of the U.S.S.R.". The feed pump tried under working conditions and found good. It is recommended that this item be deleted from S.R.L.



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