

REPORT OF SURVEY FOR REPAIRS &c., OF ENGINES AND BOILERS

(Received at London Office)

Report 2/12/19 50 When landed in at Local Office 2/12/50 19 50 Port of 19 JAN 1951 Yokohama
 Supplement Survey held at Yokohama Date. First Survey 15th Nov Last Survey 2nd Dec 19 50
 (No. of Visits five)

the Machinery of the ~~Wood~~ Iron or Steel s.s. "Norelg"

6103 Vessel built at Vancouver By whom GM Standier Cnst Corp When 1920
 7729 Engines made at Hamilton By whom Hooven Rentscher Co When 1920
 - Boilers, when made (Main) 1920 (Donkey) 1920
 3 Owners Wallem & Co Ltd Owners' Address P.O. 40 Hong Kong
 Boilers Managers Port Panama Voyage
 210 If Surveyed Afloat or in Dry Dock Yokohama DD
 (State name of Dock)

No. Port

of Examination and Repairs (if any) Docking, TS, BS, & Comp MBS

when held, must be reported in detail and serially in the terms of the Rules. State clearly the cause of Repairs, if any, nature and extent of Examinations and subsequent Repairs. Repairs on account of Damage (the cause of which must be separated from Repairs due to other causes; and besides being detailed in the body of the report, should be briefly mentioned at the end of the report. State also the dates and initials of any letters respecting this case.

where the Surveyor has not made a special damage report he is required to state whether he offered his opinion, and why they were declined not required

report made by anyone else? If so, by whom?

personally go inside each Main Boiler separately and make a thorough examination at this time? Yes

" Donkey "

What reasons? What parts of the Boilers could not be thus thoroughly examined?

ins, in the absence of internal examination, were adopted by the
 himself of the thorough efficiency of those parts of each Boiler?

of internal exam boiler All 15-11-50

examine the Safe Main Boilers? Yes To what pressure were they afterwards adjusted under steam? 210 lbs/l

examine the Safety Valves of the Donkey Boilers? To what pressure were they afterwards adjusted under steam?

examine all the manholes, doors and their fastenings of the Main Boilers? Yes, and of the Donkey Boilers?

examine the drain plugs of the Main Boilers? Yes, and of the Donkey Boilers?

examine all the mountings of the Main Boilers? Yes, and of the Donkey Boilers?

it now been drawn and examined? Yes Has it a continuous liner? Yes Is an approved oil retaining appliance fitted at the after end?

it changed? No If so, state reasons Has the shaft now fitted been previously used? Has it a continuous liner?

retaining appliance fitted at the after end? State date of examination of Screw Shaft 16-11-50 State the wear down in the

fit Is electric light and/or power fitted? Yes If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? Yes

resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms? Yes

Engine parts, when referred to by numbers, should be counted from forward.

not complete, state what arrangements have been made for its completion and what remains to be done Complete

Docking: Vessel placed in drydock, the propeller, aft end of stern bush and the sea
 ns with their fastenings examined.

ft drawn, examined, stern tube rewooded.

wing machinery opened up and examined:-

HP, IP and LP cylinders, pistons and valves.

circulating pump.

main feed pumps.

ge, ballast and general service pumps.

and auxiliary condensers examined and tested.

ass in entirety.

and pumping arrangements examined.

etric circuits examined and megger tested.

three main boilers opened up and examined in entirety including all mountings, manhole
 (PTO)

ations, Opinion, and Recommendation:- The machinery of this vessel so far as now seen

what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and also any alteration required
 in the records of the vessel's machinery, boilers, working pressures, &c.; thus, for example, BS 9,11, B&MS 9,11, *LMC 9,11 or *LMC 140 lbs., FD, &c.)

od and efficient condition and eligible, in our opinion, to remain as now classed with

rd of TSCL 11 50, MB1S 12,50 and MBS with date as previously recommended.

ler Survey 24 - - - Fees applied for
 (ation 29) £ 7 - - - 19
 Repair Fee (if any) £ 10 - - -
 (ation 29) Repairs £ 2 - - -
 (if chargeable) £ 2 - - -
 TUES. 3 APR 1951

minute

MBS 8,48

4.11.50 BLS 12,50

CERTIFICATE WRITTEN.

Engine Surveyor to Lloyd's Register of Shipping.



Lloyd's Register
 Foundation

010208-010218-0176

doors etc, afterwards examined under steam and safety valves adjusted as stated.

Repairs Main engine

remetalled. HP valve rings renewed, bottom end bearing and eccentric straps

IP valve rings renewed, piston rings renewed.
LP bottom end bearing remetalled.

Auxiliaries

Main circulating pump impellor and shaft renewed,
other repairs of a minor nature effected.

Boilers

Centre

Lower manhole doors built up by welding.

4 CC stays renewed. Internal feed pipes renewed.
29 tubes renewed.

Port

2 CC stays renewed, 30 tubes renewed.
Internal feed pipes renewed.

Starboard

4 CC stays renewed, 12 tubes renewed.
Minor repairs to mountings.

Shuman



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