

No. 16966.

Report of Survey for Repairs, &c., of Engines and Boilers.

TUE 19 NOV 1913

(Received at London Office)

Writing Report Nov 18th 1913 When handed in at Local Office Nov 18th 1913 Port of Barry

Survey held at Barry Date, First Survey 14 Nov Last Survey 16 Nov 1918 (No. of Visits 3)

on the Machinery of the Wood Iron or Steel S.S. War Zephyr Master

Gross 3100 Vessel built at Sunderland By whom J. Priestman & Co When 1918

Net Engines made at Do By whom G. Clark Ltd When 1918

Boilers, when made (Main) 1918 (Donkey)

Owners Herakind & Co (Ingr) Port London Voyage

Donkey Boilers X Surveyed Afloat or in Dry Dock No 2 8th (State name of Dock.)

Report No. Port Particulars of Examination and Repairs (if any) Repairs

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

In cases where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose, and why they were not done?

Was a damage report made by anyone else? If so, by whom?

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

Donkey " " "

not done, state for what reasons?

Parts of the Boilers could not be thus thoroughly examined?

Special means, in the absence of internal examination, were adopted by the Surveyor to assure himself of the thorough efficiency of those parts of each Boiler?

Surveyor examine the Safety Valves of the Main Boiler? To what pressure were they afterwards adjusted under steam?

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

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

Surveyor examine the drain plugs of the Main Boilers? , and of the Donkey Boiler?

Surveyor examine all the mountings of the Main Boilers? , and of the Donkey Boiler?

Shaft now been drawn and examined? Is it fitted with continuous liner? or two liners? or is it without liners?

Now been changed? If so, state reasons

Now fitted new? Has it a continuous liner? or two liners? or is it without liners?

Distance betweenignum vitæ of stern bush and top of after bearing of screw shaft?

If is not complete state what arrangements have been made for its completion and what remains to be done?

Condenser examined and tested. Found all ferrules tight and have now been tightened up. and made tight

Feed pump examined. Found the valve seat for valve

on exhaust pipe lifting with the valve. A new valve

it has now been fitted. Aux: feed pump examined under

working condition and found in good working order

Intermediate stop valve. valve and seat damaged

some hard metal getting between

valve and seat skimmed up.

at Observations, Opinion, and Recommendation:—The Machinery of this vessel

clearly 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 to be made in the records of the vessel's machinery, boilers, working pressures, &c.: thus, for example, R.S. 9,11, B.&M.S. 9,11, or L.M.C. 9,11, 140 lb., P.D., &c.)

as far as now seen in good condition and is eligible in

opinion to remain as classed with record of L.M.C

18 as per Sunderland Report No 27366

(per Section 28) £ : : Fees applied for

Damage or Repair Fee (if any) £ : : Received by me, 19

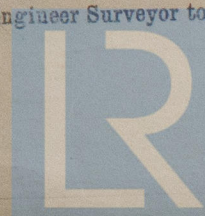
Expenses (if chargeable) £ : : 19

Committee's Minute WED. 20 NOV. 1913

Thm 10 18

J. R. Jenkins

Engineer Surveyor to Lloyd's Register of Shipping.



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Lloyd's Register

W177-0017

Is a Certificate required? If so, to be sent to

Survey for classification now completed
Auxiliary feed pump & condenser
overhauled & made good.

N.B.—If this Report is copied by Copying Press, especial care must be taken that the copying paper is not so much damped as to spread the ink, or to cause it to show through to the other side.

It is submitted that
this vessel is eligible for
THE RECORD. + LMC 10. 18
F.D.

J.R.H. J.W.D.
19/11/18

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.

pt. 4. Register
of Shipping Report
in Survey held
by. Book.
on the
Master *Monica*
Engines made at *Sum*
ilers made at *Sum*
gistered Horse Power
m. Horse Power as per
GINES, &c.—1
a. of Cylinders 25
the screw shaft fitted
the propeller boss
een the bearings in
rs are fitted, is the
u. of Tunnel shaft
as per
lers 134 Dia. of
of Feed pumps 2
of Bilge pumps 2
of Donkey Engines
Engine Room 3
Main After
of Bilge Injections 2
all the bilge suction pi
all connections with
they fixed sufficiently
they each fitted with a
all pipes are carried
all Pipes, Cocks, Va
the Bilge Suction P
the Screw Shaft Tun
ILLERS, &c.—(11
al Heating Surface
Working Pressure
each boiler be work
boiler 2 *Spain*
allest distance between
ickness 15 Rang
y. seams A. H. F. A
centages of strength
e of compensating ring
gth of plain part
top
working pressure of furna
ch of stags to ditto: S
terial of stags 5
terial 5 Thick
ea at smallest part
ickness $\frac{3}{16}$ Material
meter of tubes $2\frac{3}{4}$
ch across wide wa
ness of girder at co
working pressure by ru
meter 1
ch of rivets
ERHEATER.
of Test
meter of Safety Valve