

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

WED. SEP. 10. 1913

(Received at London Office)

Report 9. 9. 1913. When handed in at Local Office 9. 9. 1913 Port of Aberdeen.
Survey held at Aberdeen Date, First Survey 14. 4. 13. Last Survey 6. 9. 1913.
the Machinery of the Wood, Iron or Steel S.S. "LYNDIANE" ex Armida Master Louis Veyrat
1842. Vessel built at Sunderland. By whom J. L. Thompson & Son When 1883. 10
941. Engines made at Hatterpool. By whom J. Richardson & Sons. When 1883
222. Boilers, when made (Main) Port 1910. Starboard 1913. (Donkey) ✓
Owners De Chanand & Co. Port Havre. Voyage Havre.
160 lbs Surveyed Afloat in Dry Dock Pontoon & Victoria Dock. Particulars of Classification (which must be inserted
(State name of Dock.) precisely as in Register Book & Supplements).

CHARACTER.	Year	Machinery and Boiler
For Special Survey.	Assessed	Surveys
Date of last Survey and of	now	(including date of N.B., if any).
Periodical Surveys.	expired.	
1. 100 A 1. 3. 13		L.M.C. 3. 11.
3. S. And 2nd No III - 3. 11		B.S. 4. 12
		T.S. 3. 13.

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

personally go inside each Main Boiler separately and make a thorough examination at this time? Port boiler only. Starboard boiler new. Sld rep No 254/11.
" Donkey " " put ashore and dispensed with.
state for what reasons? Old main boilers put ashore. and others of increased W.P. fitted.

the Boilers could not be thus thoroughly examined? ✓
means, in the absence of internal examination, were adopted by the
are himself of the thorough efficiency of those parts of each Boiler? ✓

examine the Safety Valves of the Main Boilers? new complete. To what pressure were they afterwards adjusted under steam? 161 lbs.
examine the Safety Valves of Donkey Boiler? ✓ 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 Boiler? ✓
examine the drain plugs of the Main Boilers? none, and of the Donkey Boiler? ✓

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

now been drawn and examined? yes. Is it fitted with continuous liner? no. or two liners? ✓ or is it without liners? ✓

been changed? yes. If so, state reasons body pitted between the liners
fitted new? yes. Has it a continuous liner? yes. or two liners? ✓ or is it without liners? ✓

between lignum vitae of stern bush and top of after bearing of screw shaft? a working fit. stern bush lined up.

it complete state what arrangements have been made for its completion and what remains to be done? Survey Complete.

essel has now been purchased by Messrs De Chanand & Co of Havre, and is intended
ployed by them in the frozen meat trade to Havre.

essel placed in dry dock, & subsequently on pontoon. Tail shaft drawn & found
itted in body, and now taken for "Spare", and a new shaft supplied & fitted (forging

Tacked) together with new solid C.I. 4 bladed propeller of improved design.

ilge injection, and ship's side discharge valve opened, and with their fastenings

ose of the stern bush examined. Engines opened up & examination made of

rs, pistons, slides, rods & spindles, Crank, thrust & tunnel shafting, all

s & main Condensers (Condensers tested).

es tripled by the fitting of a High press: cylinder 19" diam. on top of former

inder, Carried on stools, bolted on new cover of intermediate cylinder; Complete

overs, piston & piston valve: I.P. piston rod, & its neck & gland bushes renewed

Observations, Opinion, and Recommendation:— This machinery is now in good & safe

y 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

iteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.: thus, for example, B.S. 9, 11, B.&M.S. 9, 11, or L.M.C. 9, 11,

, E.D., &c.) Condition, and in my opinion eligible to remain as classed, with record

ey L.M.C. 9. 13. N.B. (STAR) 9. 13. (PORT) refitted 9. 13. and notation "T.S. new 9. 13"

ended particulars for entry in Reg Book. See end of report.

e of name, Ownership, Nationality, and port of Registry to be noted.

section 28) £ 15. 0. 0 Fees applied for
r Repair Fee (if any) £ : : 9. 9. 1913
ction 28.) Received by me 11/9/13
ses (if chargeable) £ : :
Ridley Farrell & J. S. Sella
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

ee's Minute FRI. SEP. 12. 1913
+ hmc 9. 13 + P N.B. 7. 10 refitted 13 + S N.B. 9. 13
without 1pl restriction
noted on him
MACHINERY CERTIFICATE
WRITTEN 11/9/13
Lloyd's Register
Foundation

renewed:

S.S. "LYNDIANE."

new HP piston rod (forging report attached) supplied & fitted, screwed to rod, forming piston nut: Connecting rod top end brasses renewed: IP valve fitted with new end, and HP Spindle Coupled to same by double cottars: IP sheaves refitted & keyed, and new liners & studs fitted to straps: reversing renewed, & brackets for same boxed over; motion adjusted & valves set. The following repairs also carried out. viz. thrust shoes refilled with metal: feed pump plungers skimmed up, neck & gland bushes, together, delivery valves & seats renewed: new Columns & Springs fitted to escape new Cock for extra feed, and new pipe for overflow from hotwell: all parts of engines overhauled & adjusted.

New General Service donkey supplied & fitted (vert. duplex $4" \times 4\frac{1}{2}" \times 8"$) with Connections. Ballast donkey (vert. flywheel) overhauled & its pipe connections in part renewed. Pumping arrangement throughout the vessel overhauled and in greater part renewed. Sluice valves on engine room & stokehold removed, & suction fitted, with strums in each wing of Nos. 2 & 3 holds, to forepeak & after well & peak, and to bilge of No 1 hold, overhauled, their lead piping in part renewed.

Two new main boilers of increased diameter & working pressure now fitted one now made (See Sld. rept No 25711. attached) fitted on starboard side: the other salvaged from the wreck of the S.S. "Adorna", and made at Newcastle in 1910. Two new & Hunter & Brigham Richardson, fitted on port side, on new stools. properly chocked & secured. This latter boiler when brought to Aberdeen cleaned & thoroughly examined, and after the renewal of some boxes in the front shell seam, in way of sundry indentations in the shell plates, was by hyd. press: to 320 lbs per sq inch & carefully gauged & found perfectly satisfactory (See letter addressed to Secretary dated 28th May/19, and reply June/13. also see Copy of Special Certificate, hereto attached). New smoke uptake, funnel, air casing & bonnet fitted, together with a complete set of boiler mountings & pipe connections, including, main & aux^y stop safety valves & casing gear, main & donkey check valves, main & surface boiler water gauge mountings, (in duplicate) Test & salinometer cocks: new main steam pipes fitted, tested by hyd press: to 320 lbs: new high press: steam pipes also fitted to impulse, and to reversing engine, and reduced steam & to refrigerating engine, circulating brine pumps, general & ballast dynamo, fan, & ash hoist engines. New valve fitted on ship's bottom boiler blow down. Small air fan fitted in bunker 'tween decks, delivery to stokehold. New C1 stokehold floor laid on angle bearers, and the old fidley gratings, ladders & fitted. Donkey boiler put ashore & disposed of, and recess for same converted into pocket bunker.

'Tween decks fitted in Nos 1, 2 & 4 holds & together with No 1 hold, insulated. Refrigerating machinery (Separate reports forwarded) fitted in bunker 'tween decks, port side: engine fitted with alternative exhaust to main condenser or to atmosphere, thro' main waste steam pipe: Circulating water pump (horizontal duplex donkey $4" \times 4\frac{3}{4}" \times 4"$) fitted on starting platform, complete with separate sea injection valve, and direct

Aberdeen.

Continuation of Report No. 11268. dated

9. 9. 13. on the

S.S. "LYNDIANE."

to direct delivery to refrigerating Condenser: Connection also fitted from
allast donkey to refrigerating Condenser & thence overboard.
through discharge valve on ship's side.
Completion of foregoing alterations and repairs, Steam raised
and Safety valves adjusted to working pressure.
Engine tried at moorings, and everything found satisfactory.

Ridley & Moll,

Amended particulars for insertion in Register Book. as follows.

Registered 13. Hall Russell & Lythd. Aberdeen.

3. Cy. 19", 29", & 59" - 33" - Boiler Press: 160 lbs. N.H.P. 222. 2240

R.S.T.B. (S) 4. Cy. G.S. 104.3 - H.S. 3668 - (S).

An Electric light installation has been fitted on board. a report
on which will be forwarded in due course.

Rf.

8/5 "Ladona" - Hwe 58874

Main Boiler

ISB (r)	3 cf	98.64.5	H.S. 2104
ISB (s)	3 cf	50.6	H.S. 2108
		<u>115.1</u>	<u>4212</u>



© 2019

Lloyd's Register
Foundation

ABN32-0153 1/2

At due 4.13 - All boilers put ashore and two
new main Boilers fitted.
Engines tripled; screw shaft & propeller
renewed. New General Service donkey fitted.
Machinery examined & thorough
overhauled.

See Appendix 10
2.9.13

