

Port No. 122252

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THE BRITISH CORPORATION REGISTER OF SHIPPING AND AIRCRAFT
MACHINERY

In Reg. Book -6343

Port HULL:

"WENSLEYDALE" ex 'Ophelia' 10th March, 1949.

Dry Spec. Survey * ABS
Classification

Survey held* Immingham Docks.

Owners Yorkshire Dale Steamship Co. Ltd. Electric Lighting? Yes Kws. -

Engines:

Description 4 Cyl. Made by Ottensener Maschinenbau Ges. When -

Cylinders, No. each Eng. 4 Diars. 14 9/16" 31 1/2" Stroke 31 1/2" Cub. Ft. each L.P. Cyl. -

Builders: A.G. Altona.

In, No. & Description 2 Sgl W.P. 220 lbs Made by Ottensener Eisenwerk/ When -

K. M. Do. - W.P. - Made by - When -

In Steam Pipes, Material Steel. Welded, Brazed, Seamless S.D. When Tested 2/49

Peller Shaft, Diar. under Liner - Description of Liner Continuous. When Drawn 2/49

ss M.B.S. - S.S. Type No. 3 Due 2/53 Boiler Survey Due 2/50 M.S. Due -

* Insert name of Dry Dock; or where, if afloat.

This ship was visited on 12th July 1948,
and subsequent dates in connection with the
above survey.
The following parts were examined and
recommendations made.

ITEMS.

RECOMMENDATIONS.

Ford. H.P. Cylinder,
piston & rod examined.

Cylinder barrelled.
Piston hood defective.
Piston rod defective.

Rebored.
Renewed and new
rings fitted.
Skimmed and new
neck & gland
bushes fitted.

Aft. H.P. Cylinder,
piston & rod examined.

Cylinder barrelled.
Piston hood defective.
Piston rod defective.

Rebored.
Renewed and new
rings fitted.
Skimmed and new
neck & gland
bushes fitted.

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Visit 12/7/48 Last Visit 3/3/49 Boilers and Engines then in Seaworthy Condition

of Visits 20. As far as seen.

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nses Paid

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A. M. Intyre
Surveyor to the British Corporation Register
of Shipping and Aircraft

Chief Surveyor.

Ford. L.P. Cylinder,
piston & rod examined.

Cylinder barrelled.

Piston hood defective.

Piston rod defective.

Aft. L.P. Cylinder,
piston & rod examined.

Cylinder barrelled.

Piston hood defective.

Piston rod defective.

H.P. Poppet valves &
casings examined.

Valves & seats defective.

L.P. Poppet valves &
casings examined.

Valves & seats defective.

Crossheads & bearings
examined.

Crankshaft main and bottom
end bearings examined.
(Main bearing top halves
defective).

Holding down bolts
examined & tested.

Thrustshaft and bearings
examined.
Pads defective.

Thrust block examined.

Intermediate shafting &
bearings examined.
3 bearings fractured
across foundation on
one side.

Independent feed pumps
examined.
Water end liners
defective.

Buckets defective.

Rebored.

Renewed and new
rings fitted.

Skimmed and new
neck & gland
bushes fitted.

Rebored.

Renewed and new
rings fitted.

Skimmed and new
neck and gland
bushes fitted.

Seats knifed &
valves renewed
completely with
spindles, bushes,
and rollers.

Seats knifed &
valves renewed
complete with
spindles, bushes,
and rollers.

In order.

Remetalled.

In order.

Spares fitted and
pads remetalled.

In order.

Satisfactory repair
made.

Renewed (2).

Renewed (2) & new
rings fitted.

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Bucket rods defective.

Pistons defective.

Piston rods defective.

Valve spindles defective.

Valve motion defective.

Suction & delivery valves
and seats defective.

Main Engine Bilge Pump
examined.

Ram defective.

Main Engine Sanitary pump
examined.

Ram defective.

Circulating pump examined.

Impeller casing defective.

Circulating pump engine
examined.

Piston defective.

Piston valve defective.

Piston rod & valve
spindles defective.

Condensate pump examined.

Barrel defective.

Feed heaters (2)
examined and tested.

Condenser examined.
Water end defective.

Condenser tested.

General Service & Stand-
-by condensate pump examined.

Piston rings defective.

Bucket rings defective.

Skimmed and new
neck & gland bushes
fitted.

Renewed (2) and new
rings fitted.

Skimmed and new
neck & gland bushes
fitted.

Skimmed & new neck
and gland bushes
fitted.

New pins and bushes
fitted.

Seats skimmed and
valves renewed.

Skimmed and new
neck & gland bushes
fitted.

Skimmed and new
neck & gland bushes
fitted.

Renewed complete
with impeller shaft
and seating rings
(Spare impeller
shaft supplied).

Renewed complete
with rings.

Renewed.

Skimmed and new
neck & gland bushes
fitted.

Renewed.

In order.

Renewed.

In order.

Renewed.

Renewed.

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Lloyd's Register
Foundation

Valve motion defective.

Pins and bushes renewed.

Suction & delivery valves & seats defective.

Seats knifed and valves skimmed or renewed as necessary.

Ballast Pump examined.

Piston rings defective.

Renewed.

Bucket rings defective.

Renewed.

Piston & bucket rods defective.

Skimmed & new neck and gland bushes fitted.

Suction & delivery valves and seats defective.

Seats knifed and valves skimmed or renewed as necessary.

Fan engine examined.

Piston rings defective.

Renewed.

Valve spindle guide bush defective.

Renewed.

Steering Engine examined.

Piston rings defective.

Renewed.

Piston rods defective.

Skimmed and new neck & gland bushes fitted.

Piston & control valve rings defective.

Renewed.

Valve spindles defective.

Renewed and new neck & gland bushes fitted.

Windlass engine examined.

Piston rings defective.

Renewed.

Piston rods defective.

Renewed and new neck & gland bushes fitted.

Valve spindles defective.

Skimmed and new neck & gland bushes fitted.

Guide bars defective.

Machined & readjusted.

Port side driving shaft bearing keep defective.

Renewed.

Main steam pipes examined and tested.

In order.

Propeller shaft drawn in and examined.
Liner slightly grooved.

Skimmed.

Stern tube examined and tested.

In order.

Stern bush examined.
Wood bearing defective.

Renewed.

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Propeller & Fastenings examined.

In order.

Sea connections examined externally & internally.

In order.

Pumping arrangements examined and tested.

In order.

Steam Dynamo engine examined.

H.P. & L.P. piston rings defective.

Renewed.

H.P. & L.P. piston valves defective.

Renewed.

H.P. & L.P. rods defective.

Skimmed and new neck & gland bushes fitted.

Dynamo examined.

In order.

Diesel generator engine examined.

Piston rings defective.

Renewed.

Generator examined.

In order.

Electrical installation examined and tested.
Several circuits defective.

Overhauled or renewed as necessary.

Port boiler superheater & mountings examined.

Several combustion chamber stays leaking.

Nuts removed stays caulked and nuts refitted or renewed as necessary.

Superheater headers examined and tested.

Element securing studs defective.

Renewed.

Element joint faces defective.

Skimmed.

Elements defective.

Renewed throughout.

Main and auxiliary check valve lids defective.

Renewed.

Main, auxiliary, dynamo and steering engine stop valve covers and spindles defective.

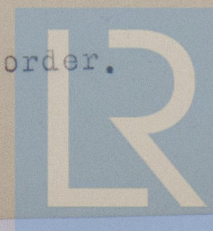
New steel covers & pillars with forged steel bridges and monel metal spindles fitted.

Safety valve lids defective.

Renewed.

Boiler hydraulically tested.

In order.



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S.S. "WENSLEYDALE".

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Starboard boiler,
superheater & mountings
examined.

Several combustion
chamber stays leaking.

Nuts removed, stays
caulked and nuts
refitted or renewed
as necessary.

Superheater headers
examined and tested.

Element securing
studs defective.

Renewed.

Element joint faces
defective.

Skipped.

Elements defective.

Renewed throughout.

Main and auxiliary feed
check valve lids
defective.

Renewed.

Main, auxiliary, dynamo
and steering engine, stop
valves covers and
spindles defective.

New steel covers and
pillars with forged
steel bridges and
monel metal spindles
fitted.

Main feed internal pipe
defective.

Renewed.

Boiler hydraulically
tested.

In order.

Main and superheat
safety valves adjusted
at stipulated pressure.

In order.

The above recommendations were carried
out satisfactorily and the ship subsequently
underwent trials on the River Humber when the
main and auxiliary machinery was found in order.
It is recommended that this ship be granted
Classification with this Register.

A. M. Intyre

SURVEYOR.

Feed filters
Injector
Evaporator
Spare gear

letter sent 16/3/49.



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Foundation

Report No. 122
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