

23 MAR 1949

Port No.

THE BRITISH CORPORATION REGISTER OF SHIPPING AND AIRCRAFT MACHINERY

Reg. Book Port Sunderland

"Oakley" March 7 19 49

Survey held* Middle Dock Co's Drydock, and
Classification afloat at Quay, River Tyne.
The Ithaca Shipping Co. Electric Lighting? Kws. 3.5

Description Made by When

Inders, No. each Eng. Diars. Stroke Cub. Ft. each L.P. Cyl.

No. & Description W.P. Made by When

M. Do. W.P. Made by When

Steam Pipes, Material Welded, Brazed, Seamless When Tested

Liner Shaft, Diar. under Liner Description of Liner When Drawn

8.27/32"

M.B.S. S.S. No. Due Boiler Survey Due M.S. Due

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

SHIP was visited in connection with the above survey and the following is a report upon the items examined and their condition:-

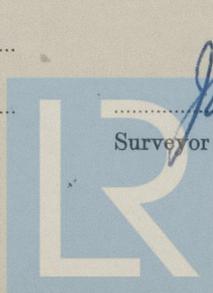
ITEM	REMARKS
cylinder and piston;	Piston carrier and rings renewed.
cylinder and piston;	Piston carrier and rings renewed.
cylinder and piston;	Piston carrier and rings renewed.
valve;	Piston valve adjusted.
valve;	Refitted and adjusted.
valve;	Refitted and adjusted.
n and valve rods;	H.P. piston rod renewed.
	M.P. piston rod skimmed.
	H.P. & M.P. valve spindles skimmed in way of packing.
M.P. & L.P. crossheads; and	In order, refitted and adjusted.
ngs.	
guide shoe.	Remetalled.
shaft and bearings;	Examined, refitted and adjusted, 1 eccentric strap remetalled, 5 straps reversed.
block and shaft;	Examined, aligned and refitted.
mediate shafting;	In order.
ler Shaft;	Drawn in, examined and refitted, (no liner-oil gland).
bearing;	In order - worn down 1/16".
cks and valves, suctions and	Opened out, cleaned, examined, [OVER] overhauled and refitted.
ged;	Boilers and then in Condition
15/7/48 Last Visit 7/3/49	Engines <i>Good as far as seen.</i>

EIGHTEEN

Advised

Paid

Surveyor to the British Corporation Register of Shipping and Aircraft



Lloyd's Register Foundation

Chief Surveyor.

011227-011234-007912

S/S "Oakley"

REMARKS

ITEM

Ballast pump;

Feed heater;

Feed filter;

Main condenser;

General service pump;

Air pump;

Bilge and feed pumps;

Circulating pump;

Pumping arrangement;

Holding down bolts;

Main steam pipes;

Windlass;

Steering engine and control gear;

Dynamo engine;

Opened out, examined, general overhauled and refitted.

Removed, repaired, refitted and heaters;

In order, tested.

Cleaned, the after water engine renewed and condenser tested.

Generally overhauled.

Bucket and rod renewed.

Overhauled.

Opened out, overhauled and Bilge and tank valves opened examined and refitted.

Hardened up as necessary.

Removed and tested - A new stop valve and pipe fitted new arrangement as the super steam supply has been cut (later note re superheat).

Thoroughly overhauled, refitted and adjusted.

All opened out, examined, and refitted.

Cylinder bored on piston renewed. Valve chamber bored and valve renewed.

Piston rod skimmed, neck and bushes renewed.

The Port Boiler:-

Opened out, cleaned and examined.

In the port chamber - the plate and bottom plate renewed, furnace deflection jacked up, 18 rivets in port furnace renewed, 5 screwed stays renewed, in front circumferential and the lower manhole opened up and doors refitted.

In the starboard chamber - chamber bottom plate renewed, furnace deflection jacked up, 1 rivet renewed in furnace, 2 screwed stays renewed, manhole openings built up and doors fitted.

An area of corrosion on the back end plate in built up by welding. All renewed and the boiler subjected to a hydraulic test.

The Starboard Boiler:-

Opened out, cleaned and examined.

In the port chamber - the plate drilled and thickened, 9 rivets renewed in furnace, the furnace deflection jacked up, truly, the lower manhole built up and doors refitted.

In the starboard chamber - chamber bottom plate renewed, rivet renewed in the furnace, the furnace deflection jacked up.

An area of corrosion on part of the back end plate room built up by welding, tubes renewed and the boiler subjected to a hydraulic test.

ITEM

REMARKS

The superheaters were removed at this time and as stated above the steam pipe arrangement was altered to suit the supply of saturated steam direct from boilers to main engines.

Complete this survey the following work remains to be carried out:-

Supply of the plan of the boilers to be supplied and checked.

Safety Valves of the boilers to be set at the working pressure.

Boiler trial, and main and auxiliary machinery, windlass and lifting gear to be tested under steam, the electrical installation and piping arrangement to be tested.

B.C. MACHINERY PARTS SHEET TO COMPLETE.
LIST OF AUXILIARIES TO SUPPLY.