

No. 795

THE BRITISH CORPORATION FOR THE SURVEY
AND
REGISTRY OF SHIPPING.

Report No. 758 No. in Register Book 1293

BASINGCREEK
S.S. SASKATOON

Makers of Engines N. E. MARINE ENG. CO. LD.

Works No. 1936

Makers of Main Boilers N. E. MARINE ENG. CO. LD.

Works No. 1936.

Makers of Donkey Boiler ✓

Works No. ✓

MACHINERY.



© 2021

Lloyd's Register
Foundation

013728 - 013734 - 0002

No.

THE BRITISH CORPORATION FOR THE SURVEY
AND
REGISTRY OF SHIPPING.

Report No. _____ No. in Register Book _____

Received at Head Office _____

6th May 1910

Surveyor's Report on the New Engines, Boilers, and Auxiliary
Machinery of the Steel Screw Steamer

Saskatoon

Port of Registry

Sunderland

Registered Owners

*The Colonial Transportation
Company Limited*

Surveyor's District

Wear and Tees

Date of Completion of Engines

4-10

" " "

Main Boilers

4-10

" " "

Donkey

✓

Trial Run at

North Sea

Date

19-4-10

First Visit

1-11-10

Last Visit

19-4-10

Total Number of Visits

37

© 2021

Lloyd's Register
Foundation

SKETCHES.

SKETCHES

SHAFTING.

Are Crank Shafts Built? *Yes* No. of Lengths in each *3* Angle of Cranks *120°*
 Diar. of Crank Shafts by Rule *8.99"* Actual *9½"* Diar. in Way of Webs *10"*
 Makers of *Bochumer Verein* Material *Steel*
 Diar. of Crank Pins *9½" ± 0.01* Diar. in Way of Web *9½"*
 Makers of *Bochumer Verein* Material *Steel*
 Width across Crank Webs at Centre of Shaft *19½"* Thickness *18"*
 " " " " Crank Pins *17"*
 " " " " Narrowest part *12"*
 Makers of Crank Webs *Spencer, Newburn* Material *Steel*
 Diar. or Breadth of Keys in Crank Webs *1¾"* Length *5"*
 " of Dowel Pins in Crank Pins *1"* Length *3"* Screwed or Plain *Screwed*
 No. of Bolts in each Coupling *6* Diar. at Mid-Length *24"* Diar. of Pitch Circle *14"*
 Material of Coupling Bolts *Steel*
 Crank Shafts Finished by *N. & Marine Eng. Co. Ltd. Sunderland.*
 Greatest Distance from edge of Main Bearing to Crank Web *Clearance*
 Description of Thrust Blocks *Adjustable with Mintz metal screw*
 Number " " Rings *5*
 Diar. of Thrust Shafts by Rule *8.99"* Actual (at bot. of Collars) *9½"* Over Collars *15½"*
 " " at Forward Coupling *9½"* After Coupling *9"*
 No. of Thrust Collars *5* Thickness *2½"* Distance apart *3"*
 Thrust Shafts Forged by *Bochumer Verein* Material *J. S.*
 " Finished by *N. & Marine Eng. Co. Sunderland*
 Diar. of Intermediate Shafting by Rule Actual
 No. of Lengths, each Engine No. of Tunnel Bearings
 Diar. of Bearings Length Distance apart

TURBINE ENGINES.

Type _____

No. of H.P. Turbines _____ No. of L.P. Turbines _____

No. of Astern " _____ How arranged _____

Revs. per Min. _____ Horse Power _____

Diar. of H.P. Turbine Drums _____ MATERIAL _____ THICKNESS OF METAL _____

Material of H.P. Turbine Casings _____ *Brass* _____

Lengths of Blades in H.P. Turbines _____

No. of Rows of Blades of each Length _____

Pitch of " " " _____

Diar. of L.P. Turbine Drums _____ MATERIAL _____ THICKNESS OF METAL _____

Material of L.P. Turbine Casings _____ " " _____

Lengths of Blades in L.P. Turbines _____

No. of Rows of Blades of each Length _____

Pitch of " " " _____

Diar. of Astern Turbine Drums _____ MATERIAL _____ THICKNESS OF METAL _____

Material of Astern Turbine Casings _____ " " _____

Lengths of Blades in Astern Turbines _____

No. of Rows of Blades of each Length _____

Pitch of " " " _____

Diar. of Turbine Spindles _____ Length of Bearing _____

No. of Thrust Collars on each Spindle _____ Thickness _____ Distance apart _____

Diar. of Spindles at Bottom of Collars _____ Diar. over Collars _____

Spindles Forged by _____ Material _____

" Finished by _____

SKETCHES.



© 2021

Lloyd's Register
Foundation

PUMPS ETC

No. of Air Pumps *one* *15"* *16 1/2"*
 Type of *Edwards*
 Diar. of Air Pump Rod *2 1/4* Material *Muntz Metal*
 How are Air Pumps Worked? *Levers*

No. of Centrifugal Circulating Pumps *One* Maker *Watsons*
 " Reciprocating " " ✓ Diar. ✓ Stroke ✓
 Diar. of Circulating Pump Rods ✓ Material *Engine direct*
 How are Circulating Pumps Worked?

Diar. of Circulating Pump Suction from Sea *7"*
 Has each Circulating Pump a Bilge Suction with Non-return Valve? *Yes* Diar. *5"*

No. of Feed Pumps on each Engine *2* Diar. *7 1/4"* Stroke *16 1/2"*
 Where do they pump from? *Hotwell*
 " " discharge to? *Boilers, thro heater*
 Are Spring-loaded Relief Valves fitted to each Pump? *Yes*
 Can one Pump be overhauled while the others are at work? *Yes*

No. of Bilge Pumps on each Engine *2* Diar. *3"* Stroke *16 1/2"*
 Where do they pump from? *Tanks + bilges*
 " " discharge to? *Overboard*
 Can one Pump be overhauled while the others are at work? *Yes*

No. of Bilge Injections connected to Condensers ✓ Diar. ✓
 Are all Bilge Suctions fitted with Roses? *Yes*
 Are the Valves, Cocks, and Pipes so arranged as to prevent unintentional connection between Sea and Bilges? *Yes*

Are all Sea Connections made with Valves or Cocks fitted direct to the Hull Plating? *Yes*
 Are they placed so as to be easily seen and accessible? *Yes*
 Are the Discharge Chests placed above the Deep Load Line? *Yes*
 Are they fitted direct to the Hull Plating and easily accessible? *Yes*
 Are all Blow-off Cocks or Valves fitted with Spigots through the Hull Plating and Covering Plates or Flanges on the outside? *Yes*



© 2021

Lloyd's Register
Foundation

BOILERS.

Boilers made by *N. G. Marine Eng Co Ltd*

" at *Sunderland*

Works No. *1936*

Date when Plan approved *3-11-09*

Boiler Plates, Iron or Steel *Steel*

Makers of Shell Plates *Spencers, Newburn*

" Internal Plates *do*

Furnaces *Bighton*

" Stay Bars *Spencers, Newburn*

" Rivets *Milly*

Material tested by (B.C., B.T., etc.) *B. G. B.O.T.*

No. of Boilers *2*

Single or Double-ended *Single*

No. of Furnaces, each Boiler *2*

Type of Furnaces *Bightons*

Approved Working Pressure *185 lbs*

Hydraulic Test Pressure *370 lbs*

Date of Hydraulic Test *23-2-10*

" when Safety Valves set *9-3-10*

Pressure on Valves *190 lbs*

Date of Steam Accumulation Test *9-3-10*

Max. Pressure under Accumulation Test *197 lbs*

System of Draught *Natural*

Can Boilers be worked separately? *Yes*

Greatest inside Diam. of Boilers *11'-9 $\frac{3}{16}$ "*

" " Length " *10'-9 $\frac{1}{4}$ "*

Square Feet of Heating Surface, each Boiler *1375 #*

" Grate " " *33.4 #*



© 2021

Lloyd's Register
Foundation

No. of Safety Valves, each Boiler 2
 Diar. " " " 24"
 Area " " " 7.95 sq"
 Are the Valves fitted with Easing Gear? Yes
 No. of Pressure Gauges, each Boiler one
 " Water " " one
 " Test Cocks, " " 2
 " Salinometer Cocks, " " one
 Are Water Gauge Pillars attached by Pipes to Steam and Water Spaces? No
 Are these Pipes connected to Boilers by Cocks or Valves? Yes ✓
 Are Blow-off Cocks or Valves fitted on Boiler Shells? Yes
 No. of Strakes of Shell Plating in each Boiler two
 " Plates in each Strake 2
 Thickness of Shell Plates by Rule
 " " Approved $1\frac{3}{32}$ "
 " " in Boilers $1\frac{3}{32}$ "
 Are the Rivet Holes Punched or Drilled? Drilled
 Are Rivets Iron or Steel? Steel
 Are the Longitudinal Seams Butt or Lap Joints? Butt
 Are the Double Butt Straps of equal width? Yes
 Thickness of outside Butt Straps 1"
 " inside " 1"
 Are Longitudinal Seams Hand or Machine Riveted? Machine
 Are they Single, Double, or Treble Riveted? Treble
 Diar. of Rivet Holes $15/32$ "
 Pitch " 8"
 Width of Overlap $8\frac{1}{2}$ "
 Percentage of Strength in Longitudinal Seams 83.9%



© 2021

Lloyd's Register
Foundation

No. of Rows of Rivets in Centre Circumferential Seams ✓

Are these Seams Hand or Machine Riveted? ✓

Diar. of Rivet Holes ✓

Pitch " ✓

Width of Overlap ✓

No. of Rows of Rivets in End Circumferential Seams 2

Are these Seams Hand or Machine Riveted? Back, machine - Front, hand.

Diar. of Rivet Holes $1\frac{5}{32}$ "

Pitch " $3\frac{1}{2}$ "

Width of Overlap $5\frac{3}{8}$ "

Size of Manholes in Shell and, 16" x 12"

Dimensions of Compensating Rings Plate flanged

Thickness of End Plates in Steam Space by Rule

" " " " " Approved $1\frac{1}{32}$ "

" " " " " in Boilers $1\frac{1}{32}$ "

Pitch of Steam Space Stays $1'-5\frac{1}{8}" \times 1'-3\frac{5}{8}"$

Eff. Diar. " " " by Rule

" " " " " Approved 2.787"

" " " " " in Boilers 2.787"

Material of, " " " Steel

How are Stays Secured? Double nuts washers

Diar. and Thickness of Loose Washers on End Plates $9" \times \frac{1}{4}"$

" " Riveted " " " ✓

Width " " Doubling Strips " " " ✓

Thickness of Middle Back End Plate by Rule

" " " " " Approved $\frac{7}{8}$ "

" " " " " in Boilers $\frac{7}{8}$ "

Thickness of Doubling in Wide Spaces between Firebricks

Thickness of Stay at

The Diar. of Stay by Rule

Approved

in Boilers

Material

Are Stays Attached with Nuts outside?

Thickness of Back End Plates at Bottom by Rule

Approved

in Boilers

Thickness of Doubling in

Thickness of Front End Plates at Bottom by Rule

Approved

in Boilers

No. of Long Stays in Spaces between Firebricks

The Diar. of Stay by Rule

Approved

in Boilers

Material of

Thickness of Front Top Plate by Rule

Approved

in Boilers

Thickness of Doubling in



© 2021
Lloyd's Register
Foundation

Thickness of Doublings in Wide Spaces between Fireboxes

Pitch of Stays at " " " " "

Eff. Diar. of Stays by Rule

" " " Approved

" " " in Boilers

Material " "

Are Stays fitted with Nuts outside?

Thickness of Back End Plates at Bottom by Rule

" " " " " Approved

" " " " " in Boilers

Pitch of Stays at Wide Spaces between Fireboxes

Thickness of Doublings in " " "

Thickness of Front End Plates at Bottom by Rule

" " " " " Approved

" " " " " in Boilers

No. of Long. Stays in Spaces between Furnaces

Eff. Diar. of Stays by Rule

" " " " " Approved

" " " " " in Boilers

Material of " "

Thickness of Front Tube Plates by Rule

" " " " " Approved

" " " " " in Boilers

Pitch of Stay Tubes at Spaces between Stacks of Tubes

Thickness of Doublings in " " "

" Stay Tubes at " " "

✓
14 7/8" x 9 3/8"

1. 8875

1. 9875

Steel

Yes

2 7/8"

13 7/16"
13 7/16"
3

1. 787"

1. 787"

Steel

13 7/16"
13 7/16"

14 1/2" x 9"

13 7/16"
3/8"

Are Stay Tubes fitted with Nuts at Front End?

Thickness of Back Tube Plates by Rule

Approved " " "

" " " in Boilers

Pitch of Stay Tubes in Back Tube Plates

Thickness of Stay Tubes

" " "

Efficient Diam. of Tubes

Material

Thickness of Furnace Plates by Rule

Approved " " "

" " " in Boilers

Smallest outside Diam. of Furnaces

Length between Tube Plates

Width of Combustion Chamber (Front to Back)

Thickness of Top by Rule

Approved " " "

" " " in Boilers

Thick. of Section Stays in C.C. Tops

Eff. Diam. " " "

Approved " " "

" " " in Boilers

© 2021

Lloyd's Register Foundation



where necessary

14 x 9
14 x 9
14 x 9

13 7/16
13 7/16
3

1. 787
1. 787
Steel

13 7/16
13 7/16
14 1/2 x 9
13 7/16
3/8

Are Stay Tubes fitted with Nuts at Front End?

Where necessary

Thickness of Back Tube Plates by Rule

" " " Approved

" " " in Boilers

Pitch of Stay Tubes in Back Tube Plates

Plain

Thickness of Stay Tubes

" Plain "

External Diar. of Tubes

Material " "

$\frac{3}{4}$ "
 $\frac{3}{4}$ "
 $4\frac{1}{2} \times 4\frac{1}{2}$ "
 $13\frac{1}{2} \times 9 \times 9$ "
 $\frac{5}{16}$ "
 8 W.G.
 $\frac{3}{4}$ "
 Iron

Thickness of Furnace Plates by Rule

" " " Approved

" " " in Boiler

Smallest outside Diar. of Furnaces

Length between Tube Plates

$17\frac{1}{32}$ "
 $17\frac{1}{32}$ "
 $3' - 4\frac{3}{16}$ "
 $7' - 6$ over.

Width of Combustion Chambers (Front to Back)

Thickness of " " Tops, by Rule,

" " " " Approved

" " " " in Boilers

Pitch of Screwed Stays in C.C. Tops

Eff. Diar. " " by Rule

" " " Approved

" " " in Boilers

Material " "

$2' - 7\frac{1}{2}$ over

$\frac{3}{4}$ "
 $\frac{13}{16}$ "
 $9\frac{1}{2} \times 8\frac{3}{4}$ "

1.5085"

1.5085"

Steel

Thickness of Combustion Chamber Sides by Rule

Thickness of Combustion Chamber Sides Approved

" " " in Boilers

Pitch of Screwed Stays in C.C. Sides

Eff. Diar. " " by Rule

Approved " " " in Boilers

Material " " " in Boilers

Thickness of Combustion Chamber Sides by Rule

Approved " " " in Boilers

Material " " " in Boilers

Pitch of Screwed Stays in C.C. Sides

Eff. Diar. " " by Rule

Approved " " " in Boilers

Material " " " in Boilers

Are all screw stays fitted with Nuts inside C.C.

Thickness of Combustion Chamber Bottoms

No. of Stays over each Water Chamber

Centre " " " in Boilers

Diam. and Thickness of Stays

Pitch of Stays

No. of Stays in each



© 2021

Lloyd's Register
Foundation

Thickness of Combustion Chamber Sides Approved

" " " " in Boilers

Pitch of Screwed Stays in C.C. Sides

Eff. Diar. " " by Rule

" " " Approved

" " " in Boilers

Material " "

Thickness of Combustion Chamber Backs by Rule

" " " " Approved

" " " " in Boilers

Pitch of Screwed Stays in C.C. Backs

Eff. Diar. " " by Rule

" " " Approved

" " " in Boilers

Material " "

Are all Screwed Stays fitted with Nuts inside C.C.

Thickness of Combustion Chamber Bottoms

No. of Girders over each Wing Chamber

" " " Centre "

Depth and Thickness of Girders

Material of Girders

No. of Stays in each

No. of Stay Tubes, each Boiler

" " Plain " " "

Size of lower Manholes

$$\frac{3}{4}''$$

$$\frac{13}{16}''$$

$$10\frac{1}{4}'' \times 9\frac{1}{2}''$$

$$1.6335''$$

$$1.6335''$$

Steel

$$\frac{13}{16}''$$

$$\frac{13}{16}''$$

$$11\frac{7}{8}'' \times 9\frac{3}{8}''$$

$$1.7585''$$

$$1.7585''$$

Steel

Yes

$$\frac{13}{16}''$$

5

$$8'' \times 2 @ \frac{3}{4}''$$

Steel

2

50

170

16" x 12"

VERTICAL DONKEY-BOILERS

If the Donkey boiler are Vertical the following particulars should be stated in addition to those on

previous pages applicable to such boilers—

Type of boiler

Height of Boiler Crown above Fire Grate

Are Boiler Crown Flat or Dished?

Internal Radius of Dished Ends

Description of Beams in Boiler Crown

Dist. of Brick Hoops

Height of Firebox Crown above Fire Grate

Are Firebox Crown Flat or Dished?

External Radius of Dished Crown

No. of Crown stays

Material

External Dist. of Firebox at Top

No. of Water Tubes

Lat. Diar.

Material of Water Tubes

No. of Screwed Stays in Firebox Sides

No. Diar.

Material

Are they fitted with Nuts inside?

Outside?

SUPERHEATERS

Description of Superheaters

Where situated

Which boiler are connected to Superheaters?

Can Superheaters be shut off while boiler is working?

No. of Safety Valves on Superheaters

Date of last test

Lloyd's Register
Foundation

© 2021

MAIN STEAM PIPES.

No. of Lengths	1	2		
Material	Copper	Copper		
Brazed, Welded, or Seamless	Seamless	Seamless		
Internal Diam.	4 3/4"	3 1/2"		
Thickness	5 N.G.	8 N.G.		
How are Flanges Secured?	Brazed	Brazed		
Date of Hydraulic Test	2-3-10	2-3-10		
Test Pressure	400 lbs.	400 lbs.		

REFRIGERATORS.

No. of Machines	Makers	Capacity of Plant

Description	Capacity of Plant

When any part of the Vessel is to be used for the Carriage of Refrigerated Cargo the following particulars should be stated:—

Total Cubic Capacity of Refrigerated Spaces

Nature, Construction, Thickness, &c., of Insulation

Are all Pipes, Air Trunks, &c., well secured and protected from risk of damage?

Are all Bilge Suction, Sounding, and Air Pipes in Insulated Spaces properly insulated?

Are Thermometer Tubes so arranged that Water cannot enter and freeze in the Tubes?

Are Sluice Valves fitted on any of the Bulkheads of Insulated Spaces?

Are these fitted with Brass Non-return Valves?

Are they always accessible?

Are the Bilges and Bilge Rose Boxes always accessible?

Are the Steam Suctions to Bilges fitted with Non-return Valves?

Is the Machine Room effectively separated from Insulated Spaces?

Is the Machine Room properly Ventilated and Drained?

No. of Steam Cylinders, each Machine Diars.

" Compressors, " " "

Diam. of Crank Shafts " " " No. of Cranks " " "

Give particulars of Pumps in connection with Refrigerating Plant, and state whether worked by

Refrigerating Machines or independently

No. of Cranks to which Suctions are attached in Main Steam Space

Particulars of these Cranks

No. of Cranks	Particulars	Capacity	Pressure	Temperature	Time	Result
1	Port	12	6.1	7/100	1050	99% cooling
2	Star	12	5.5		950	
3	Star	12	5.5		900	
4	Star	12	5.5		850	
5	Star	12	5.5		800	
6	Star	12	5.5		750	
7	Star	12	5.5		700	
8	Star	12	5.5		650	
9	Star	12	5.5		600	
10	Star	12	5.5		550	

Are Brine and other Regulating Valves placed so as to be accessible without entering the Insulated Spaces?

Date of Test under Working Conditions

Fall of Temperature in Insulated Spaces

Time required to obtain this Result

Articles of Spare Gear for Refrigerating Plant carried on board



© 2021

Lloyd's Register
Foundation

SKETCHES.

Is the Machine Room electrically separated from Insulated Spaces?

Are the Machines properly ventilated and drained?

No. of Steam Cylinders, each Machine

No. of Compressors

Disc of Crank Shafts

Give Particulars of Pumps in connection with Refrigerating Plant, and state whether working by

Refrigerating Machines or independently

Date of Present Test

Test Reference

REFRIGERATORS

No. of Machines

Make

Description

Date of Test under Working Conditions

Temp. of the Refrigerant in Insulated Spaces

Temp. required to obtain this result

Articles of Spare Gear for Refrigerating Plant carried on board

ELECTRIC LIGHTING.

Installation: Fitted by *Sunderland Forge Eng. Co Ltd*

No. and Description of Dynamos *1 Multipolar, compound wound*

Makers of Dynamos *Sunderland Forge Eng. Co Ltd*

Capacity *73* Amperes, at *110* Volts, *575* Revols. per Min.

Current Alternating or Continuous *Continuous*

Position of Dynamos *Tween deck in engine room*

" " *Main Switch Board* *Close to dynamo*

No. of Circuits to which Switches are provided on Main Switch Board

Particulars of these Circuits:—

No. of Circuit.	Name of Circuit.	Number of Lights.	Candle Power.	Current Required. Amps.	Size of Conductor.	Current Density.	Conductivity of Conductor.	Insulation Resistance per Mile.
1	<i>Owner</i>							
	<i>Captain</i>	12	16	6.1	7/20½	1050	99%	<i>600 meg</i>
2	<i>Males</i>	11	16	5.5	"	950	"	"
	<i>Crew</i>							
3	<i>Gas light</i>	11	16	5.5	"	950	"	"
4	<i>Salon</i>	11	16	5.5	"	950	"	"
	<i>Sanitary</i>							
5	<i>Engineers</i>	12	16	6.1	"	1050	"	"
6	<i>Upper ER.</i>	10	16	5.1	"	850	"	"
7	<i>Lower ER.</i>	10	16	5.1	"	850	"	"
8	<i>Deck</i>	10	16	5.1	"	850	"	"
9	<i>Hold</i>	12	16	6.1	"	1050	"	"
10	<i>Spare</i>							

Total No. of Lights *99* No. of Motors driving Fans, &c. No. of Heaters

Current required for Motors and Heaters

© 2021

Lloyd's Register
Foundation

EVAPORATORS.

No. _____ Type _____ Tons per Da _____
 Makers _____
 Working Pressure _____ Test Pressure _____ Date of Test _____
 Date of Test of Safety Valves under Steam _____

FEED WATER HEATERS. *clears*

No. *one* Type *Vertical*
 Makers *N. S. Marine Eng. Co. Ld.*
 Working Pressure *185 lbs* Test Pressure *400 lbs* Date of Test _____

DONKEY

No. of Donkeys *one* Feed
 Type *Horizontal*
 Makers *Worthington*
 Single or Duplex *Duplex*
 " Double-Acting *Double*
 Diam. of Steam Cylinders *9"*
 " Pumps *5 1/4"*
 Stroke of " *10"*
 Where do they pump from? *Sea, Hotwell, Boilers, Tanks.*
 Where do they discharge to? *Boilers, Deck, Ash ejector.*
 Capacity, Tons per Hour of Ballast Donkey *80* Diam. of Pipe required by Rule for

FEED WATER FILTERS.

No. _____ Type _____ Size _____
 Makers _____
 Working Pressure _____ Test Pressure _____ Date of Test _____

FORCED DRAUGHT FANS.

No. of Fans _____ Diam. _____ Revols. per min. _____
 How are Fans driven? _____

PUMPS.

one Ballast. *one* Sanitary.
 Horizontal Horizontal
 N. S. Marine Worthington
 Duplex Duplex
 Double Double
 6" 4 1/2"
 7" 7 3/4"
 9" 4"
 Tanks, Bilges, Sea Tanks
 Sea Tanks
 Condenser, Sanitary and
 overboard. Fresh Water Tanks
 largest Ballast Tank *4"* Velocity of Water in Pipe *535 ft per min.*

© 2021

LR Register
Foundation

SPARE GEAR.

No. of Top End Bolts	2	No. of Bot. End Bolts	2
" Main Bearing Bolts	2	" Coupling Bolts	1 set
" Cylr. Cover Bolts Studs	12	" Valve Chest Cover Bolts Studs	
" Feed Pump Valves	2	" Bilge Pump Valves	2
" Safety Valve Springs	2	" Fire Bars	4 set
" Piston Rings	✓	" Junk Ring Bolts Studs	✓
" Piston Rods	✓	" Connecting Rods	✓
" Valve Spindles	✓	" Air Pump "	✓
" Air Pump Valves	✓	" " " Buckets	✓
" Crank Pin Bushes	✓	" Crosshead Bushes	✓
" Crank Shafts	✓	" Propeller Shafts	✓
" Propellers	2	" " Blades	✓
" Boiler Tubes	✓	" Condenser Tubes	6

OTHER ARTICLES OF SPARE GEAR:-

10 assorted bolts & nuts
 50 condenser ferrules
 1/2 cwt. cast iron plates
 1/2 iron bars

GENERAL CONSTRUCTION.

Have all the Requirements under Sections 31 and 32 of the Rules been complied with? *Yes*

If not, give details of the points of difference, and state when these were sanctioned by the Chief

Surveyor

Are the Steam Pumping Arrangements in accordance with the approved Plan? *Yes*

If not, state in what respects they differ and when such differences were sanctioned by the Chief

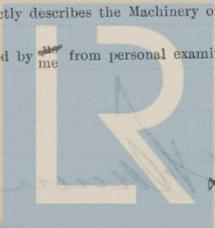
Surveyor

Are the Materials used in the Construction of Engines and Boilers, so far as could be seen, sound and trustworthy? *Yes*

Is the Workmanship throughout thoroughly satisfactory? *Yes*

The above correctly describes the Machinery of the S.S. *Saskatoon*

as ascertained by *me* from personal examination.


 Lloyd's Register
 Engineer Surveyor to the British Corporation for the
 Survey and Registry of Shipping.

Fees--

MAIN BOILERS.

H.S. Sq. ft. 13 : 0 : 0

G.S. : : :

DONKEY BOILERS.

H.S. Sq. ft. : : :

G.S. : : :

£ 13 : 0 : 0

ENGINES.

L.P.C. Cub. ft. 10 : 0 : 0

£ : : :

Testing, &c. : : :

£ : : :

Expenses ... : : :

Total ... £ 23 : 0 : 0

It is submitted that this Report be approved.

11-5-10

W. J. King
Chief Surveyor.

Approved by the Committee, for the Class of M.B.S.*
on the 11th May 1910.

Fees applied for 15-4-10

Fees paid 15-4-10

Robert Manning
Secretary.



© 2021

Lloyd's Register
Foundation

THIS DEPARTMENT

1915 12 0 0

U.S.

U.S. DEPARTMENT OF COMMERCE

U.S. CUSTOMS SERVICE

U.S.

1915 12 0 0

Imports

1915 10 0 0

Imports of merchandise from the United States and possessions thereof

Exports

1915 23 0 0

It is submitted that this Report is approved.

11-5-15

W. S. Key
Chief Clerk

Approved by the Comptroller for the Class of m.B.S.
on the 11th May 1915

Printed and bound by 185-34-10

Printed 185-34-10

W. S. Key
Secretary



© 2021

Lloyd's Register
Foundation



© 2021

Lloyd's Register
Foundation



© 2021

Lloyd's Register
Foundation



© 2021

Lloyd's Register
Foundation