

TRANSFERRED TO
L. R. SYSTEM

No. 1990

THE BRITISH CORPORATION FOR THE SURVEY
AND
REGISTRY OF SHIPPING.

Report No. *1758* No. in Register Book *3048*

TRANSFERRED TO
L. R. SYSTEM

S.S. *"Alice"*

Makers of Engines *Offenburger Eisenwerk AG
Hamburg*

Works No.

Makers of Main Boilers *Offenburger Eisenwerk AG
Hamburg*

Works No. *4164-4165*

Makers of Donkey Boiler

Works No.

MACHINERY.



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028129-008136-0114

No.

THE BRITISH CORPORATION FOR THE SURVEY

AND

REGISTRY OF SHIPPING.

Report No. 1758 No. in Register Book 3048

Received at Head Office

23rd October 1924

Surveyor's Report on the Petrol Engines, Boilers, and Auxiliary Machinery of the *Single Screw Steamer*

"Alice"

Official No.

Port of Registry

Registered Owners

Engines Built by

at

Main Boilers Built by

at

Donkey

at

Date of Completion

First Visit

Last Visit

Total Visits

14/5-24
1/2 23 4/5 24 20

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RECIPROCATING ENGINES.

Works No. *1160* No. of Sets *1* Description *Triple expansion.*

No. of Cylinders each Engine *3* No. of Cranks *3*
 Diars of Cylinders *15 3/4' x 25 5/8' x 41 3/8'* Stroke *26 3/4'*
 Cubic feet in each L.P. Cylinder *20.8*

Are Spring-loaded Relief Valves fitted to Top and Bottom of each Cylr.?

" " " each Receiver?

Type of H.P. Valves,

" 1st I.P. "

" 2nd I.P. "

" L.P. "

" Valve Gear

" Condenser

Diameter of Piston Rods (plain part)

Material

Diar. of Connecting Rods (smallest part)

" Crosshead Gudgeons

Length of Bearing

Material

No. of Crosshead Bolts (each)

Diar. over Thrd.

Thrds. per inch

Material

" Crank Pin " "

" Main Bearings

Lengths

" Bolts in each

Diar. over Thread

Threads per inch

Material

" Holding Down Bolts, each Engine

Diar.

No. of Metal Chocks

Are the Engines bolted to the Tank Top or to a Built Seat?

Are the Bolts tapped through the Tank Top and fitted with Nuts Inside?

If not, how are they fitted?

Connecting Rods, Forged by

Piston " "

Crossheads,

Connecting Rods, Finished by

Piston " "

Crossheads,

Date of Harbour Trial

" Trial Trip

Trials run at

Were the Engines tested to full power under Sea-going conditions?

If so, what was the I.H.P.?

Pressure in 1st I.P. Receiver, *178* lbs., 2nd I.P., *43* lbs., L.P., *6* lbs., Vacuum, *25* ins.

Speed on Trial

If the Conditions on Trial were such that full power records were not obtained give the following estimated

data:—

Builders' estimated I.H.P.

Estimated Speed

Revs. per min.



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TURBINE ENGINES

Works No.	Type of Turbines	No. of L.P.	No. of A.S.P.
No. of H.P. Turbines	No. of I.P.	No. of L.P.	No. of A.S.P.
Are the Propeller Shafts driven direct by the Turbines or through Gearing?			
Is Single or Double Reduction Gear employed?			
Di. of 1st Reduction Pinion	}	Width	Pitch of Teeth
" 1st " Wheel			
Estimated Pressure per lineal inch			
Di. of 2nd Reduction Pinion	}	Width	Pitch of Teeth
" 2nd " Wheel			
Estimated Pressure per lineal inch			
Revs. per min. of H.P. Turbines at Full Power		S.H.P.	
" " L.P. " "			
" " 1st Reduction Shaft			
" " 2nd " "			
" " Propeller Shaft			
Total Shaft Horse Power			
Date of Harbour Trial			
" Trial Trip			
Trials run at			
Speed on Trial	Knots.	Propeller Revs. per min.	S.H.P.
Turbine Spindles forged by			
" Wheels forged or cast by			
Reduction Gear Shafts forged by			
" Wheels forged or cast by			

DESCRIPTION OF INSTALLATION.

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No. of Turbo-Generating Sets	Capacity of each
1	1000
2	1000
3	1000
4	1000
5	1000
6	1000
7	1000
8	1000
9	1000
10	1000
11	1000
12	1000
13	1000
14	1000
15	1000
16	1000
17	1000
18	1000
19	1000
20	1000
21	1000
22	1000
23	1000
24	1000
25	1000
26	1000
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41	1000
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79	1000
80	1000
81	1000
82	1000
83	1000
84	1000
85	1000
86	1000
87	1000
88	1000
89	1000
90	1000
91	1000
92	1000
93	1000
94	1000
95	1000
96	1000
97	1000
98	1000
99	1000
100	1000

Type of Turbines employed

Description of Generators

No. of Motors driving Propeller Shafting

Are the Propeller Shafts driven direct by the Motors or through Gearing?

Is Single or Double Reduction Gear employed?

Description of Motors

Diam. of 1st Reduction Pinion		} Width	Pitch of Teeth
1st	Wheel		

Estimated Pressure per lineal inch

Diam. of 2nd Reduction Pinion	}	Width	Pitch of Teeth
2nd Wheel			

Estimated Pressure per lineal inch

Revol. per min. of Generators at Full Power

	"	Motors	"
"	"	1st Reduction Shaft	
"	"	2nd	"
"	"	Propellers at Full P	

Total Shaft Horse Power

Date of Harbour Trial

11 Trial Trip

Trials run at

Speed on Trial	Knots.	Propeller Revols. per min.	S.H.P.
10.0	10.0	100	100
11.0	11.0	110	121
12.0	12.0	120	144
13.0	13.0	130	169
14.0	14.0	140	196
15.0	15.0	150	225
16.0	16.0	160	256
17.0	17.0	170	289
18.0	18.0	180	324
19.0	19.0	190	361
20.0	20.0	200	400
21.0	21.0	210	441
22.0	22.0	220	484
23.0	23.0	230	529
24.0	24.0	240	576
25.0	25.0	250	625
26.0	26.0	260	676
27.0	27.0	270	729
28.0	28.0	280	784
29.0	29.0	290	841
30.0	30.0	300	900
31.0	31.0	310	961
32.0	32.0	320	1024
33.0	33.0	330	1089
34.0	34.0	340	1156
35.0	35.0	350	1225
36.0	36.0	360	1296
37.0	37.0	370	1369
38.0	38.0	380	1444
39.0	39.0	390	1521
40.0	40.0	400	1600
41.0	41.0	410	1681
42.0	42.0	420	1764
43.0	43.0	430	1849
44.0	44.0	440	1936
45.0	45.0	450	2025
46.0	46.0	460	2116
47.0	47.0	470	2209
48.0	48.0	480	2304
49.0	49.0	490	2401
50.0	50.0	500	2500
51.0	51.0	510	2601
52.0	52.0	520	2704
53.0	53.0	530	2809
54.0	54.0	540	2916
55.0	55.0	550	3025
56.0	56.0	560	3136
57.0	57.0	570	3249
58.0	58.0	580	3364
59.0	59.0	590	3481
60.0	60.0	600	3600
61.0	61.0	610	3721
62.0	62.0	620	3844
63.0	63.0	630	3969
64.0	64.0	640	4096
65.0	65.0	650	4225
66.0	66.0	660	4356
67.0	67.0	670	4489
68.0	68.0	680	4624
69.0	69.0	690	4761
70.0	70.0	700	4900
71.0	71.0	710	5041
72.0	72.0	720	5184
73.0	73.0	730	5329
74.0	74.0	740	5476
75.0	75.0	750	5625
76.0	76.0	760	5776
77.0	77.0	770	5929
78.0	78.0	780	6084
79.0	79.0	790	6241
80.0	80.0	800	6400
81.0	81.0	810	6561
82.0	82.0	820	6724
83.0	83.0	830	6889
84.0	84.0	840	7056
85.0	85.0	850	7225
86.0	86.0	860	7396
87.0	87.0	870	7569
88.0	88.0	880	7744
89.0	89.0	890	7921
90.0	90.0	900	8100
91.0	91.0	910	8281
92.0	92.0	920	8464
93.0	93.0	930	8649
94.0	94.0	940	8836
95.0	95.0	950	9025
96.0	96.0	960	9216
97.0	97.0	970	9409
98.0			

Generators

Meters

Reduction Gear

Turbine Spindles forged by

Wheels forged or cast by

Reduction Gear Shafts forged by

Wheels forged or cast by

DESCRIPTION OF INSTALLATION.

SHAFTING.

Are the Crank Shafts Built or Solid?

Quill

No. of Lengths in each

1/2

Angle of Cranks

120°

Diar. by Rule

Actual

In Way of Webs

" of Crank Pins

Length between Webs

Greatest Width of Crank Webs

Thickness

Least " "

" "

Diar. of Keys in Crank Webs

Length

" Dowels in Crank Pins

Length

Screwed or Plain

No. of Bolts each Coupling

Diar. at Mid Length

Diar. of Pitch Circle

Greatest Distance from Edge of Main Bearing to Crank Web

Type of Thrust Blocks

Michell

No. " Rings

Diar. of Thrust Shafts at bottom of Collars

8 1/16"

No. of Collars

1

" " Forward Coupling

Forward Coupling

8 1/16"

At Aft Coupling

8 1/16"

Diar. of Intermediate Shafting by Rule

Actual

7 1/16"

No. of Lengths

4

No. of Bolts, each Coupling

6

Diar. at Mid Length

2"

Diar. of Pitch Circle

12 7/32"

Diar. of Propeller Shafts by Rule

Actual

10 3/8 - 9 3/4"

At Couplings

8 1/16"

Are Propeller Shafts fitted with Continuous Brass Liners?

No

Diar. over Liners

Length of After Bearings

4'-0"

Of what Material are the After Bearings composed?

White metal

Are Means provided for lubricating the After Bearings with Oil?

Yes

" " to prevent Sea Water entering the Stern Tubes?

to prevent Sea Water entering the Stern Tubes?

Yes

If so, what Type is adopted?

Cedermall Wax

SKETCH OF CRANK SHAFT.

A. Worring 27-2-23
2 1/2 - 62905
2 1/2 - 2 1/2

N. 4 - 24
G. E. B.



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BOILERS.

Works No. *4164 4165*

No. of Boilers *2* Type *horizontal return tubular boiler*

Single or Double-ended *Single-ended*

No. of Furnaces in each *2*

Type of Furnaces *Mauisens*

Date when Plan approved.

Approved Working Pressure *185 lbs. p. 29 inches*

Hydraulic Test Pressure *535 lbs.*

Date of Hydraulic Test

„ when Safety Valves set *13/5 20*

Pressure at which Valves were set *185 lbs.*

Date of Accumulation Test *15/5 20*

Maximum Pressure under Accumulation Test *198 lbs.*

System of Draught *Natural*

Can Boilers be worked separately? *Yes*

Makers of Plates

„ Stay Bars *See report from Hamburg*

„ Rivets

„ Furnaces

Greatest Internal Diam. of Boilers *10'-6"*

„ „ Length „ *10'-6"*

Square Feet of Heating Surface each Boiler *1022*

„ „ Grate „ „ *26.4*

No. of Safety Valves each Boiler *2*

Are the Safety Valves fitted with Easing Gear? *Yes*

No. of Pressure Gauges, each Boiler *2*

„ Test Cocks „ *2*

No. of Water Gauges *2*

„ „ Salinometer Cocks

Handwritten notes and stamps on page 15, including a date stamp '26. 3. 20' and various illegible markings.

Handwritten notes and stamps on page 15, including a date stamp '26. 3. 20' and various illegible markings.

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Are the Water Gauges fitted direct to the Boiler Shells or mounted on Pillars? *Mounted on*

Are the Water Gauge Pillars fitted direct to the Boiler Shells or connected by Pipes? *connected*

Are these Pipes connected to Boilers by Cocks or Valves? *Cocks*

Are Blow-off Cocks or Valves fitted on Boiler Shells? *Blow off valve on*

No. of Strakes of Shell Plating in each Boiler *1*

Plates in each Strake

Thickness of Shell Plates Approved

in Boilers *23 mm*

Are the Rivets Iron or Steel?

Are the Longitudinal Seams Butt or Lap Joints? *Butt joint*

Are the Butt Straps Single or Double? *Double*

Are the Double Butt Straps of equal width? *Yes*

Thickness of outside Butt Straps *18 mm*

inside *18 mm*

Are Longitudinal Seams Hand or Machine Riveted?

Are they Single, Double, or Treble Riveted? *Treble Riveted*

No. of Rivets in a Pitch

Diar. of Rivet Holes *28 mm* Pitch *88 mm*

No. of Rows of Rivets in Centre Circumferential Seams

Are these Seams Hand or Machine Riveted?

Diar. of Rivet Holes Pitch

No. of Rows of Rivets in Front End Circumferential Seams *2*

Are these Seams Hand or Machine riveted?

Diar. of Rivet Holes *28 mm* Pitch *92 mm*

No. of Rows of Rivets in Back End Circumferential Seams *2*

Are these Seams Hand or Machine Riveted?

Diar. of Rivet Holes *28 mm* Pitch *92 mm*

Size of Manholes in Shell *300 x 400 mm*

Dimensions of Compensating Rings

*pillars
by pipes
Boiler Shell*



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Thickness of End Plates in Steam Space Approved

" " " " " in Boilers

Pitch of Steam Space Stays

Diar. " " " " Approved

Threads per Inch

" " " " " in Boilers

Material of " " "

How are Stays Secured?

Diar. and Thickness of Loose Washers on End Plates

" " " Riveted " " "

Width " " Doubling Strips "

Thickness of Middle Back End Plates Approved

" " " " " in Boilers

Thickness of Doublings in Wide Spaces between Fireboxes

Pitch of Stays at

Diar. of Stays Approved

Threads per Inch

" " " in Boilers

Material "

Are Stays fitted with Nuts outside?

Thickness of Back End Plates at Bottom Approved

" " " " " in Boilers

Pitch of Stays at Wide Spaces between Fireboxes

Thickness of Doublings in " "

Thickness of Front End Plates at Bottom Approved

" " " " " in Boilers

No. of Longitudinal Stays in Spaces between Furnaces

Diar. of Stays Approved

" " " " " in Boilers

Material "

Thickness of Front End Plates Approved

" " " " " in Boilers

Pitch of Stay Tubes at Spaces between

Thickness of Doublings in

Stay Tubes at

Are Stay Tubes fitted with Nuts at Front End?

Thickness of Back End Plates Approved

" " " " " in Boilers

Pitch of Stay Tubes in Back End Plates

" " " " "

Thickness of Stay Tubes

Plate " "

External Diam. of Tubes

Material

Thickness of Furnace Plates Approved

" " " " " in Boilers

Closest outside Diam. of Furnaces

Length between Tube Plates

Width of Combustion Chamber (front to back)

Thickness of

Pitch of Riveted Stays in C.C. Tube

Diar. of Stays Approved Threads per Inch

" " in Boilers

73 mm.

6

Material "

Thickness of Front Tube Plates Approved

" " " " in Boilers

26.5 mm.

Pitch of Stay Tubes at Spaces between Stacks of Tubes

Thickness of Doublings in

" Stay Tubes at

Are Stay Tubes fitted with Nuts at Front End?

No.

Thickness of Back Tube Plates Approved

" " " in Boilers

20 mm.

Pitch of Stay Tubes in Back Tube Plates

230 mm

" Plain "

115 mm

Thickness of Stay Tubes

7.8 and 11 mm

" Plain "

External Diar. of Tubes

83 mm.

Material "

Iron

Thickness of Furnace Plates Approved

" " " in Boilers

13

Smallest outside Diar. of Furnaces

1050 mm

Length between Tube Plates

2250 mm

Width of Combustion Chambers (Front to Back)

650 mm.

Thickness of " " Tops Approved

" " " in Boilers

18 mm.

Pitch of Screwed Stays in C.C. Tops



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Diar. of Screwed Stays Approved

Threads per Inch

" " " in Boilers 3 1/2 mm
 Material " " S. M. Steel

Thickness of Combustion Chamber sides Approved

" " " " in Boilers 18 mm
 Pitch of Screwed Stays in C.C. Sides 205 mm

Diar. " " Approved

Threads per Inch

" " " in Boilers 3 1/2 mm
 Material " " S. M. Steel

Thickness of Combustion Chamber Backs Approved

" " " " in Boilers 18 mm
 Pitch of Screwed Stays in C.C. Backs 190-200 mm

Diar. " " Approved

Threads per Inch

" " " in Boilers 3 1/2 mm. = 44.02 mm
 Material " " S. M. Steel

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

Thickness of Combustion Chamber Bottoms

No. of Girders over each Wing Chamber

" " " Centre " 5
 Depth and Thickness of Girders 2 off 200 x 14

Material of Girders

No. of Stays in each

No. of Tubes, each Boiler

Size of Lower Manholes

130
 200 x 400 mm.

VERTICAL DONKEY BOILERS.

No. of Boilers 1
 Greatest Int. Diam. 180 mm
 Height 1800 mm
 Height of Boiler Crown above Fire Grate 1800 mm
 Air Boiler Crown Flat or Dished? Flat
 Internal Radius of Dished Ends 1800 mm
 Description of Seams in Boiler Crown 1800 mm
 Diam. of Live Holes 1800 mm
 Height of Firebox Crown above Fire Grate 1800 mm
 Air Firebox Crown Flat or Dished? Flat
 Internal Radius of Dished Crown 1800 mm
 No. of Crown Stays 1800 mm
 Material 1800 mm
 Thickness of Plates 1800 mm
 Bottom 1800 mm
 No. of Water Tubes 1800 mm
 Material of Water Tubes 1800 mm
 Size of Manhole in Shell 1800 mm
 Dimensions of Combustion Ring 1800 mm
 Heating Surface each Boiler 1800 mm

SUPERHEATERS

Description of Superheaters

Where situated?

When Boilers are connected to Superheaters?

Can Superheaters be shut off while Boilers are working?

No. of Safety Valves on each Superheater

Date of Reboiling Test

Date when Safety Valves set

Pressure on Valves



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VERTICAL DONKEY BOILERS.

No. of Boilers *None* Type _____
 Greatest Int. Diar. _____ Height _____
 Height of Boiler Crown above Fire Grate _____
 Are Boiler Crowns Flat or Dished? _____
 Internal Radius of Dished Ends _____ Thickness of Plates _____
 Description of Seams in Boiler Crowns _____
 Diar. of Rivet Holes _____ Pitch _____ Width of Overlap _____
 Height of Firebox Crowns above Fire Grate _____
 Are Firebox Crowns Flat or Dished? _____
 External Radius of Dished Crowns _____ Thickness of Plates _____
 No. of Crown Stays _____ Diar. _____ Material _____
 External Diar. of Firebox at Top _____ Bottom _____ Thickness of Plates _____
 No. of Water Tubes _____ Ext. Diar. _____ Thickness _____
 Material of Water Tubes _____
 Size of Manhole in Shell _____
 Dimensions of Compensating Ring _____
 Heating Surface, each Boiler _____ Grate Surface _____

SUPERHEATERS.

Description of Superheaters

Schmidt's

Where situated?

In firetubes

Which Boilers are connected to Superheaters?

The main-boilers

Can Superheaters be shut off while Boilers are working?

Yes

No. of Safety Valves on each Superheater

Diar. *2"*

Are " " fitted with Easing Gear?

Yes

Date of Hydraulic Test

Test Pressure

550 lbs

Date when Safety Valves set

Pressure on Valves

*180 lbs**13/5/24*

MAIN STEAM PIPES.

No. of Pipes _____
 Material _____
 Diameter, Width or Section _____
 Internal Diar. _____
 Thickness _____
 How are Flanges secured? _____
 Date of Hydraulic Test _____
 Test Pressure _____
 No. of Pipes _____
 Material _____
 Diameter, Width or Section _____
 Internal Diar. _____
 Thickness _____
 How are Flanges secured? _____
 Date of Hydraulic Test _____
 Test Pressure _____
 No. of Pipes _____
 Material _____
 Diameter, Width or Section _____
 Internal Diar. _____
 Thickness _____
 How are Flanges secured? _____
 Date of Hydraulic Test _____
 Test Pressure _____

4169
 B. Q. C.
 18-2-25

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MAIN STEAM PIPES.

No. of Lengths

Material

Brazed, Welded or Seamless

Internal Diam.

Thickness

How are Flanges secured?

Date of Hydraulic Test

Test Pressure

Steel
Copper
3/4"

4 mm

rolled

555 lbs. p. 14

No. of Lengths

Material

Brazed, Welded or Seamless

Internal Diam.

Thickness

How are Flanges secured?

Date of Hydraulic Test

Test Pressure

No. of Lengths

Material

Brazed, Welded or Seamless

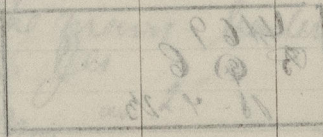
Internal Diam.

Thickness

How are Flanges secured?

Date of Hydraulic Test

Test Pressure



7-2-24. 39 kg
G.E.P.D.

30-2-24. 39 kg.
G.E.P.D.



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No. of Top End Bolts.	No. of Bot. End Bolts.	No. of Cylinder Cover Studs
" Coupling Bolts 6	" Main Bearing Bolts 2	" Valve Chest "
" Junk Ring Bolts 6	" Feed Pump Valves 1	" Bilge Pump Valves 1
" H.P. Piston Rings 2	" I.P. Piston Rings 2	" L.P. Piston Rings
" " Springs	" " Springs	" " Springs
" Safety Valve 1	" Fire Bars 54	" Feed Check Valves
" Piston Rods	" Connecting Rods	" Valve Spindles
" Air Pump Rods	" Air Pump Buckets	" Air Pump Valves /sel
" Cir. "	" Cir. "	" Cir. " /sel
" Crank Shafts	" Crank Pin Bushes 1	" Crosshead Bushes 1
" Propeller Shafts	" Propellers 1	" Propeller Blades
" Boiler Tubes 12	" Condenser Tubes 6	" Condenser Ferrules 12

OTHER ARTICLES OF SPARE GEAR:—

OTHER ARTICLES OF SPARE GEAR:—
25 off Gunrocks fine bars
6 " Water gauge glasses

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ELECTRIC LIGHTING

Installation Fitted by

No. and Description of Dynamos

Makers of Dynamos

Capacity	"	Amperes, at	Volts,	Revol. per Min.
----------	---	-------------	--------	-----------------

Current Alternating or Continuous

Single or Double Wire System

Position of Dynamos

„ Main Switch Board

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

Particulars of these Circuits:—

Circuit.	Number of Lights.	Candle Power.	Current Required. Amps.	Size of Conductor.	Current Density.	Conductivity of Conductor.	Insulation Resistance per Mile.

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Total No. of Lights

No. of Motors driving Fans, &c.

No. of Heaters

Current required for Motors and Heaters

Positions of Auxiliary Switch Boards, with No. of Switches on each

Particulars of these Circuits:—									
Circuit	Number of Pipes	Cable	Current Rating	Size of Conductor	Current Rating	Size of Conductor	Current Rating	Size of Conductor	Current Rating

Are Out-outs fitted as follows?—

On Main Switch Board, to Cables of Main Circuits

On Aux. " " each Auxiliary Circuit

Wherever a Cable is reduced in size

To each Lamp Circuit

To both Flow and Return Wires of all Circuits when the Double-Wire System is adopted

Are the Fuses of Standard Sizes?

Are all Switches and Out-outs constructed of Non-inflammable Material?

Are they placed so as to be always and easily accessible?

Smallest Single Wire used, No. S.W.G., Largest, No. S.W.G.

How are Conductors in Engine and Boiler Spaces protected?

" Saloons, State Rooms, &c., " ?

What special protection is provided in the following cases?—

(1) Conductors exposed to Heat or Damp

(2) " passing through Bunkers or Cargo Spaces

(3) " " Deck Beams or Bulkheads

Are all Joints in Cables properly soldered and thoroughly Insulated so that the efficiency of the Cables is unimpaired?

Are all Joints in accessible positions, none being made in Bunkers or Cargo Spaces?

Are all Hull Connections for Single-Wire Systems made with Screws of large Surface?

Are the Dynamos, Motors, Main and Branch Cables, so placed that the Compasses are not injuriously affected by them?

Have Tests been made to prove that this condition has been satisfactorily fulfilled?

Has the Insulation Resistance over the whole system been tested?

What does the Resistance amount to?

Ohms,

Is the Installation supplied with a Voltmeter?

" " " an Ampere Meter?

Date of Trial of complete Installation

Duration of Trial

Have all the requirements of Section 42 been satisfactorily carried out?



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GENERAL CONSTRUCTION.

Have the Machinery and Boilers been constructed in accordance with the requirements of the Rules and the

Approved Plans? *Yes*

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

Surveyor. Are the Dynamometer, Main and Branch Cables, so placed that the Compresses are

affected by them?

Have Tests been made to prove that this condition has been satisfactorily fulfilled?

Has the Inspection Resistance over the whole system been tested?

What does the Resistance amount to?

Is the Installation supplied with a Voltmeter?

an Amperes Meter?

Date of Trial of complete Installation

Location of Trial

Have all the requirements of Section 12 been satisfactorily carried out?

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*

Has the Report so far as to the Machinery and Boilers, been

correctly described the Machinery of the S.S. *"Alice"*

as ascertained by ^{us} _{me} from personal examination

What is the condition of the Machinery in the following cases?

1. The Machinery exposed to heat or damp

2. The Machinery exposed to vibration

3. The Machinery exposed to corrosion

4. The Machinery exposed to other causes

5. The Machinery exposed to other causes

6. The Machinery exposed to other causes

7. The Machinery exposed to other causes

8. The Machinery exposed to other causes

9. The Machinery exposed to other causes

Engineer Surveyor to the British Corporation for the
Survey and Registry of Shipping.

Fees—

MAIN BOILERS.

		£	s.	d.
H.S.	Sq. ft.	:	:	:
G.S.	"	:	:	:

DONKEY BOILERS.

H.S.	Sq. ft.	:	:	:
G.S.	"	:	:	:
	£	:	:	:

ENGINES.

L.P.C.	Cub. ft.	:	:	:
	£	:	:	:
Testing, &c. ...		:	:	:
	£	:	:	:
Expenses ...		:	:	:
Total ...	£	:	:	:

It is submitted that this Report be approved,

Oliver King
Chief Surveyor.

Approved by the Committee for the Class of M.B.S.* on the

19th Nov 1924

Fees advised

Fees paid



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Secretary

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MAIN BOILER

H.S. 2d fl.

G.S. 4d fl.

DOCKERY BOILER

H.S. 2d fl.

G.S. 4d fl.

EXPENSES

L.P.C. 2d fl.

L.P.C. 2d fl.

Testing &c.

Expenses

Total

It is submitted that this Report be approved.

Tested and signed

Tested and signed



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