

No. 2134

THE BRITISH CORPORATION FOR THE SURVEY
AND
REGISTRY OF SHIPPING.

Report No. 1946 No. in Register Book 3273

S.S. "JAMES STEWART"

Makers of Engines S. Rowan & Co Ltd

Works No. 831

Makers of Main Boilers S. Rowan & Co Ltd

Works No. 831

Makers of Donkey Boiler —

Works No. —

MACHINERY.



© 2020

Lloyd's Register
Foundation

002883-002890-0296

No.

THE BRITISH CORPORATION FOR THE SURVEY
AND
REGISTRY OF SHIPPING.

Report No. 1946 No. in Register Book 3273

Received at Head Office 10th April 1926

Surveyor's Report on the Neto Engines, Boilers, and Auxiliary
Machinery of the Single Triple
Twin Quadruple Screw Steamship

"JAMES STEWART"

Official No.

Port of Registry Glasgow.

Registered Owners

Eastern Steamship Co Ltd

Engines Built by

S. Rowan & Co Ltd

at

Glasgow.

Main Boilers Built by

S. Rowan & Co Ltd

at

Glasgow.

Donkey " "

at

None fitted

Date of Completion

1/4/26.

First Visit

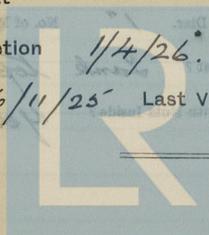
16/11/25

Last Visit

1/4/26

Total Visits

32.



© 2020

Lloyd's Register
Foundation

RECIPROCATING ENGINES.

Works No. *831* No. of Sets *1* Description *Triple expansion surface condensing steam engine.*

No. of Cylinders each Engine *3* No. of Cranks *3*
 Diars of Cylinders *14", 28½" and 47"* Stroke *33"*
 Cubic feet in each L.P. Cylinder *33.1*
 Are Spring-loaded Relief Valves fitted to Top and Bottom of each Cylr? *on HP; 1.P. & L.P. bottoms only*
 " " " each Receiver? *1.P. & L.P.*
 Type of H.P. Valves, *Piston (inside steam)*
 " 1st L.P. " *Andrews & Cameron*
 " 2nd L.P. " *—*
 " L.P. " *Double-ported D slide valve.*
 " Valve Gear *Stephensons link motion*
 " Condenser *Surface* Cooling Surface *1000* sq. ft.
 Diameter of Piston Rods (plain part) *4½"* Screwed part (bottom of thread) *3½" app.*
 Material " *H. steel.*
 Diar. of Connecting Rods (smallest part) *4¼"* Material *H. steel*
 " Crosshead Gudgeons *5"* Length of Bearing *4½"* Material " "
 No. of Crosshead Bolts (each) *2* Diar. over Thrd. *2½"* Thrds. per inch *4* Material *Steel*
 " Crank Pin " " *2* " *2½"* " *4* " "
 " Main Bearings *6* Lengths *9"*
 " Bolts in each *2* Diar. over Thread *2"* Threads per inch *4* Material *Steel*
 " Holding Down Bolts, each Engine *42* Diar. *1"* No. of Metal Chocks *42*
 Are the Engines bolted to the Tank Top or to a Built Seat? *Tank top*
 Are the Bolts tapped through the Tank Top and fitted with Nuts Inside? *Yes.*
 If not, how are they fitted? *—*

Connecting Rods, Forged by *B. Rowan & Co Ltd*
 Piston " " } *B. Rowan & Co Ltd*
 Crossheads, " " }
 Connecting Rods, Finished by *B. Rowan & Co Ltd*
 Piston " " }
 Crossheads, " " }
 Date of Harbour Trial *20/3/26.*
 " Trial Trip *1/4/26*
 Trials run at *Skelmorlie*
 Were the Engines tested to full power under Sea-going conditions? *Yes.*
 If so, what was the L.H.P.? *1150* Revols. per min. *98*
 Pressure in 1st L.P. Receiver, *45* lbs., 2nd L.P., — lbs., L.P., *14.5* lbs., Vacuum, *26* ins.
 Speed on Trial *10 knots*
 If the Conditions on Trial were such that full power records were not obtained give the following estimated data:—
 Builders' estimated L.H.P. *1000* Revols. per min. "
 Estimated Speed " "

6 in thrust block.



© 2020

Lloyd's Register
Foundation

SHAFTING.

Are the Crank Shafts Built or Solid? *Built*

No. of Lengths in each *One* Angle of Cranks *120°*

Diar. by Rule *9.025"* Actual *9"* In Way of Webs *9 1/4"*

„ of Crank Pins *9"* Length between Webs *9"*

Greatest Width of Crank Webs *14 1/4"* Thickness *5 5/8"*

Least „ „ *13 1/8"* „ *5 5/8"*

Diar. of Keys in Crank Webs *1 1/2" dowels* Length *3 1/2"*

„ Dowels in Crank Pins *1"* Length *2 1/2"* Screwed or Plain *plain*

No. of Bolts each Coupling *6* Diar. at Mid Length *2 1/8"* Diar. of Pitch Circle *14 3/4"*

Greatest Distance from Edge of Main Bearing to Crank Web *1/2"*

Type of Thrust Blocks *Horizontal*

No. „ Rings *4*

Diar. of Thrust Shafts at bottom of Collars *9.025"* No. of Collars *4*

„ „ Forward Coupling *9"* At Aft Coupling *8 5/8"*

Diar. of Intermediate Shafting by Rule *8.59"* Actual — No. of Lengths —

No. of Bolts, each Coupling — Diar. at Mid Length — Diar. of Pitch Circle —

Diar. of Propeller Shafts by Rule *9.63"* Actual *10.345"* At Couplings *9"*

Are Propeller Shafts fitted with Continuous Brass Liners? *Yes.*

Diar. over Liners *11 5/8" for 1, 11 1/2" aft* Length of After Bearings *3'-6"*

Of what Material are the After Bearings composed? *Lignum Vitae*

Are Means provided for lubricating the After Bearings with Oil? *Yes, small hand pump.*

„ „ to prevent Sea Water entering the Stern Tubes? *No*

If so, what Type is adopted? *Sea-water lubrication*

SKETCH OF CRANK SHAFT.

Same as 2/3 NORMAN B. MACPHERSON (Abeano No. 813)



© 2020

Lloyd's Register Foundation

for emergency.

No. of Blades each Propeller *4* Fitted or Solid? *Fitted*
 Material of Blades *Cast Steel* Boss *Cast Iron*
 Diam. of Propellers *12'-6"* Pitch *12'-0"* Surface (each *44* S. ft.
 Coefficient of Displacement of Vessel at $\frac{1}{2}$ Moulded Depth *.84*

Crank Shafts Forged by		<i>Piesse und Walswerk</i>		Material		<i>I. S.</i>	
"	Pins	"	"	"	"	"	"
"	Webs	"	"	"	"	"	"
"	Thrust Shafts	"	"	"	"	"	"
"	Intermed. "	"	"	"	"	"	"
"	Propeller "	"	"	"	"	"	"
Crank " Finished by		<i>David Rowan & Co Ltd</i>					
"	Thrust "	"	"	"	"	"	"
"	Intermed. "	"	"	"	"	"	"
"	Propeller "	"	"	"	"	"	"

STAMP MARKS ON SHAFTS.

B.C.
 No 3270
 J.W.H.
 14/1/26.

SKETCH OF PROPELLER SHAFT.

Sams as $\frac{1}{2}$ "NORMAN B. MACPHERSON" (Rowan No 813)



© 2020

Lloyd's Register
 Foundation

TRAHS PUMPS, ETC. HO 12 12

No. of Air Pumps *One* Diar. *13"* Stroke *18"*

Worked by Main or Independent Engines? *Main engines, from links on H.P.*
(Edward's type)

No. of Circulating Pumps *One* Diar. *9 1/2"* Stroke *18"*

Type of " *Double-acting plunger.*

Diar. of " Suction from Sea *6"*

Has each Pump a Bilge Suction with Non-return Valve? *Yes.* Diar. *6"*

What other Pumps can circulate through Condenser? *The Auxiliary circulating pump and Ballast Pump.*

No. of Feed Pumps on Main Engine *2* Diar. *2 1/2"* Stroke *18"*

Are Spring-loaded Relief Valves fitted to each Pump? *Yes.*

Can one Pump be overhauled while the others are at work? *Yes.*

No. of Independent Feed Pumps *—* Diar. *—* Stroke *—*

What other Pumps can feed the Boilers? *General Service Pump (Weir's) also Penberthy Injector with suction from F.W. tank & sea.*

No. of Bilge Pumps on Main Engine *2* Diar. *3"* Stroke *18"*

Can one Pump be overhauled while the others are at work? *Yes.*

No. of Independent Bilge Pumps *None.*

What other Pumps can draw from the Bilges? *Ballast pump, and Auxiliary circulating pump.*

Are all Bilge Suctions fitted with Roses? *Yes, except straight pipes in E.R.*

Are the Valves, etc., so arranged as to prevent unintentional connection between Sea and Bilges? *Yes.*

Are all Sea Connections made with Valves or Cocks next the Ship's sides? *Yes.*

Are they placed so as to be easily accessible? *Yes.*

Are the Discharge Chests placed above or below the Deep Load Line? *Above.*

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.*

BOILERS

-TANKS-

Examined tank piping *26/2/26, 15/3/26.*

Tank pipe lines composed of W.I. pipes with screwed and expanded flanges, resting on angles & clipped on same; lead pipes for exp. bends in after ends No. 2 to Engineer's connections.

-BILGES-

Examined bilge lines *26/2/26, 15/3/26.*
Tested under steam; satisfactory *16/3/26.*



© 2020

Lloyd's Register
Foundation

BOILERS.

Works No. *831.*

No. of Boilers *2* Type *Cylindrical Multitubular*

Single or Double-ended *Single*

No. of Furnaces in each *Two*

Type of Furnaces *Leighton's Corrugated.*

Date when Plan approved *1/9/25.*

Approved Working Pressure *180 lbs/0"*

Hydraulic Test Pressure *320 lbs/0"*

Date of Hydraulic Test *2/2/26.*

„ when Safety Valves set *19/3/26.*

Pressure at which Valves were set *186 lbs/0"*

Date of Accumulation Test *19/3/26.*

Maximum Pressure under Accumulation Test *196 lbs/0"*

System of Draught *Howden's Forced Draught.*

Can Boilers be worked separately? *Yes.*

Makers of Plates *Phoenix Hoerde Stahl Werke, Germany.*

„ Stay Bars *Gutehoffnungshutte Co, Oberhausen, Germany.*

„ Rivets *Rivet, bolt and nut Co Glasgow.*

„ Furnaces *J. Marshall & Co Motherwell*

Greatest Internal Diam. of Boilers *11'-10³/₃₂"*

„ „ Length „ *10'-10¹/₈"*

Square Feet of Heating Surface each Boiler *1425*

„ „ Grate „ „ *36.65*

No. of Safety Valves each Boiler *2* Rule Diam. *2.375"* Actual *2¹/₂"*

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

No. of Pressure Gauges, each Boiler *1 E.R.*
1 S.H.

„ Test Cocks „ *3* „ No. of Water Gauges *One.*

„ „ „ „ *3* „ Salinometer Cocks *One.*

As the Water Gauge Glass Direct to the Boiler Shell or mounted on Flange?

Are the Water Gauge Flange Direct to the Boiler Shell or connected by Pipes?

Are these Pipes connected to Boilers by Cocks or Valves?

Are Blow-off Cocks or Valves fitted on Boiler Shell?

No. of Stages of Shell Lifting in each Boiler

Flange in each Stages

As the Double End Stages of equal width?

Thickness of outside First Stage

Are the outside Stages Hand or Machine Riveted?

Are they Single, Double, or Triple Riveted?

No. of Rivets in a Flange

Diam. of Rivet Head

No. of Rows of Rivets in Centre

Are these Seams Hand or Machine Riveted?

Diam. of Rivet Head

No. of Rows of Rivets in Front End Circumferential Seams

Are these Seams Hand or Machine Riveted?

Diam. of Rivet Head

No. of Rows of Rivets in Back End Circumferential Seams

Are these Seams Hand or Machine Riveted?

Diam. of Rivet Head

Size of Rivet in Flange

Dimension of Compensating Flange

As No 830 $\frac{3}{8}$ "CHARLES R. HUNTLEY."

except that back steam space plate landing
is 15¹/₂" above $\frac{1}{2}$ of boiler instead of 4¹/₄"

B.C. TEST
No 4935
TEST. P. 320 lbs/0"
WORK. P. 180 "
G.M.L.
2/2/26.



© 2020

Lloyd's Register
Foundation

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

Do CHARLES R. HUNTLEY (Rowans No 830)

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

Do CHARLES R. HUNTLEY (Rowans No 830)



© 2020 Lloyd's Register Foundation

Diar. of Stays Approved Threads per Inch

in Boilers

Material

Thickness of Front Tube Plates Approved

in Boilers

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 ?

Thickness of Back Tube Plates Approved

in Boilers

Pitch of Stay Tubes in Back Tube Plates

Plain

Thickness of Stay Tubes

Plain

External Diar. of Tubes

Material

Thickness of Furnace Plates Approved

in Boilers

Smallest outside Diar. of Furnaces

Length between Tube Plates

Width of Combustion Chambers (Front to Back)

Thickness of Tops Approved

in Boilers

Pitch of Screwed Stays in C.C. Tops

Do " CHARLES R. HUNTLEY " (Boilers No 830)

Diar. of Stays Approved Threads per Inch

in Boilers

Material

Thickness of Combustion Chamber Ends Approved

in Boilers

Pitch of Screwed Stays in C.C. Tops

Threads per Inch

in Boilers

Material

Thickness of Combustion Chamber Ends Approved

in Boilers

Pitch of Screwed Stays in C.C. Tops

Threads per Inch

in Boilers

Material

Are all screw 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 Row

No. of Rows over Boiler

Size of Lower Flange



© 2020

Lloyd's Register Foundation

VERTICAL DONKEY BOILERS.

No. of Boilers Type
 Greatest Int. Diar. Height
 Height of Boiler Crown above Fire Gate
 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 Gate
 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
 Where situated?
 Which Boilers are connected to Superheaters?
 Can Superheaters be shut off while Boilers are working?
 No. of Safety Valves on each Superheater Diar.
 Are " " fitted with Easing Gear?
 Date of Hydraulic Test Test Pressure
 Date when Safety Valves set Pressure on Valves

MAIN STEAM PIPES

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



© 2020
 Lloyd's Register
 Foundation

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

EVAPORATORS.

No.	Type	Tons per Day
	<i>None fitted.</i>	
Working Pressure	Test Pressure	Date of Test
Date of Test of Safety Valves under Steam		

FEED WATER HEATERS.

No.	<i>One</i>	Type	<i>High pressure surface.</i>
Makers	<i>Henry Watson & Sons Ltd, Newcastle-on-Tyne.</i>		
Working Pressure	<i>Body max 70 lbs</i>	Test Pressure	<i>Body 150 lbs</i>
	<i>Coils 180</i>		<i>Coils 432 "</i>
		Date of Test	<i>12/1/26</i>
			<i>20/1/26</i>

FEED WATER FILTERS.

No.	<i>One</i>	Type	<i>Suction Filter (low pressure)</i>	Size
Makers	<i>Henry Watson & Sons Ltd Newcastle-on-Tyne</i>			
Working Pressure	—	Test Pressure	—	Date of Test
				—

LIST OF DONKEY PUMPS.

Ballast Pump:— *S. Rowan & Co Ltd*

Suctions:— *Sea, main and indep't bilges, tanks*
 Discharges:— *Overboard, tanks, condenser.*

Aux. Circulating Pump:— *Henry Watson & Sons Ltd*

Suctions:— *Sea, and main bilge line*
 Discharges:— *Overboard, tanks, condenser.*

General Service Pump:— *G. & J. Weir Ltd*

Suctions:— *Sea, boilers, hotwell, F.W. tank.*
 Discharges:— *main & aux feed, deck, overboard, and ash ejector.*

Culinary Pump:— *Thorn, Lamont & Co Ltd*

Water tank, and 5'4" x 5" x 4"

1 Pemberton Injector to aux feed line; suction from sea & F.W. tanks.



© 2020

Lloyd's Register
Foundation

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

None.

Installation fitted by Messrs. Clark & Co. Ltd. 1925

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

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

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? *Yes.*

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

Has the Insulation Resistance over the whole system been tested? *Yes.*

What does the Resistance amount to? *15 Meg Ω* Ohms.

Is the Installation supplied with a Voltmeter? *Yes.*

" " " an Ampere Meter? *Yes.*

Date of Trial of complete Installation *1/4/26* Duration of Trial *6 hours.*

Have all the requirements of Section 42 been satisfactorily carried out?
See page 38.

Position of Switch Board	No. of Switches	Size of Wires	Number of Wires	Number of Lamps	Notes
On Main Switch Board	4	1/2"	10	20	1. 1/2" wires
On Aux. " " each Auxiliary Circuit	—	1/4"	10	20	2. 1/4" "
Wherever a Cable is reduced in size	4	1/8"	10	20	3. 1/8" "
To each Lamp Circuit	4	1/16"	10	20	4. 1/16" "
To both Flow and Return Wires of all Circuits when the Double-Wire System is adopted	4	1/16"	10	20	5. 1/16" "

Are Out-outs fitted as follows?—

On Main Switch Board, to Cables of Main Circuits *Yes.*On Aux. " " each Auxiliary Circuit *—*Wherever a Cable is reduced in size *Yes.*To each Lamp Circuit *Yes.*To both Flow and Return Wires of all Circuits when the Double-Wire System is adopted *Yes.*Are the Fuses of Standard Sizes? *Yes.*Are all Switches and Cut-outs constructed of Non-inflammable Material? *Yes.*Are they placed so as to be always and easily accessible? *Yes.*Smallest Single Wire used, No. *3/029* S.W.G., Largest, No. *7/064* S.W.G.How are Conductors in Engine and Boiler Spaces protected? *Tubing*" Saloons, State Rooms, &c., " ? *"*

What special protection is provided in the following cases?—

(1) Conductors exposed to Heat or Damp *Tubing*(2) " passing through Bunkers or Cargo Spaces *None in bunkers, holds tubing*(3) " " Deck Beams or Bulkheads *Lead bushes & W.T. glands.*

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

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

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? *Yes.*

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

Has the Insulation Resistance over the whole system been tested? *Yes.*

What does the Resistance amount to? *15 Meg Ω* Ohms.

Is the Installation supplied with a Voltmeter? *Yes.*

" " " an Ampere Meter? *Yes.*

Date of Trial of complete Installation *1/4/26* Duration of Trial *6 hours.*

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

See page 38.



© 2020

Lloyd's Register
Foundation

GENERAL CONSTRUCTION.

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

Approved Plans? *Yes, except as below.*

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

Surveyor.

Vulcanised I.R. braided cable in steel tubing used in machinery spaces instead of lead covered cable (see B.C. letter to Claud Hamilton Ltd 18/12/24. B.C. letter to Napier & Miller Ltd 19/12/24; replies dated 20/12/24 and 22/12/24 respectively). Sanctioned by 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. "JAMES STEWART"

as ascertained by ^{us}me from personal examination

Geo. W. Luke.

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.O.	Cub. ft.	:	:	
		£	:	:
Testing, &c. ...		:	:	
		£	:	:
Expenses ...		:	:	
		£	:	:
Total ...		£	:	:

It is submitted that this Report be approved,

W. H. ...

Chief Surveyor.

Approved by the Committee for the Class of M.B.S.* on the *19th May 1926*

Fees advised

Fees paid



© 2020

Lloyd's Register
Foundation
G. A. ...
Secretary.

GENERAL INSTRUCTIONS

Form

THE OFFICE OF THE COMMISSIONER OF THE GENERAL LAND OFFICE HAS THE HONOUR TO ACKNOWLEDGE THE RECEIPT OF YOUR LETTER OF THE 14TH INSTANT AND TO INFORM YOU THAT THE MATTER IS BEING CONSIDERED.

Yours faithfully,
D. H. [Signature]

THE SECRETARY

DOUGLAS HOLLAND

Unsuccessful L.R. bid in 1914 in 1914
used in machinery of [unclear] [unclear]
cable (see B.C. letter to [unclear] 12/1/14)
B.C. letter to [unclear] 12/1/14 and 12/1/14 respectively
[unclear] [unclear] [unclear] [unclear]
[unclear]

Testing & [unclear]	[unclear]
Expenses	[unclear]
Total	[unclear]

It is anticipated that this Report be approved

[Signature]

THE SECRETARY

Approved by the Committee for the Office of M.B.S. on the 14th inst.

JAMES STEWART

[Signature]

[Signature]

THE SECRETARY



© 2020

Lloyd's Register Foundation



© 2020

Lloyd's Register
Foundation



© 2020

Lloyd's Register
Foundation