

1 ~~2~~ Decks.

IRON OR STEEL STEAMER.

THURS. 26 MAY 1892

Received at London Office.

State if Report is also sent on the Machinery of the Vessel *Yes*Date of completion of Report *26th May 1892* Port of *Greenock*No. *10537* Survey held at *Port Glasgow* Date, First Survey *14th Dec. 1891* Last Survey *May 19th* 18 *92*

On the

Rig *Schooner*TONNAGE under
Tonnage Deck...

ONE OR TWO DECKED VESSEL.

Master *Robert Winter*

Do. of Raked Or.

CLASS *100 M. 1.*Year of appointment *1892*
(1) As master in service of
owner of present vessel: 18 *89*
(2) As master of this
vessel: 18 *92*

Do. of Bridge House

Built at *Port Glasgow*

Do. of Houses on Deck

When built *1892* Launched *14th April 1892*

Do. of excess of Hatchways

By whom built *D. J. Dunlop & Co. Ltd.*

Do. of Forecastle

Owners *The London Anticyp. Commercial Navigation Co.*

Do. above Crown of

Managers *Messrs. James Menzies & Co. Ltd.*

Engine Room

Residence *4 New London St. Corner E.C.*

Gross Tonnage

Port belonging to *London*

Less Crew Space

If Surveyed while Building, Afloat, or in Dry Dock

Less above Crown of

Engine Room

TONNAGE FOR FEES

Less Engine Room

Less Navigation Spaces

Register Tonnage

as out on Beam

LENGTH on Deck as per Rule	Feet. Inches.	BREADTH— Moulded	Feet. Inches.	DEPTH— Top of Floors to Main Deck Beams.	Feet. Inches.	Power of Engines	Horse.	No. of Decks with Flat laid	No. of Tiers of Beams
<i>175</i>	<i>0</i>	<i>26</i>	<i>0</i>	<i>12</i>	<i>9</i>	<i>96</i>	<i>96</i>	<i>One</i>	<i>One</i>

Dimensions of Ship per Register, Length, *175.95* breadth, *26.15* depth, *12.6*.Moulded Depth, ft. *13* ins. *5*.Round of Beam *6 1/2* inches.

FORGINGS AND CASTINGS.

KEEL, Bar or Side Plates depth and thickness

STEM, moulding and thickness

STERN-POST for Rudder do. do.

for Propeller

MAIN PIECE of Rudder, diameter at head.

do. at heel

RUDDER, how constructed

Can the Rudder be unshipped afloat?

FRAMING.

FRAME, Angles, or Bars, for 1/2 length amidships

Do. for 1/2 at each end

Do. in way of Double Bottoms

Distance of Frames from moulding edge to

moulding edge, all fore and aft

REVERSED FRAME, Angles

FLOORS, depth and thickness of Floor Plate

at mid-line for 1/2 length amidships

in way of Engines and Boilers

thickness at the ends of vessel

depth at 1/2 the half breadth, as per Rule

height extended at the Bilges

FLOORS & BRACKETS, in way of Double Bottoms

Distance apart

CENTRE GIRDER, in Double Bottom, depth

and thickness

Angles, Top

Angles

MARGIN PLATE, depth (exclusive of flange)

and thickness

Angles

INNER BOTTOM PLATING, breadth and

thickness of Middle Line Strake

thickness in Engine and Boiler space

Remainder in Holds

BEAMS, Main and Raised Quarter Deck,

Single Angle, Bulb Angle, Plate or Tee Bulb

Angles on Upper Edge

Average space

BEAMS, Lower Deck, Single Angle, Bulb

Angle, Plate or Tee Bulb

Angles on Upper Edge

Average space

BEAMS, Hold, Plate or Tee Bulb

Angles on Upper Edge

Average space

BEAMS, Bridge Deck, Angle, Bulb Angle,

Plate or Tee Bulb

Angles on Upper Edge

Average Space

BEAMS, Forecastle Deck, Angle, Bulb Angle,

Plate or Tee Bulb

Angles on Upper Edge

Average space

PILLARS, in Fore Body, Size and Spacing

Hold

WEB FRAMES, in Fore Body, No. and Spacing

Brdth. & Thickness

No. of Side Stringers

WEB FRAMES, in After Body, No. and Spacing

Brdth. & Thickness

No. of Side Stringers

Size of Angles or Tee Bars to Web Frames

ACKET PLATES to Stringers between

Frames, Depth and Thickness

KEELSONS AND STRINGERS.

CENTRE LINE KEELSON, Vertical Plate above

floors, Through Plate, or Intercoastal Plate

Rider Plate

Bulb Plate to Intercoastal Keelson

Horizontal Plates on Floors

Angles

SIDE KEELSON, Angles

Bulb or Plate above floors for half lng

Intercoastal Plate for length

Attached to outside plating with Angle

BILGE KEELSON, Angles

Bulb or Plate above floors for 3/5 length

Intercoastal Plate for length

Attached to outside plating with Angle

BILGE STRINGER Angles

Bulb or Intercoastal Plate for lng

Main and Raised Quarter Deck Stringer

Plate, on ends of Beams, breadth & thknss

Angle on ditto

Tie Plates fore & aft, outside Hatchways

Diagonal Tie Plates on Bms, No. of Pairs

Flat of Dk* Iron or Steel for whole lng

Wood Material & thickness

How fastened to Beams

Lower Deck Stringer Plate, on ends of

Beams, breadth and thickness

Angles on ditto, No.

Tie Plates, outside Hatchways

Flat of Deck* Material and thickness

How fastened to Beams

Hold Stringer Plate, on ends of Beams

Angles on ditto, No.

Poop Deck Stringer Plate, breadth & thickness

Angle on ditto

Tie Plates

Flat of Deck; Material and thickness

Bridge Deck Stringer Plate, brdth & thickness

Angle on ditto

Tie Plates

Flat of Deck, Material and thickness

Forecastle Deck Stringer Plate, brdth & thknss

Angle on ditto

Tie Plates

Flat of Deck, Material and thickness

PLATING.

FLAT PLATE KEEL, breadth and thickness

D'bling or increased thickness, & length appl.

PLATES in Garboard Strakes, brd'th & thickness

From Garboard to lower part of Bilges

Bilges, number of Strakes and thickness

Of doubling at Bilge, or increased thickness,

and length applied half

from up. part of Bilge to lr. edge of Sh'rstrake

Sheerstrake, breadth and thickness

Of d'bling at Sh'stk. & lng. applied in way of

Poop Sides

Raised Quarter Deck Sides

Bridge Sides

Forecastle Sides

Lengths of Plating

Spar
Ceiling betwixt Decks, thickness and material *W.P. 1 1/2*
" in hold do. do. *R.P. 2 1/2*

Number of Breasthooks *Four 9 deep floors*
" Crutches *One 4 deep floors*

BULKHEADS. No. in Vessel *11*
Thickness. Angles. Spacing. Height up. Singl. or Dbl. Frames.

Collision Bulkheads. *W.T. BULKHEADS*
Engine Room Bulkheads
Loose Bulkheads

Are the outside Plates doubled two spaces of Frames in length? *Yes*

The **FRAMES** extend in one length from *middle line* to *gunwall*. Riveted through Plates with *in* Rivets, about *apart*
The **REVERSED ANGLE** on floors and frames extend from *middle line to main deck and bilge stringer alternately*
In P. & D. Deck: From middle line to P. & D. and stringer next below alternately.

RIVETING OF EDGES AND BUTTS OF SHELL PLATING AND BUTTS OF STRINGER PLATES, TIE PLATES, KEELSONS, &c.
Garboard, double riveted to Bar Keel or Flat Plate Keel, with rivets *1* in. diameter, averaging *5* ins. from centre to centre.
Edges of Garboards and to upper part of Bilge, worked clench, double riveted; with rivets *3/4* in. diameter, averaging *2* ins. from centre to centre.
Butts from Keel to turn of Bilge, worked clench, double riveted; with rivets *3/4* in. dia., averaging *2* ins. from centre to centre.
" " " overlapped for *whole* length, treble riveted for *half* length; with rivets *3/4* in. dia., averaging *2* ins. from centre to centre.
Butts of *all* Strakes, at Bilge for *half* length, treble riveted with Butt Straps *thicker than the plates they connect.*
Edges from Bilge to Sheerstrake, worked clench, double or single riveted; with rivets *3/4* in. diameter, averaging *3* ins. from centre to centre.
Butts from Bilge to Sheerstrake, worked clench, double or single riveted; with rivets *3/4* in. dia., averaging *2* ins. from centre to centre.
" " " overlapped for *whole* length, treble riveted for *half* length; with rivets *3/4* in. dia., averaging *2* ins. from centre to centre.
Edges of Sheerstrake, double or single riveted. Butts of Sheerstrake, treble riveted for *half* length amidships.
Butts of Main Stringer Plate, treble riveted for *half* length amidships. Single or Double Butt Straps to Stringer Plate for *whole* length.
Butts of Inner Bottom Plating *riveted for* length. Butts of Centre Girder *riveted.*
Breadth of edge laps of Shell Plating in double riveting *1 1/2 in.* Breadth of edge laps of Shell Plating in single riveting *2 1/2 in.*
Butt Straps of Shell Plating breadth and thickness *16 1/4 x 1/4 to 9 1/4 x 8/16* Butts, if Lapped, breadth of laps *7 1/2 in.*
Butt Straps of Keelsons, Stringer and Tie Plates, treble or double riveted?
Manufacturer's name, or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Beams, Keelsons, Tie and Stringer Plates, Outside Plating, &c.? *Mild Steel: Lanarkshire, Hallside, Parkhead, Bonsett, Mosses, Colville*
Iron Rivets

Workmanship. Are the butts of plating planed or otherwise fitted? *Planed*
Is the riveted work properly closed? *Yes*
Are the liners between the frames and plates solid single pieces? *Yes* Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? *Yes* Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? *Yes* Do any rivets break into or through the seams or butts of the plating? *No*
Are the butts of Plating, Stringers, &c., properly shifted and strapped? *Yes*

MASTS, SPARS, &c.

No. of Mast.	Material.	Total Length.	DIAMETER AND THICKNESS.			No. of Plates in round.	ANGLES.		Riveting.	Butts.
			At Partners.	Heel.	Hoards.		Number.	Size.		
Fore	<i>Pitch Pine</i>	<i>81.0</i>	<i>18</i>	<i>17</i>	<i>15</i>					
LOWER MASTS...	Main	<i>76.6</i>	<i>17</i>	<i>16</i>	<i>14</i>					
	Mizen									

Boomsprit
Topmasts, Yards and Remainder of Spars *Derricks - Pitch Pine*
Rigging, Material and Size, Shrouds *Sabot Wire - 3/4 - 3/8 - 3/16 - 3/32 - 3/64 - 3/128 - 3/256 - 3/512 - 3/1024 - 3/2048 - 3/4096 - 3/8192 - 3/16384 - 3/32768 - 3/65536 - 3/131072 - 3/262144 - 3/524288 - 3/1048576 - 3/2097152 - 3/4194304 - 3/8388608 - 3/16777216 - 3/33554432 - 3/67108864 - 3/134217728 - 3/268435456 - 3/536870912 - 3/1073741824 - 3/2147483648 - 3/4294967296 - 3/8589934592 - 3/17179869184 - 3/34359738368 - 3/68719476736 - 3/137438953472 - 3/274877906944 - 3/549755813888 - 3/1099511627776 - 3/2199023255552 - 3/4398046511104 - 3/8796093022208 - 3/17592186044416 - 3/35184372088832 - 3/70368744177664 - 3/140737488355328 - 3/281474976710656 - 3/562949953421312 - 3/1125899906842624 - 3/2251799813685248 - 3/4503599627370496 - 3/9007199254740992 - 3/18014398509481984 - 3/36028797018963968 - 3/72057594037927936 - 3/144115188075855872 - 3/288230376151711744 - 3/576460752303423488 - 3/1152921504606846976 - 3/2305843009213693952 - 3/4611686018427387904 - 3/9223372036854775808 - 3/18446744073709551616 - 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