

1881-

Last Survey 17 R Dec

On the

S. S. Clydesdale

Master *R. B. Laurence*
Built at *Port Glasgow*
When built *1881* Launched *8th Decr - 81*
By whom built *Messrs Blackwood & London*
Owners *Messrs R. Mackill & Co.*
Residence *75 Buchanan St. Glasgow*
Port belonging to *Glasgow*
Destined Voyage *Bilbao*
If Surveyed while Building, Afloat, or in Dry Dock.
While Building and Afloat.

[illegible]

per Rule ...

Dimensions of Ship per Register, length, 214.45 breadth, 31.2 depth, 13.6

	Inches in Ship.			Inches per Rule.				Inches in Ship.			Inches per Rule.			
KEEL , depth and thickness of side pieces...	8	3/4		8	3/4		FLAT KEEL PLATES , breadth and thickness ...	32	16	32	16			
STEM , moulding and thickness...	7	2 3/8		7	2 3/8		PLATES in Garboard Strakes, br'dth & thickness	—	14	—	14			
STERN-POST for Rudder do. do. ...	10	3 1/2 = 35		7	4 3/4 = 33 1/2		From Garboard to upper part of Bilges...	—	14	—	14			
" " for Propeller ...	10	3 1/2 = 35		7	4 3/4 = 33 1/2		Of d'bling at Bilge, or increased thickness,	—	14	—	14			
Distance of Frames from moulding edge to } moulding edge, all fore and aft ...	22			22			and length applied 2 strakes 1/16 for 1/2 Length. 16	2 strakes 16						
							From up. prt of Bilge to Ir. edge of Sh'rstrake...	—	14	—	14			
							Main Sheerstrake, breadth and thickness....	36	20	36	20			
							Of d'bling at Sh'stk. & lng. applied							
							From M'n. to Upr. or Spar Dk. Sh'rstrake....	16 3/4 x 22/32						
							Up. or Spar Dk Sh'rstrake, br'dth & thiek'n'ss...	14 1/4 x 18/32						
							Butt Straps to outside plating, breadth & thickness	11 1/4 x 16/32	9 3/4 x 14/32					
							Lengths of Plating	11 feet = 66 ft spaces	5 ft spaces					
							Shifts of Plating, and Stringers at least 2 frame spaces. 2							
							Gunwale Plate on ends of Awning, Spar, or	30	14	30	14			
							Upper Deck Beams, breadth and thickness...							
							Angle Iron on ditto ...	4 x 4 x 11/32	4.4	11/32				
							Tie Plates fore and aft, outside Hatchways	—	—	—	—			

BEAMS, Upper, Spar, or Lining Deck	5 1/2	3	11	5 1/2	3	11	Diagonal Tie Plates on Beams	—	—	—	—
Single or double Ang. Iron Plate or Tee Bulb Iron	except bulb						Flat of Up., Spar, or Lining Dk.*	whole length	10	—	10
Single or double Angle Iron on Upper edge	beams at ends of hatchways						How fastened to Beams	—	—	—	—
Average space...	22	—	—	22	—	—	Stringer Plate on ends of Main or Middle Deck	—	—	—	—
							Beams breadth and thickness	—	—	—	—

BEAMS, Main, or Middle Deck ...	—	—	—	—	—	Beams, Main, or Middle Deck ...	—	—	—	—	—
Single or d'ble Ang. Iron, Plate or Tee Bulb Iron }						<i>Is the Stringer Plate attached to the outside plating?</i>					
Single, or double Angle Iron, on Upper Edge ...	—	—	—	—	—	Angle Irons on ditto, No.	—	—	—	—	—
Average space... ..	—	—	—	—	—	Tee Plates, outside Hatchways ...	—	—	—	—	—

BEAMS, Lower Deck—						Diagonal Tie Plates on Beams, No. of pairs	—	—	—	—
Single or d'ble Ang. Iron, Plate or Tee Bulb Iron	—	—	—	—	—	Flat of Middle Deck* do. do.	—	—	—	—
Single or double Angle Iron on Upper Edge ...	—	—	—	—	—	How fastened to Beams	—	—	—	—
Average space... ..	—	—	—	—	—	Stringer Plates on ends of Lower Deck, Hold on	2~	4	2.7	4

BEAMS, Hold, or Orlop	8 1/2 x 13	8 1/2 x 13	Orlop Beams	2 1/2 x 1 1/2
Single or 1 1/2" Ang. Iron Plate or Tee Bulb Iron	4 3 11	4 3 11	Is the Stringer Plate attached to the outside plating?	3rd. - -
Single or double Angle Iron on Upper Edge ...			Angle Irons on ditto, No. 2	3/2 x 3/2 x 1/2 3' x 3' x 1/2
Average space... 8 to 10 frame spaces.		10 ft spaced	Stringer or Tie Plates, outside Hatchways	

KEELSONS Centre line, single or double plate, <i>thru</i> ...	38 1/2 x 14	38 x 14			Flats of Lower Deck *				
box, or Intercostal, Plates ...									
" Rider Plate <i>on Centre line</i> ...		11		11					
" Bulk Plate to Intercostal Keelson ...									
Ceiling between Decks thickness and material					1 1/2	3	5/8		

"	Double Angle Irons	inner bottom	—	—	10	—	—	10	Ceiling betwixt Decks, thickness and material	1 1/2	Pine	passing
"	Double Angle Iron Side Keelson	in F & B space	12	—	12	—	—	12	" in hold do. do.	2 1/2	Pine	2 1/2 —
"	Side Intercoastal Plate	Longitudinals	—	—	10	—	—	10	Main piece of Rudder, diameter at head	5	—	5 —
"	Angle Irons		3	3	10	3	3	10	do. at heel	3	—	3 —

do.	Angle Irons	3	3	9	3	3	9
"	Attached to outside plating with angle iron	3	3	9	3	3	9
BILGE	Angle Irons	—	—	—	—	—	—
"	do.	—	—	—	—	—	—
"	Bulb Iron	—	—	—	—	—	—

"	do.	Intercoastal plates riveted to plating for.....length }	—	—	—	—	—	—	—	"	Height up <i>as per profile drawing</i>
BILGE STRINGER Angle Irons			4	4	11	4	4	11		"	How secured to sides of ship <i>Between double frames</i>
		Intercoastal plates riveted to plating for }	—	—	—	—	—	—		"	Size of Vertical Angle Irons <i>3.2 1/2 10 1/2</i> and distance apart <i>30</i> ins.

IDE STRINGER Angle Irons Are the outside Plates doubled two spaces of Frames in length? *yes.*

the FRAMES extend in one length from *flanged plate to flanged plate & from there to* Riveted through plates with $\frac{3}{4}$ in. Rivets, about 6 apart. *gunwale*

2 1/2 in. wide plates 6" above hold str and to *gunwale* alternately

he **REVERSED ANGLE IRONS** on floors and frames extend *Longitudinals* *make one to 3*
EELSONS. Are the various lengths of Plates and Angle Irons properly connected? *yes.* And butts properly shifted? *yes.*
LATING **Carboard.** double riveted to Keel, with rivets *1 1/8* in. diameter, averaging *5 7/8* ins. from centre to centre.
in part edge 4 3/4 inches
 with rivets *3/4* in. diameter averaging *3 1/2* ins. from centre to centre.

" **Edges of Garboards** and to upper part of Bilge, worked clencher, double riveted; with rivets $\frac{3}{4}$ in. diameter, averaging 3 ins. from centre to centre.

" **Butts from Keel to turn of Bilge**, worked carvel, double riveted; with rivets $3\frac{1}{4}$ in. diameter averaging $3\frac{3}{2}$ ins. from centre to centre.

" **Butts of 2 Strakes at Bilge** for $\frac{1}{2}$ length, treble riveted with Butt Straps $\frac{1}{16}$ thicker than the plates they connect.

" **Butts of 2 Strakes at Bilge** for $\frac{1}{2}$ length, double riveted; with rivets $\frac{3}{4}$ in. diameter, averaging $3\frac{1}{2}$ ins. from cr. to cr.

Edges from Bilge to Main Sheerstrake, worked clencher, double or single riveted; with rivets $\frac{3}{4}$ in. diameter, averaging 3 $\frac{3}{2}$ ins. from cr. to cr.
Butts from Bilge to Main Sheerstrake, worked carvel, double riveted; with rivets $\frac{3}{4}$ in. diameter, averaging 3 $\frac{3}{2}$ ins. from cr. to cr.
Edges of Main Sheerstrake, double or single riveted. ^{Lower and upper} Upper Sheerstrake, double or single riveted. ✓
Butts of Upper or Spar Sheerstrake, treble riveted ✓ length amidships.

Butts of Main Sheerstrake, treble riveted for $\frac{1}{2}$ length amidships. Butts of Upper or Spar Stringer Plate, treble riveted for $\frac{1}{2}$ length. ☒

Butts of Main Stringer Plate, treble riveted for $\frac{1}{2}$ length amidships. Breadth of laps of plating in single riveting $2\frac{3}{4}$

Breadth of laps of plating in double riveting $5\frac{1}{4}$ Breadth of laps of plating in single riveting $2\frac{3}{4}$

Plating treble or double or single Riveted? *as required* No. of Breasthooks, 2 Crutches, 2

What description of ^{& Steel} Iron is used for Frames, Beams, Keelsons, Tie, and Stringer Plates, Outside Plating, &c.? good.
Manufacturer's name or trade mark, *Plates from Mossend & Blochairs Iron Co.; angles & Bulbs from Mossend.*

The above is a correct description,
 Owner's Signature, *Pro Blackwood & Gordon*
A. M. Gordon Manager

Surveyor's Signature, *J. S. M. M.*
 Surveyor to Lloyd's Register of British and Foreign Shipping.

PORT FORD TAYLOR & SON Commercial and General Steam Printers, 19, Old Street, Goswell Road, E.C., London.
 GRK297-0130

ROBT. EDMD. TAYLOR & SON Commercial and General Steam Printers, 19, Old Street, Goswell Road, E.C., London

London. GRK297-0130

Masts, ^{Iron}~~Bowsprit~~, Yards, &c., are Iron - wood in good condition, and sufficient in size and length. If of Iron or Steel give Scantlings of Plating, Angle Irons, &c., and further explain by a Sketch showing how the Lower Masts and Bowsprit are constructed, showing the number of Plates and Angle Irons, mode of riveting, quality of Materials, and if stamped with Maker's name. yes.

State also Length and Diameter of Lower Masts and Bowsprit

Length of fore mast. 67' 16". at Deck 20 x 9 1/6: at Keel 16 1/4 x 5 7/16: at Head 13 1/2 x 5 7/16.

NUMBER for EQUIPMENT		14274	Fathoms.	Inches.	Test per Certificate.	Inches per Rule.	Machine where Tested & Suprntdt.	ANCHORS.	No.	Weight. Ex. Stock.	Test per Certificate	Wght req'd per Rule.	Machine Tested & Suprntdt.
SAILS.		CABLES, &c.						Bower Anchors					
N ^o .	Chain	.....	240	1 1/2	5. C. 9. 60	240-1 1/2		(State Machine where Tested, Date, or No. of Certificate, & Name of Superintendent.)	11742	18-1-15	19-8-3-0	18-0-0	} 29/9/91 C. Hetherston
Fore Sails,	Iron Steam Chain	.....	60	1 1/2	5. 16-0-0	60-15/16	D. G. Lewis 23/9/91	11743	18-1-7	14-6-2-7	Collet		
Fore Top Sails,	or Steel Wire	.....										
Fore Topmast	or Hempen Strm	.....										
Stay Sails,	Cable	.....										
	Towline, Hemp.	.....	90	10 1/2		90-9 1/2		11741	15-3-5	17-5-1-7	Weight		
Main Sails,	or Steel Wire	.....	90	2 1/2	16 Tons								
Main Top Sails,	Hawser	.....	90	7 1/2		90-7 1/2		Stream Anchor	11761	6-3-9	9-2-2-0	6-2-0	
and	Warp	.....	90	5 1/2				Kedge	11762	3-1-2-7	5-18-3-0	3-1-0	
	quality	wood	180	4 1/2		90-5 1/2		2nd Kedge	11763	1-2-4-4	4-1-2-7	1-2-0	

The Windlass is (rapier) efficient Capstan efficient and Rudder efficient Pumps efficient.

What arrangements for deadlights in bad weather? — ^{Comings on bridge deck} Solid black deadlights fitted with bulls' eyes.

Scuppers, &c.—What arrangements for clearing upper deck of water, in case of shipping a sea? *2 pairs of large freeing ports and 2*

Cargo Hatchways.—How formed? *Plates angled.*

If of extraordinary size, state how framed and secured? full depth web plate in main & quarter runways - strong for
and after in each

Hatches, If strong and efficient? Yes and 2 1/2 solid.

Date 23 Feb 81 2nd. On the plating during the process of riveting Apr. 6, 13, 23; May 2, 11, 12, 26, 31; June 4, 21; July 13, 14, 27
Aug. 14, 15, 22; Sept. 3, 13, 22; Oct. 6, 8, 17

Date ✓ Nov. 2, 1921 4th. When the ship was complete, and before the plating was finally coated or cemented.. } Dec 9, 1921

General Remarks (State quality of workmanship, &c.) *Workmanship and Materials good & fitted as*

This Steel Screw Steamer has been ordered

submitted and approved on the 3rd March 1881, please Sir

Secretary's Letter of that date.

it is placed on a glass plate on their ends as given in

table G.4; a double angle stringer is fitted at the upper	
---	--

turn of bulge all fore and aft, and

See's Letter above referred to.

She has a topgallant fore-castle, breast rail and masts 7. m

of which have been tested with head of water to load line and found right.

State if one, two, or three decked vessel, or if spar, or awning decked; and the lengths of ^{60 ft} poop, ^{31 ft} bridge, forecabin, or raised quarter deck. (If double bottom, state particulars on separate form)

How are the surfaces preserved from oxidation? Inside bilges and Coated with paint above.

The amount of the Entry Fee ... £ 5 : : is received by me, *[Signature]*

Certificate ...
(to be sent as per margin).

Committee's Minute.....Friday, December, 1964, 18 min. Steel case d. 100.41 steel as recommended

[Handwritten:] Character assigned *[illegible]* 2 Tr. Ing 1 Steel Dr 1 Steel *[illegible]* L. 6/11/02 J.H. 27/10/06

2 No Bms