

With ~~or Without~~
Disconnected Erections.

STEEL STEAMER.

Received at London Office -2 DEC 1924

Date of completion of report 1st Dec 1924
Survey held at Glasgow

State if Report is also sent on the Machinery of the Vessel Yes

Port of Glasgow

Date, First Survey 1st August 1920

Last Survey 22nd Nov 1924

No. 44064

1924

On the (State if Single, Twin, or Triple Screw)

S. S. "FORESTHILL"

Rig Schooner

TONNAGE under 1374.81

CLASS *100.A.1.

FEET.

Master ✓

Year of appointment ✓

(1) As Master in service of owner of present vessel: 19 ✓
(2) As Master of this vessel: 19 ✓

Tonnage Deck... 39.87

Breadth (greatest moulded) 39.50

Do. between Tonnage Dk. and 3rd and 4th Dk. 60.91

Depth, at middle of length from top of keel to top of upper deck beams at side 19.87

Do. of Poop 7.77

Transverse Number 59.37

Do. of Bridge House 1.64

Length on deck from fore part of stem to after part of stern post 250

Do. of Forecastle 62.12

Longitudinal Number 14842

Do. of Houses on Deck 52.49

Depth "d," at middle of length (See Secs. 2 & 13) 16.11 3/8

Do. above Crown of Engine Room 1599.61

Proportions—Depths to Length—Upper Deck Beam at side to top of keel 12.6

Gross Tonnage 86.38

Long Bridge Deck Beam at side to top of keel 8.99

Less Crew Space 568.21

Less above Crown of Engine Room 53.04

TONNAGE FOR FEES 891.98

Destined Voyage ✓

If Surveyed while Building, Afloat, or in Dry Dock Yes

Less Engine Room 568.21

Less Navigation Spaces 53.04

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

Register Tonnage as cut on Beam 891.98

WEB FRAMES.		Inches in Ship.	Inches in Ship.	Inches per Rule, Or as Approved.	Inches per Rule, Or as Approved.	FORGINGS or CASTINGS.		Inches in Ship.	Inches per Rule, Or as Approved.
WEB-FRAMES, In Fore Body, No. and spacing		One	One			KEEL, Bar, depth and thickness			
" " " brdth. & thickness		24 x 50	24 x 50			STEM, moulding and thickness		8 x 2 1/4	7 1/2 x 2 3/8
" " " No. of Side Stringers		Two	Two			STERN-POST for Rudder do. do.		6 3/4 x 5 1/2	6 3/4 x 5 1/2
WEB-FRAMES, In E. & B. Space, No. & spacing		One	One			" " " for Propeller		7 1/2 x 5 1/2	7 1/2 x 5 1/2
" " " brdth. & thickness		18 x 40	18 x 40			RUDDER—A x D* Table 22. Speed		142	under 10 K.
WEB-FRAMES, In After Body, No. and spacing						" " " Main-Piece, diameter at head		5 3/4	5 3/4
" " " brdth. & thickness		6 x 3 1/2 x 5	6 x 3 1/2 x 5			" " " at heel		4 1/4	4 1/4
" " " Size of Face Angles to Web-Frames		6 x 3 x 4	6 x 3 x 4						
BRACKET PLATES to Stringers between Web-Frames, depth and thickness									

BULKHEADS.		Number.	Thickness.	STIFFENERS.		Single or Double Frames.	Height up, state deck.	RUDDER, how constructed	
Vessel.	Per Rule.	Inches.	Horizontal.	Vertical.	Size.	Spacing.	Size.	Spacing.	
		Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	
W.T. BULKHEADS	1	32	38 x 3 1/4	24	Single	U.D.			Forged frame & single plate
	2	30	79 x 3 x 50						Thickness of Plates or Single Plate
	3	30	77 x 3 x 44	30	do	do			Can the Rudder be unshipped afloat?
" COLLISION "	4	32	78 x 3 x 52	24	do	do			Yes
PARTITION									
LONGITUDINAL									

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

Are the Stair Valves and Watertight Doors in efficient working order? *Yes*

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c.? *(Open hearth process) Lanarkshire Steel Co. Colville & Sons Steel Company of Scotland, Dalmarnock, Glasgow*

Has the Steel been tested as required by the Rules? *Yes*

PLATING.							RIVETING.										
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.				BUTTS.						
	AMIDSHIP.		FORWARD.		AFT.		Ordinary or joggled.		Ordinary.		RIVETS.		STRAFS.		IF LAPPED.		
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Single or Double.	Breadth of Lap.	Diam.	Spacing or to cr.	Diam.	Spacing or to cr.	Breadth.	Thickness.	Breadth.	For what Length.	
FLAT PLATE KEEL	43	56	56	56	43	76	Double	6	1	4	Quad.	1	4	14	FL.		
GARBOARD OR A STRAKE	X	52	40	40		52	"	5 1/4	7/8	3 3/4	Trible F.L.	7/8	3 1/8	9	"		
State actual thickness in way of Double Bottom.							"	"	"	"	"	"	"	"	"	"	"
B	X	52	40	40		52	"	"	"	"	"	"	"	"	"	"	"
C	X	52	40	40		52	"	"	"	"	"	"	"	"	"	"	"
D		50	40	40		50	"	"	"	"	"	"	"	"	"	"	"
E		54	40	40		54	"	"	"	"	"	"	"	"	"	"	"
F		56	40	40		56	"	"	"	"	"	"	"	"	"	"	"
G		54	40	40		54	"	"	"	"	"	"	"	"	"	"	"
Upper Deck	65	50	40	40	65	50	"	"	"	"	"	"	"	"	"	"	"
J		50	40	40		50	"	"	"	"	"	"	"	"	"	"	"
K																	
L																	
M																	
N																	
O																	
P																	
Q																	
R																	
S																	
T																	
U																	
V																	
W																	
THICKNESS OF SHEER STRAKE CLEAR OF LONG BRIDGE	40	68	40	40	40	68	Double	5 1/4	7/8	3 3/4	Trible F.L.	7/8	3 1/8	9	FL.		
DO. OF STRAKE BELOW		54	40	40		54	"	"	"	"	"	"	"	"	"	"	"
DO. OF Flat Plate Keel																	
" Sheerstrakes																	
Length and thickness																	
POOP SIDES							Single	2 1/2	3/4	3	Double	3/4	2 5/8	5			
SHORT BRIDGE SIDES							Single	2 1/2	3/4	3	Double	3/4	2 5/8	5			
FORECASTLE SIDES																	

* Where a long bridge is fitted the thickness of Upper Deck Sheerstrake and Strake below should also be stated clear of same.

Upper Deck	Butts, <i>Trible</i> riveted for <i>whole</i> length amidship.	Butts of Side Stringers	<i>riveted</i>
Stringer Plate	Straps, single, double or overlapped for <i>whole</i> length amidship.	" Tie Plates	<i>riveted</i>
Second Deck	Butts, <i>Trible</i> riveted for <i>whole</i> length amidship.	Inner Bottom Plating, riveting of Edges	<i>Single Butts Double</i>
Stringer Plate	Straps, single or overlapped for <i>whole</i> length amidship.	Centre Girder Butts, <i>Trible</i> riveted	<i>Keelson Butts, riveted</i>
		Frames, riveted through Plates with <i>7/8 x 3/4</i> in. Rivets, about <i>6 1/4 x 5 1/4</i> apart.	
		Rivets, state whether Iron or Steel	<i>Iron</i>
FRAMES extend in one length from <i>middle line to margin plate, thence to upper deck, and alternately to poop, bridge and forecastle.</i>		State if ordinary or joggled <i>joggled</i>	
REVERSED FRAMES on floors and frames extend from <i>middle line to margin, double under engines and at boiler</i>		State if ordinary or joggled <i>joggled</i>	

MASTS, SPARS, &c.												
	Material.	Total Length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.		
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.	
LOWER MASTS.....	Fore	Steel	60.0	17 x 30	13 1/2 x 30	✓	14 x 25	Two	✓	✓	Single	Double
	Main	do	52.6	do	do		do	do	✓	✓	do	do
	Mizen											
Downspit												
Topmasts, Yards and Remainder of Spars												
Rigging, Material and Size, Shrouds			3 1/4	G. S. W.								
Sails.			Suit of	None								

Sails, and the following spars: *Stays 3 1/4 x 2 1/2 G. S. W.*

GENERAL REMARKS—(continued).

The vessel sustained slight damage to the starboard bow whilst being towed down to Greenock after her launch on Sept^r 11th 1924, through striking the wharf at the works of Mess^{rs} W^m Beardmore & Co. The cause of the accident is stated to have been the parting of one of the bow ropes of the tug.

The vessel was examined at Greenock on 16th Sept. 1924 when the plating was found very slightly indented in the 3rd and 4th strake below the sheerstrake between Nos 1 & 2 frames from forward.

The indentations being extremely slight, it was not considered necessary to fair the plating, but the riveting and caulking were overhauled and made efficient.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 16.56 ft., ~~Length of Poop~~ Bridge 58.0 ft., Forecastle 22.74 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated.

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) 1 deck steel

Official No. ☒ ; Signal Letters ☒ State if Machinery is fitted aft No

How are the surfaces preserved from oxidation? Inside Cement and paint Outside Paint, Black Composition

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors Cellular System

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	74	144	Fore peak tank,	20.0	72
Double bottom, under Engines and Boilers,	34	96	After peak tank,	14.0	35
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	96	214	Other tanks, if fitted,		
Total capacity of double bottom		454	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks. 70 ft

State whether the above have been tested as required by the Rules Yes

Order for Special Survey No. 5619

Date 28.5.1924

No. 605 in builder's yard.

DATES OF SURVEYS held while building

1920 Aug 1 Oct 15 Nov 17 Dec 3.20 1921 Jan 19 1924 Mar 5.14.21.24.31 Apr 11.9.15.18.23.30 May 7.15.26.28 Jun 4.13.20.27.30 July 3.4.11.15.17.29 Aug 5.13.18.24.28 Sep 8.16 Oct 1 Nov 22

Total No. of Visits 140

Surveyor's Signature

George Nicol
Lloyd's Register
Foundation