

With or Without
Disconnected Erections.

STEEL STEAMER.

WED. JUN. 23 1921

Received at London Office

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

Yes.

Date of completion of report 19. 6. 20. Port of Glasgow
Survey held at Grangemouth Date, First Survey 15. 7. 19. Last Survey 14. 6. 1920
On the (State if Single, or Double, or Screw) Single S.S. "FIRPARK" Rig Schooner

TONNAGE under 1769.28

Tonnage Deck 1769.28

Do. between Tonnage Dk. 1769.28

and 3rd and 4th Dk. 1769.28

Total under Upper Dk. 1769.28

Do. of Poop 15.50

Do. of R.Q. Dk. Round House 63.01

Do. of Bridge House 11.89

Do. of Forecastle 4.82

Do. of House on Dk. 6.66

Do. of excess of Hatchways 55.64

Do. above Crown of Engine Room 1954.80

Gross Tonnage 1954.80

Less Crow Space 82.77

Less above Crown of Engine Room 625.54

Less Navigation Spaces 55.44

Less Crow Space 62.77

Register Tonnage 1191.05

as out on Beam 1191.05

CLASS + 100 A 1

Breadth (greatest moulded) 41.66

Depth, at middle of length from top of keel to top of upper deck beams at side 20.79

Transverse Number 62.45

Length on deck from fore part of stem to after part of stern post 280

Longitudinal Number 17486

Depth "d," at middle of length (See Secs. 2 & 13) 17.96

Proportions—Depths to Length—Upper Deck Beam at side to top of keel 13.46

Long Bridge Deck Beam at side to top of keel 10.07

Destined Voyage

Master W. Taylor

Year of appointment 1920

Built at Grangemouth

When built 1920

Launched 24. Feb. 1920

By whom built Grangemouth Dockyard Co. Ltd.

Owners Denholm Shipping Coy. Ltd.

Managers J. F. Denholm

Residence

Port belonging to Greenock

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

LENGTH on Deck as per Rule 280 - BREADTH Moulded 41 8 DEPTH, ACTUAL Top of Floors to top of Upper Dk. Beams 19 7 No. of Decks with flat laid One No. of Tiers of Beams One

Moulded depth, ft. 27 ins. 92 To Bridge Dk. Round of Upper Dk. Beam, Actual 14 1/2 ins. Moulded depth, ft. 20 ins. 92 To Upper Dk.

RAMING. Bars amidships 9 3 1/2 48 9 3 1/2 48 Bulk angle 5 3 38 5 3 38

able Bottoms at Solid Floors 3 3 34 3 3 34 at intermdt. Bkts. 7 3 44 7 3 44

om centre to centre amidships 30 30 from 1/2 length to Collision bulkhead 27 27 in peaks 18 18

E. Angles 3 3 34 3 3 34 at intermdt. Bkts. 7 3 40 7 3 40

girders 9 9 thickness of Floor Plating for 1/2 length amidships 3 3

ae and Boiler Spaces 3 3 ends of vessel 3 3

alf breadth, as per Rule 36 36

able Bottoms 36 36

ed (top & bottom) 36 36

olid floors 36 36

Dbt. bottom dpth. & thickness 36 36

gles, Top 3 3 40 3 3 40 Bottom 3 3 40 3 3 40

to Floors 3 3 34 3 3 34

Brackets at intermdt. frmg., width & thkns 39 39

SIDE GIRDERS, number on each side & thickness 32 32

state if flanged (top and bottom) 3 3 34 3 3 34

Angles (top and bottom) 3 3 34 3 3 34

to Floors 3 3 34 3 3 34

MARGIN PLATE, depth (exclusive of flange) and thickness 29 29

Angle to Outside Plating 32 32

Floors 3 3 34 3 3 34

Brackets at intermdt. frmg., width & thkns 33 33

Height of Outside Brackets above at bilge 20 20

INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake 36 36

in Engine and Boiler space 36 36

Remainder in Holds 36 36

BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel 3 3 48 3 3 48

Spacing 30 30

BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel 3 3 48 3 3 48

Spacing 30 30

BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel 3 3 48 3 3 48

Spacing 30 30

BEAMS, Poop Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel 3 3 48 3 3 48

Spacing 30 30

BEAMS, Bridge Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel 3 3 48 3 3 48

Spacing 30 30

BEAMS, Forecastle Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel 3 3 48 3 3 48

Spacing 30 30

WEB FRAMES.				Inches in Ship.				Inches per Rule.				FORGINGS or CASTINGS.				Inches in Ship.				Inches per Rule.			
WEB FRAMES, In Fore Body, No. and spacing.												KEEL, Bar, depth and thickness											
breadth & thickness																							
No. of Side Stringers																							
WEB FRAMES, In E. & B. Space, No. & spacing				One								STEM, moulding and thickness				8½ = 2¾				8½ = 2¾			
breadth & thickness				Bks. end .30				Bks. end .30								7½ = 5½				7½ = 5½			
WEB FRAMES, In After Body, No. and spacing												STERN-POST for Rudder do. do.				8½ = 5½				8½ = 5½			
breadth & thickness																							
No. of Side Stringers																							
Size of Face Angles to Web-Frames				5x3x.30				5x3x.30															
Web Frames, depth and thickness				14 from shell				14 from shell															
BULKHEADS.				Number.				Thickens.				STIFFENERS.				Single or Double				Height up state deck.			
Vessel.				Per Rule.				Horizontal.				Vertical.				Frames.							
				Inches.				Inches.				Inches.				Inches.							
W.T.BULKHEADS				4 4				38 38				Recess Top 28-3-18 24				Single Up Ok.							
A.P.								38 38				Thrust Reass 27-3-16 30											
A.E.R.								40 38				27-3-16 30											
B.R.								40 38				27-3-16 30											
COLLISION..								W.T. Flat				38 38											
WATERTIGHT..								38 38				38 38											
LONGITUDINAL..																							
Are the outside Plates doubled two spaces of Frames in length? Brackets in lieu.																				Yes.			
Are the Stanchions and Watertight Doors in efficient working order?																				Yes.			
PLATING.										RIVETING.													
AS IN SHIP.										PER RULE OR AS APPROVED.													
STRAKES										EDGES.													
AMIDSHIP.										Ordinary or Joggled?													
Forward.										Butts.													
Aft.										Double or Triple.													
Thickness.										Spacing.													
Breadth.										Straps.													
Inches.										If Lapped.													
Flat Plate Keel.....										Double													
GARBOARD of A Strake										Single													
State actual thickness in way of Double Bottom.										Treble full													
Up Ok. Shear.										Treble full													
Orig. size.										Treble full													
L										Treble full													
M										Treble full													
N										Treble full													
O										Treble full													
P										Treble full													
Q										Treble full													
R										Treble full													
S										Treble full													
T										Treble full													
U										Treble full													
V										Treble full													
W										Treble full													
THICKNESS OF SHEET PILE										Double													
CLEAR OF LONG BRIDGE										Single													
DO. OF STRAKE BELOW										Double													
DRLG. of Flat Plate Keel										Single													
Sheerstrakes										Double													
Length and thickness.										Single													
POOP SIDES										Double													
SHORT BRIDGE SIDES										Single													
FORECASTLE SIDES										Double													
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 of Side Stringers													
Stringer Plate										Tie Plates													
Second Deck										Inner Bottom Plating													
Stringer Plate										Centre Girder Butts													
Frames										Rivets, state whether Iron or Steel													
FRAMES extend in one length from Centre line to Margin plate on from M.P. to U.D.K. + B. etc. alternately.																							
REVERSED FRAMES on floors extend from but frame 3x3x.40 angle not scamped top of floor.																							
State if ordinary or joggled.																							
MASTS, SPARS, &c.																							
Material.																							
Total Length.																							
DIAMETER AND THICKNESS.																							
No. of Plates in round.																							
Angles.																							
Riveting.																							
Lower Masts.																							
Topmasts.																							
Rigging, Material and Size, Shrouds																							
Sails, and the following spare sails																							

EQUIPMENT NO.	ANCHORS	WEIGHT, EX-STOCK	WEIGHT OF STOCK	TEST PER CERTIFICATE	WRIGHT REQUIRED BY TABLE 31	Description of Anchor	Makers	Where and when tested and Superintendent
No. Certificate	Anchors	Cwts. qrs. lbs.	Cwts. qrs. lbs.	Tons cwt. qrs. lbs.	Cwts. qrs. lbs.			
23640	1st Bower ...	36 2 7	36 2 7	35 10 1	35 2 -	Bysse stockless	J. Taylor & Co. Ltd.	Dundee, L. Haffner, 24. 12. 18.
23669	2nd "	36 1 14	36 1 14	33 7 -	35 2 -	do	do.	Dundee, L. Haffner, 10. 1. 19.
23689	3rd "	30 1 14	30 1 14	28 18 -	30 0 0	do	do.	Dundee, L. Haffner, 15. 1. 19.
23689	4th "	103 1 7	103 1 7	-	-	-	-	-
24554	Stream Collecting weight.	9 2 -	9 2 -	11 11 -	9 1 -	Ord. Fgd. W. Iron do.	Jn. Wright & Co. Ltd.	Glasgow, S. G. Paine, 21. 2. 19.
23817	Kedge.....	4 3 14	4 3 14	7 5 -	4 3 -	-	S. J. Taylor & Co. Ltd.	Glasgow, S. G. Paine, 21. 2. 19.

Particulars of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	Drop Test of	1st Bower	2nd "	3rd "	4th "
		21 - 2 - 14 ✓	21 - 3 - 0 ✓	17 - 3 - 14 ✓	
		D.D.W. 1322.	D.D.W. 1321.	O.D.W. 1662.	
		30. 10. 18.	30. 10. 18.	31. 5. 18.	

CHAIN CABLES.				HAWERS AND WARPS.						
Number of Certificate	Length and size supplied. Length. Diam.	Test per Certificate. Status Break-ing.	Supplied Per Rule. Cwts. qrs. lbs.	Length and Size per Table 31. Length. Diam.	Description Makers of Cables.	Where and when tested, and Superintendent.	Material	Length and Size supplied. Length. Cir.	Breaking Test of Steel Wire Towingline. Length. Cir.	Per Table 31. Length. Cir.
11741	Fathoms. 210	Ins. 3/4	55% 118	324-1-7	Steel link S. Taylor & Co. Ltd.	Dundee, L. Haffner, 24. 3. 19.	TOWLINE	Fathoms. 90	Ins. 2 3/4	26
5554	" 30	" 3/4	55% 118	47-3-7	do. do.	Glasgow, S. G. Paine, 21. 2. 19.	HAWSERS & WARPS	" 90	" 2 3/4	qz 24
Stream	" 75	" 4	33	15				" 90	" 2 3/4	qz 24
Steel Wire	" 4							" 90	" 2 3/4	qz 24

Boats 2 lifeboats + dinghy.
Pumps, Number Downton + crown off fire pump tank
Windlass is Emerson Walker + Thomson Bros.
Engine Room Skylights.—How constructed? Steel plates angles.
Coal Bunker Openings.—How constructed? Steel plates angles.
Number of Scupperns, and numbers and dimensions of Freeing Ports, &c. Scupperns: 3 ea. side fore well. Freeing ports 4 ea. side fore well.
Ceiling in Holds, thickness and material 2 1/2 W.P.
Cargo Hatchways.—How formed? Steel plates + angles.
State size No. 1 Hatch (Forward) 25' x 16'. No. 2 Hatch 25' x 16'. No. 3 Hatch 25' x 16'. No. 4 Hatch 22' x 16'.
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 4 shifting web plates to each hatch. No fore + afters.
No. of Breasthooks One No. of Crutches Deep floors
Butlwarks, height above deck and description 5' 3" fore, 4' 0" aft. Plate 25". Main Rail, material and size 7' 3" x 40 L steel.
The foregoing is a correct description.
Builder's Signature (here enter)
Surveyor's Signature
Secretary's Letter of various dates.
Correspondence.—State dates and initials of letters respecting this case.
Workmanship. Are the butts of plating planed or otherwise fitted?
Is the riveted work properly closed?
Are the liners between the frames and plates solid single pieces?
Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other?
Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces?
Are the butts of Plating, Stringers, &c., properly shifted and strapped?
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)?
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)?
General Remarks (State quality of workmanship, &c.)

This vessel has been built in accordance with the approved plans, the Secretary's letter of various dates generally in conformity with the Rules for the class contemplated.
Nine approved plans enclosed herewith also one forging forms.

The Surrogate should state the Number of Report and Name of any Sister Vessel.
Plans to be forwarded with F.E. Report showing vessel as built.

The amount of Entry Fee £ 4 : - -
Special Survey Fee... £ 71 : 16 : -
Travelling Expenses, if any £ 3 : 18 : -
Total £ 75 : 16 : -
Received by me
Date 25/6/20
Certificate to be sent to GLASGOW. Date of issue 5/7/20
Surgeon to Lloyd's Register of Shipping.

Outside. *Paint*

L. R. Edger