

## STEEL STEAMER or MOTORSHIP.

Received at London Office -5 AUG 1925

State if Report has been sent on the Freeboard of the Vessel YesState if Report is sent on the Machinery of the Vessel YesDate of completion of report 31<sup>st</sup> July 1925Port of GreenockNo. 18437Survey held at Port GlasgowDate First Survey 30<sup>th</sup> January, 1925Last Survey 30<sup>th</sup> July,

1925

On the (State if Machinery fitted with and (if Single, Twin or Triple Screw)

Twin S. Grab Hopper Dredger"N<sup>o</sup> 35"Mchy. aft.

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings)

Full Scantling

State Type of Erections

None

TONNAGE under Tonnage Deck

1044.24CLASS +100 A1

State if with freeboard

No"HOPPER DREDGER"

FEET.

Built at Port Glasgow

Do. of space or spaces between Tonnage Dk. and Upper Dk.

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)

L 220.0Launched 24<sup>th</sup> July '25 Yard No. 276

Total

1044.24

Breadth (greatest moulded)

B 37.5Builders Ferguson Bros. (Port Glasgow) & Co.

Gross Tonnage

1101.23

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)

D 16.75Owners Mersey Docks & Harbour Board

Register Tonnage

465.231st Longitudinal Number (L x D) = 3685

Managers

(Where necessary to be entered in Reg. Book.)

## REGISTERED DIMENSIONS.

FEET.

Length

220.6

Framing Depth "d," at middle of length. See Sec. 3 (1d)

14.92Residence Liverpool

Breadth

37.77

Proportions—Depth to Length—Uppermost continuous deck to top of keel

13.13Port of Registry Liverpool

Depth

15.7

Draught Moulded

14.5

If surveyed while building, afloat, or in dry dock

While building & afloat.

## FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.
<b>FRAMES, Spacing amidships</b>	<u>24</u>				<b>BILGE KEELSON.</b>				
" " from $\frac{1}{2}$ length to Collision bulkhead	<u>24</u>				<b>Bracket Floors, Frame</b>	<u>7</u>	<u>3<math>\frac{1}{2}</math></u>	<u>42</u>	
" " in peaks	<u>24</u>				" " <b>Reversed Frame</b>	<u>4<math>\frac{1}{2}</math></u>	<u>3<math>\frac{1}{2}</math></u>	<u>40</u>	
" " <b>IN WAY OF HOPPER</b>	<u>22<math>\frac{1}{2}</math></u>				" " <b>Vertical Struts</b>				
<b>SIDE FRAMING.</b>					<b>SIDE STRINGER, N<sup>o</sup> EACH SIDE.</b>	<u>1</u>			
Frame Amidships, Angle, <b>E</b> or <b>F</b>	<u>6<math>\frac{1}{2}</math></u>	<u>3</u>	<u>42</u>		<b>Centre Girder, depth and thickness amidships</b>				
" " <b>IN WAY OF HOPPER</b>	<u>6<math>\frac{1}{2}</math></u>	<u>3</u>	<u>40</u>	<u>6<math>\frac{1}{2}</math> x 3 x 36</u>	" " <b>top Angles</b>	<u>14</u>		<u>40</u>	
" " Extends up to				<u>UPPER DECK</u>	" " <b>bottom Angles</b>	<u>3</u>	<u>3</u>	<u>30</u>	
<b>Reversed Frame Amidships, Angle</b>	<u>3</u>	<u>3</u>	<u>40</u>		<b>Side Girders, No. each side and thickness</b>				
" " Extends up to				<u>ACROSS FLOOR ONLY.</u>	<b>Margin Plate</b> depth (excl. of flange) and thickness				
<b>FLOORS IN HOPPER POCKETS</b>				<u>FLANGED 2<math>\frac{1}{2}</math>" IN LIEU REV. FR.</u>	" " <b>Vertical Angle to Tank side</b>				
<b>Depth of Framing Girder</b>				<u>A.P. FRAMING</u>	Bracket abaft $\frac{1}{2}$ len. from stem				
<b>Frames in Uppermost Continuous 'tween Decks, Angle, <b>E</b> or <b>F</b></b>	<u>6<math>\frac{1}{2}</math></u>				" " <b>Vertical Angle to Tank side</b>				
" " <b>Second 'tween Decks, Angle, <b>E</b> or <b>F</b></b>					Bracket forward $\frac{1}{2}$ len. from stem				
" " <b>Third</b>					" " <b>Gussets, spacing and scantling</b>				
<b>Framing in Peaks, Angle <b>E</b> or <b>F</b></b>	<u>6</u>	<u>3</u>	<u>40</u>	<u>5<math>\frac{1}{2}</math> x 3 x 40</u>	abaft $\frac{1}{2}$ len. from stem				
<b>Diameter and Spacing of Rivets through Shell Plating</b>	<u><math>\frac{3}{4}</math></u>	<u>6</u>	<u>5<math>\frac{1}{2}</math></u>		" " <b>Gussets, spacing and scantling</b>				
<b>State if Frame Joggled</b>				<u>YES</u>	forward $\frac{1}{2}$ len. from stem				
<b>FRAMING ARRANGEMENTS (Sec. 7), state system and particulars</b>	<u>1. SIDE STRINGER</u>				<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>				
	<u>IN PEAK</u>				<b>INNER BOTTOM PLATING.</b>				
	<u>14</u>		<u>40</u>	<u>30</u>	Breadth and thickness of Middle Line Strake				
<b>STRENGTHENING OF BOTTOM FOR WARD. State Particulars</b>					Thickness of remainder in Holds				
<b>SINGLE BOTTOM.</b>					Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?		<u>YES</u>		
Floors, Depth and thickness at mid-line in Holds	<u>22</u>		<u>40</u>		<b>BEAMS.</b>				
Height of Brackets at side above base line at toe of frame	<u>44</u>				<b>Uppermost Continuous Deck, amidships</b>	<u>7</u>	<u>3</u>	<u>40</u>	
<b>Middle Line Keelson, on Floors, Angles, <b>E</b> or <b>F</b></b>	<u>5</u>	<u>3<math>\frac{1}{2}</math></u>	<u>44</u>		" " <b>in Walls, Angle, <b>E</b> or <b>F</b></b>				
" " <b>Through Plate on Intercostal Plate</b>				<u>40</u>	" " <b>in way of Bridge, Angle, <b>E</b> or <b>F</b></b>	<u>5</u>	<u>3</u>	<u>34</u>	
" " <b>Foundation Plate on Floors</b>					Spacing				<u>EVERY FRAME.</u>
" " <b>Flat Plate Keel Angles</b>	<u>3<math>\frac{1}{2}</math></u>	<u>3<math>\frac{1}{2}</math></u>	<u>48</u>		<b>CRAIN SOLE, FORWARD.</b>				
<b>Side Keelsons, No. each side</b>	<u>2</u>				<b>Second Deck, amidships, Angle, <b>E</b> or <b>F</b></b>	<u>7</u>	<u>3</u>	<u>38</u>	
" " <b>thickness of Intercostal Plate</b>				<u>40</u>	Spacing				<u>ALT. FRAMES.</u>
" " <b>Angles</b>	<u>5</u>	<u>3</u>	<u>36</u>		<b>Third Deck, amidships, Angle, <b>E</b> or <b>F</b></b>				
<b>DOUBLE BOTTOM.</b>					Spacing				
Solid Floors, thickness and spacing					<b>Fourth Deck, amidships, Angle, <b>E</b> or <b>F</b></b>				
" " <b>Are Frame and Reversed Frame joggled?</b>					Spacing				
<b>Bracket Floors, breadth and thickness at middle line</b>					<b>Poop Deck, Angle, <b>E</b> or <b>F</b></b>				
" " <b>breadth and thickness at margin plate</b>					Spacing				
					<b>Bridge Deck, Angle, <b>E</b> or <b>F</b></b>				
					Spacing				
					<b>Forecastle Deck, Angle, <b>E</b> or <b>F</b></b>				
					Spacing				

TELEPH

Refer.

41

97

FORGINGS ~~and~~ CASTINGS.

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EQUIPMENT No. 12145												LETTER	ANCHORS.		
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT ASSIGNED BY TABLES.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	APPROVED. Cwts.			
58779	1st Bower ...	27	0	18	Stockless			26	9	1	14	26 1/2	Byers Type	S. Taylor & Son	Lipton, 8.4.25 Drysdale
58780	2nd " ...	27	0	0	"			26	7	2	0	26 1/2	"	"	" " "
58781	3rd " ...	27	0	10	"			26	9	1	14	26 1/2	"	"	" " "
	Collective weight.	81	1	0								80 1/4			
58793	Stream .....	8	0	7	"			10	2	2	0	8	Saylor's Deadweight	"	" 28.4.25 "

CHAIN CABLES.													HAWSERS AND WARPS.					
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.			Length and Size <del>as supplied.</del> Length. Diam.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size <del>as supplied.</del> Length. Cir.	
	Length.	Diam.	Statutory.	Breaking.	Supplied.	Per Rule.	Fathoms.	Ins.	Fathoms.					Ins.	Fathoms.		Ins.	Fathoms.
59725	210 1/2	1 1/2	43 1/2	61 1/2	269.3.19	26 1/4	210	1 1/2	Stud Lead	S. Taylor & Sons.	Lipton, 28.4.25	TOWLINE... HAWSERS & WARPS	Fathoms.	Ins.	Tons.	Fathoms.	Ins.	
														90	3 1/2	30.7	90	3 1/2
												W.A. Drysdale						
Iron Stream Steel Wire	75	3/4		35 1/2			75	3/4	G.S.W.	R.S. Newall.		"						

Steering Gear, Steam *BY J. LYNN & CO.* Steering Gear, Hand *MT. BY DONKIN & CO.*

Boats *2 LIFEBOATS 21 FT.* Steering Chains, Size and Test *7/8" DIA. SHORT LINK, 9.2.2.0* Windlass *STEAM, BY CLARKE CHAPMAN.*

Ceiling in Holds, thickness and material ☒ Cargo Battens, thickness, material and spacing ☒

*HOPPER*  
Cargo Hatchway (Upper Deck) *STEEL PLATES & ANGLES.* Thickness of Hatches ☒

*HOPPER*  
Size of *No. 1* Hatchway (Forward) *74.4" x 21.6"* No. 2 ☒ No. 3 ☒ No. 4 ☒ No. 5 ☒ No. 6 ☒

Number of Shifting Beams and/or Fore and Afters ☒

**FERGUSON BROTHERS (PORT-GLASGOW) LTD.,**  
Builder's Signature *Robert Ferguson* **DIRECTOR.**

GENERAL DECLARATION *The vessel has been built in accordance with the approved plans, instructions & printed Rules of this Society. The materials & workmanship are of good quality. The freeboard has been verified & the marks cut in on the vessel's sides. The peaks, fuel tanks, W.T. Bulkheads, weather deck, hand pumps & W.T. door have been tested as required by the Rules, & found satisfactory. The cross bunker has been built to carry oil fuel (for burning), & has been tested as required by the Rules & found satisfactory.*

The amount of Entry Fee ..... £ 5 : 0 : 0 Fees applied for, 1. 8. 1925.

Special Survey Fee.... £ 110 : 2 : 0 Received by me, 31. 8. 1925

*FREEBOARD.* 5 : 0 : 0

Travelling Expenses, if any £

I am of opinion the Vessel should be Classed **+ 100 A1.**

"HOPPER DREDGER"

State whether the Vessel has been built under Special Survey *YES.* Signature *H. L. Swinton*

*Surveyor to Lloyd's Register of Shipping.*

Certificate to be sent to *GREENOCK.* Date of issue *1/9/25.*

Committee's Minute **GLASGOW 4 - AUG 1925**

Character assigned *+ 100 A1.*

*Hopper dredger*

*7.25*

*Lloyd's Assoc*

*+ LMC 7.25*

The Surveyors are requested not to write on or below the Committee's Minute.

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

List of Plans.

Midship Section  
Profile & deck plan.  
Sternpost & Rudder  
Propeller brackets  
Pumping arrangement  
Forging Reports (5)  
Midship section as built.

PILLARS, N

Centre L

Stiffener

Plating

STRINGER

Uppermo

Stringer

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in way

Thicknes

in way

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Second B

Stringer I

STRAKE

FLAT PLATE KI

„ ~~Deck~~

BOTTOM PLATING

of Strakes ..

BILGE PLATING,

Strakes ....

SIDE PLATING,

Strakes ....

UPPER DECK,

strake in We

Upper Deck,

strake in Bri

STRAKE BELOW

strake in We

STRAKE BELOW

strake in Bri

POOR SIDE PLAT

BRIDGE SIDE PL

FORECASTLE SIDE

Total No. of V

Ext

As

MIDSHIP BUT

COLLISION

AFTER PEAK

Particulars of Drop Test of Cast Steel Anchors, viz. :— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	Wright 16-2-9, Surv. Sigs. J.D., W. of Certif. 5411, Date of test 26-11-20.				
	2nd „	„	16-3-10,	„	J.D.,	5406, 12-11-20,
	3rd „	„	16-3-0,	„	J.D.,	5407, 12-11-20,

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

No. and Material of Decks and No. of tiers of Beams (this information is to be given as it should appear in the Register Book)

1 BK (Stl - u.s.).

Official No. ; Signal Letters . . . . . If bottom of Vessel has been coated Inside yes give  
particulars of composition Portland cement.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length.		Where Fitted.	*Length.		Water Capacity.
	Feet.	Tons.		Feet.	Tons.	
Double bottom, aft,			Fore peak tank,			
Double bottom, under Engines and Boilers,			After peak tank,			
Double bottom, if under Engines only,			Deep tank, aft,	9.37	24	
Double bottom, if under Boilers only,			Deep tank, forward,	9.27	24	
Double bottom, forward,			Other tanks, if fitted, .			
Total capacity of double bottom			(If necessary, furnish further information by sketch.)			

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

Order for Special Survey No. 3141

Date 19-12-24.

Dates of Surveys held while building

(1925) Jan 30. Feb 9. 12. 17. 20. 23. 25. Mar. 3. 6. 10. 12. 16. 18. 23. 25. 30. Apr. 2. 8. 10. 15. 20. 24. 29. May 4. 7. 8. 12. 15. 19. 22. 26. 28. June 1. 3. 4. 10. 11. 15. 17. 19. 25. 29. July 14. 23. 30.

Rpt. 4.

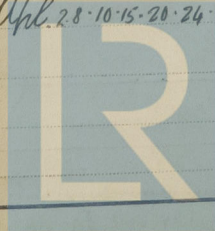
REP

ELEPHONE: GREENOCK 2



reference

E.



Lloyd's Register Foundation