

# STEEL STEAMER OR MOTORSHIP.

Received at London **1 AUG 1951**

State if Report has been sent on the Freeboard of the Vessel **YES**

State if Report is sent on the Machinery of the Vessel **YES**

Date of completion of report **14<sup>th</sup> JUNE 1951** Port of **GREENOCK** No. **24460**

Survey held at **PORT GLASGOW** Date First Survey **26<sup>th</sup> APRIL 1950** Last Survey **14<sup>th</sup> JUNE 1951**

the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) **STEEL SINGLE SCREW HOPPER BARGE "J.P. WEBB" MACHINERY RET.**

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) **FULL SCANTLING** State Type of Erections **FORECASTLE**

Net Tonnage under Tonnage Deck ... **853.99**

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

Tonnage **971.67**

Net Tonnage **309.37**

## REGISTERED DIMENSIONS.

FEET  
Length **199.0**  
Breadth **36.15**  
Depth **15.6**

CLASS **HOPPER BARGE** State if with freeboard as condition of Class **NO**

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) **195.0**

Breadth (greatest moulded) **36.0**

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) **17.0**

1st Longitudinal Number (L x D) **-**

2nd Numeral L x (B + D) **10335**

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

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

Do. Long Bridge to top of keel **-**

Draught Moulded **14.9"**

Built at **PORT GLASGOW**

Launched **5<sup>th</sup> APRIL 1951** Yard No. **397**

Builders **FERGUSON BROS (PORT GLASGOW) LTD**

Owners **MELBOURNE HARBOUR TRUST COMMISSIONERS**

Managers **-**  
(Where necessary to be entered in Reg. Book)

Residence **MELBOURNE**

Port of Registry **MELBOURNE**

If surveyed while building, afloat, or in dry dock

**BUILDING AFLOAT & SLIPWAY (UNSLIPPED 31-5-51)**

## 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.
FRAMES, Spacing amidships.....	22	✓	Bracket Floors, Frame.....		
" " from 1/2 length amidships to Collision bulkhead.....	22	✓	" " Reversed Frame.....		
" " in peaks.....	22	✓	" " Vertical Struts.....		
DE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, <b>E or F</b> .....	6	3	top Angles.....		
" " Extends up to.....	DICK	✓	" " bottom Angles.....		
Reversed Frame Amidships, Angle.....			Side Girders, No. each side and thickness.....		
" " Extends up to.....			Margin Plate depth (excl. of flange) and thickness.....		
Depth of Framing Girder.....	6	✓	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem.....		
Frames in Uppermost Continuous 'tween Decks, Angle, <b>E or F</b> .....			" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area.....		
" " Second 'tween Decks, Angle, <b>E or F</b> .....			" " Girders, spacing and scantling abaft 1/2 len. from stem.....		
" " Third.....			" " Girders, spacing and scantling from forward 1/2 len. from stem to Panting Area.....		
" " from 1/2 len. for'd. to 15% len. from Stem.....	8	3	Tank Side Brackets, height above base line at toe of Frame and thickness.....		
" " in Peaks, Angle or <b>E</b> .....	7	3	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships.....	5	3	Breadth and thickness of Middle Line Strake.....		
State if Frame Joggled.....	3/4	✓	Thickness of remainder in Holds.....		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?.....	YES	✓	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?.....		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?.....	YES	✓	BEAMS.		
DOUBLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, <b>E or F</b> .....	5	3
Floors, Depth and thickness at <b>WINGS</b> in Holds <b>HOPPER &amp; FORE HOLD</b> .....	23	✓	" " in way of Bridge, Angle, <b>E or F</b> .....	4	3
Height of Brackets at side above base line at toe of frame.....	46	✓	Spacing.....	EVERY FRAME	✓
Middle Line Keelson, on Floors, Angles, <b>FORE HOLD</b> .....	4	3	<b>8097</b> Second Deck, amidships, Angle, <b>E or F</b> .....	4	3
" " Through Plate or Inter-costal Plate.....	27 1/2	✓	Spacing.....	30	✓
" " Foundation Plate on Floors.....	13	✓	Third Deck, amidships, Angle, <b>E or F</b> .....		
" " Flat Plate Keel Angles.....	3	3	Spacing.....		
Side Keelsons, No. each side <b>FORE HOLD</b> .....	ONE	✓	Fourth Deck, amidships, Angle, <b>E or F</b> .....		
" " thickness of Intercoastal Plate.....	3/1	✓	Spacing.....		
" " Angles <b>ON FLOORS</b> .....	5	3	Poop Deck, Angle, <b>E or F</b> .....		
" " <b>SHELL</b> .....	3	3	Spacing.....		
DOUBLE BOTTOM.			Bridge Deck, Angle, <b>E or F</b> .....		
Solid Floors, thickness and spacing.....			Spacing.....		
" " Are Frame and Reversed Frame joggled?.....			Forecastle Deck, Angle, <b>E or F</b> .....	5	3
Bracket Floors, breadth and thickness at middle line.....			Spacing.....	EVERY FRAME	✓
" " breadth and thickness at margin plate.....					



PILLARS, No. of Rows			INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.	INCHES IN SHIP.			Any Departure Approved Plan be Noted.
PILLARS, No. of Rows	3	IN HOLD			Stringer Plate, breadth and thickness in way of Bridge			
" in 'tween Decks, Size and Spacing	1	IN HOPPER.			Thickness of Plating abreast Deck openings in way of Wells			
" " " " "					Thickness of Plating abreast Deck openings in way of Bridge			
" in Holds HOPPER,	4" DIA. x 11' 0"				Thickness of Plating within line of openings	26	-	24
" " " " " FOR 2	3 1/4" DIA. x 7' 4 1/2" x 9' 2" x 7' 6"				If Sheathed, material and thickness			
HOPPER SIDES					Third Deck.			
Centre Line Bulkhead,					Stringer Plate, breadth and thickness			
Stiffeners and Spacing	6	3	40	EVERY FRAME.	If Plated, state thickness			
Plating, thickness of		3/8"			Fourth Deck.			
STRINGERS AND DECKS.					Stringer Plate, breadth and thickness			
Uppermost Continuous Deck.					If Plated, state thickness			
Stringer Plate, breadth and thickness in Wells	70 x 42	3/4"	31	50 FT HOPPER CORNERS.	Peep Deck.			
" " " " in way of Bridge					Stringer Plate, breadth and thickness			
" Angle in Wells	3/2	3/2	14	3/4"	Plating, Sheathing, material and thickness			
Thickness of Plating abreast Deck openings in way of Wells		3/4"			Bridge Deck.			
Thickness of Plating abreast Deck openings in way of Bridge					Stringer Plate, breadth and thickness			
Thickness of Plating within line of openings	3/4"		-	20	Plating, Sheathing, material and thickness			
If Sheathed, material and thickness					Forecastle Deck.			
Stringer Plate, breadth and thickness in Wells		24			Stringer Plate, breadth and thickness		20	
Stringer Plate, breadth and thickness in Wells					Plating, Sheathing, material and thickness	20	30	UNDER WINDLASS.

SCANTLINGS.				70° EDGES.			RIVETING.					
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	State if forged? <i>NO.</i>			BUTTS.			
	AMIDSHIPS.		FORWARD.			SINGLE OR DOUBLE.	RIVETS.		No. of Rows of Rivets.	RIVETS.		STRAP LAP.
	Breadth.	Thickness.	Thickness.	AFT.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.		Inches.	Inches.		Inches.	Inches.		
Flat Plate Keel.....	<i>40 1/2</i>	<i>.54</i>	<i>.54</i>	<i>.54</i>	<i>.49</i>	<i>DOUBLE</i>	<i>3/4</i>	<i>3/7</i>	<i>WELDED</i>			
„ Dblg. (if any)												
Bottom Plating, No. of Strakes ..... <i>3</i> .....	<i>CLEAR OF HOPPER</i>	<i>.42</i>	<i>.37</i>	<i>.37</i>	<i>.38 - .34 A &amp; B. STRAKES .46 .44</i>	<i>DOUBLE</i>	<i>3/4</i>	<i>3/7</i>	<i>DOUBLE</i>	<i>3/4</i>	<i>3 LAPP</i>	
Bilge Plating, No. of Strakes ..... <i>1</i> .....		<i>.42</i>	<i>.37</i>	<i>.37</i>	<i>.37</i> <i>PORT OF HOPPER. .38 - .34</i>	<i>„</i>	<i>„</i>	<i>„</i>	<i>„</i>	<i>„</i>	<i>„</i>	
Side Plating, No. of Strakes ..... <i>1</i> .....		<i>.42</i>	<i>.37</i>	<i>.37</i>	<i>.38 - .34</i>	<i>„</i>	<i>„</i>	<i>„</i>	<i>„</i>	<i>„</i>	<i>„</i>	
Upper Deck, Sheer- strake in Wells.....	<i>40 1/2</i>	<i>.48</i>	<i>.37</i>	<i>.37</i>	<i>.44 - .34</i>	<hr/>			<i>TREBLE</i>	<i>„</i>	<i>STRAP</i>	
Upper Deck, Sheer- strake in Bridge ...												
Strake below Sheer- strake in Wells.....		<i>.42</i>	<i>.37</i>	<i>.37</i>	<i>.38 - .34</i>	<i>DOUBLE</i>	<i>3/4</i>	<i>3/7</i>	<i>DOUBLE</i>	<i>3/4</i>	<i>3 LAPP</i>	
Strake below Sheer- strake in Bridge ...												
Poop Side Plating.....												
Bridge Side Plating.....												
Forecastle Side Plating			<i>.30</i>			<i>SINGLE</i>	<i>3/4</i>	<i>3/7</i>	<i>DOUBLE</i>	<i>3/4</i>	<i>3 LAPP</i>	

Total No. of W.T. BULKHEADS in Vessel—	5 ✓
Extending to Upper Deck (Sec. 3 c).....	5 ✓
„ Deck next below.....	-
As per Rule.....	4

	Casting or Forging.	Scantlings.	Maker's Name.	Any from Plans
KEEL, Bar .....		FLAT PLATE		
STEM .....		ROLLED 6" x 1 1/2" x 46 PLATE.		
STERN FRAME {	Propeller Post .....	FORGING. 5 1/2" x 4 1/2"	FORSTER & SON	
	Rudder " .....	5 1/2" x 4 1/2"		
Speed of Vessel .....		10 KNOTS.		
RUDDER—Type .....	FORGING.	ORDINARY.	FORSTER & SON	
" A x D .....		195: 65		
" Diam. of head .....	FORGING	7 7/8"	FORSTER & SON	
" Mainpiece at top pintle .....		9 1/2" x 4 1/2"		
" " heel .....		7 1/4" x 3 7/8"		
" how constructed .....		BUILT.		
" double or single plate .....		52"		
" coupling, vertical or .....				
" horizontal .....		HORIZONTAL		

		Plating Thickness.	VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper 'tween decks						
22	22	Second	22			
22	22	Third	22			
22	22	Holds <i>FR. 43</i>	<i>45" / 30"</i> <i>43" / 30"</i> <i>625" / 30"</i>	<i>6" 3" 40"</i> <i>9" 4" 16"</i> <i>4" 3" 34"</i> <i>6" 3" 38"</i> <i>6" 3" 34"</i> <i>7" 3" 34 67C.</i>	<i>24" - 23"</i> <i>24"</i> <i>24"</i> <i>24"</i>	<i>PIPE TRUNK.</i> <i>C.L. FLAT.</i> <i>—</i>
COLLISION		(in Hold)				
AFTER PEAK						

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *OPEN HEARTH.*  
*DORMAN LONG & CO L<sup>DS</sup> CONSETT / IRON WORKS, THE STEEL CO OF SCOTLAND & COLVILL & L<sup>DS</sup>*

Has the Steel been tested as required by the Rules? *YES* ✓

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.		WEIGHT OF STOCK.		TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.		Description of Anchor.	Makers.	Where and when tested, and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.			
6992	1st Bower	23	2	7 1/2	STOCKLESS	23	11	3	14	✓	23 1/2	CHALLENGE PATTERN	HINGLEY & SONS.	CRADLEY HEATH 26-10-50 H.A.
69983	2nd "	23	2	9 1/2	"	23	11	3	14	✓	23 1/2	"	"	" " 6-11-50 "
69922	3rd "	20	1	14	"	21	1	2	7	✓	20 1/2	"	"	" " 26-10-50 "
	Collective weight	67	2	2							66 1/2			
70064	Stream	6	2	7 1/2	1 2 10 1/2	8	17	2	0	✓	6	ORDINARY.	NOT STATED	CRADLEY HEATH

Number of cable.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size per Table 53.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 53.			
	Length. Fathoms.	Diam. Ins.	Tons.	Break- ing. Tons.	Supplied. Cwts. gra. lbs.	Per Rule. Cwts.						Length. Fathoms.	Diam. Ins.		Length. Fathoms.	Cir. Ins.	Length. Fathoms.	Cir. Ins.
17155	105 5/8	1 7/8	37 1/2	55 5/8	116 - 2 - 0	222 1/4	210	1 7/8	STUR	HINGLEY & SONS	NETH <sup>d</sup> 20-11-50 H.M.	TOWLINE	90	3 1/4	21.7	90	3 1/4	
17156	105 5/8	"	"	"	115 - 2 - 20				LINK	"	"	"	"	"				
	211 1/2				232 - 0 - 20					"	"	"	"	"				
		Cir.										HAWSEYS & WARPS	90	6	-	90	6	
	60	3 1/2		25.7			60	3 1/2				"	90	5	-	90	5	

Date.	Length. Fathoms	Diam. ins.	Statu- tory. Tons	Break- ing. Tons	Supplied.		Per Rule. Cwts.	Weight of Chain Cable. per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire. Tons	Length and Size per Table 53.	
					Cwts.	qrs. lbs.		Length. Fathoms	Diam. Ins.					Length. Fathoms	Cir. Ins.		Length. Fathoms	Cir. Ins.
17155	105 3/4	1 7/8	37 1/2	55 1/2	116	2 - 0	222 1/2	210	1 7/8	STUD	HINGLEY & SONS	NETH <sup>d</sup> 20-11-50 H.M.	TOWLINE	90	3 1/4	21.7	90	3 1/4
17156	105 5/8	"	"	"	115	2 - 20				LINK	"	"	"	90	6	-	90	6
	211 3/4				232	0 - 20							HAWKERS & WARPS	90	5	-	90	5
Stream ain of el Wire	60	3 1/2		25.7				60	3 1/2				"					

Steering Gear, Type (Power or hand) STEAM BY DONKIN & CO L<sup>rs</sup> ✓  
Alternative Means of Steering LOCKS & TACKLE LED TO CAPSTAN.  
Steering Chains (Size and Test) TELE MOTOR CONTROL. ✓  
Stem Windlass BY EMERSON WALKER L<sup>rs</sup> ✓  
Boats 2-19'0" LIFEBOATS. ✓  
Rigging in Holds, thickness and material 6 1/2" 2" WHITE PINE. ✓  
Cargo Hatchways, (Upper Deck) FORMED OF STEEL PLATES & ANGLES. ✓  
Cargo Battsens, thickness, material and spacing NOT FITTED.  
Thickness of Hatches 2 1/4" PINE. ✓  
Size of Hatchways No. 1 (Fwd.) 5'-6" x 4'-0" No. 2 \_\_\_\_\_ No. 3 \_\_\_\_\_ No. 4 \_\_\_\_\_ No. 5 \_\_\_\_\_ No. 6 \_\_\_\_\_  
Number of Shifting Beams } NONE.  
and/or Fore and Afters }  
Builder's Signature E. J. Ferguson **FERGUSON BROTHERS (PORT-GLASGOW) LTD.**  
DIRECTOR

GENERAL DECLARATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel. YES  
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo. NO. The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point (where required to be inserted in the Notation).

This ship has been built under Special Survey in conformity with the Society's Rules and Regulations and the Secretary's letters. The scantlings and arrangements of the ship are as given in the report and as shown and amended on the approved plans now forwarded. All modifications or additions to the original arrangements made during construction have been indicated on the plans and have been approved as being in accordance with, or by standards equivalent to, rule requirements. The plans of midship section, profile, decks etc. showing the ship as built, now forwarded herewith, have been checked with the approved arrangements and found in order. The materials and workmanship are of good quality. The fore & after peaks, feed water and hopper pocket ballast tanks also oil fuel bunkers have been tested to rule requirements & found satisfactory. The weather decks & W.S. Bulkheads have been hose tested & found satisfactory. Bilge suction, hand pumps, windlass, steering gear and auxiliary steering gear have been tried and found efficient. Oil fuel F.P. above 150°F is carried.

amount of Entry Fee..... £ : : } Fees applied for,  
20<sup>th</sup> JUN 1951.  
Special Survey Fee..... £204 0 0 }  
FREEBOARD 14 0 0 } Received by me,  
Travelling Expenses, if any ..... £ : : } 19.....

(Special notations, where part of class, to be stated.)  
"HOPPER BARGE"  
I am of opinion the Vessel should be Classed **H 100 A.1**

whether the Vessel has been built under Special Survey **YES**

liciate to be sent to **GREENOCK OFFICE** Date of issue **10/6/51**

Signature **J. A. Jamieson**  
Surveyor to Lloyd's Register of Shipping.

Date to be sent to GREENOCK OFFICE  
 Date of issue 10/9/51  
 Signature [Signature]  
 Surveyor W Lloyd's Register of Shipping  
 Committee's Minute GLASGOW  
 Character assigned 31 JUL 1951  
4100A1  
Hopper Barge  
5.51 P. GL.  
Lloyd's R+C.P.  
+ LMC. 6.51.  
15B-200 LB. F.P.  
Fitted for oil fuel 6.51 F.P. above 150°  
 CLASSIFICATION  
 CERTIFICATES WRITTEN  
 © 2021  
 Lloyd's Register of Shipping



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 L the Plans should be embodied.)

carried in side tanks at forward end of boiler room and the requirements of Sec. 20 of the rules where applicable have been complied with.  
Lubricant verified & marks cut in on the vessel's sides.

Plans of midship section, profile & Decks etc (as built) approved plans & forging reports are forwarded herewith.

NOTE: all scantlings given include owner's extras & as approved.

PARTICULARS OF ELECTRIC WELDING (if employed) KEEL BUTTS. W.T. BULKHEADS. DECK BUTTS ABBREAST HOPPER.  
OIL FUEL BUNKERS & FEED TANK BULKHEADS. MINOR ITEMS THROUGHOUT.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book  
+ 100 A.I. "HOPPER BARGE" LLOYDS A&C.P. CRUISER STERN.  
MACHINERY AFT.  
FITTED FOR OIL FUEL 6-51 F.P. ABOVE 150°F.

RADAR Equipment (State if fitted) NOT FITTED.

State Type or Pattern No.

State } Maker  
Name } and/or  
of } Supplier

Particulars of Drop Test of Cast Steel Anchors, viz.:—  
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

INCL. PINS & BLOCKS.  
1st Bower. 12-3-18; D.P. 4209; 30-8-50  
14-2-26  
2nd " 12-3-0; D.P. 4178; 24-8-50  
14-2-9  
3rd " 12-3-0; D.P. 4094; 20-7-50  
12-2-7

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. — ft., Bridge — ft., Forecastle 25'

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. Signal Letters Extreme Breadth over Belting 37' 6" Over-all Length 207' 0"  
(Circ. 1611) (Circ. 1703)

No. and Material of Decks 1 DECK (STEEL)

Parts of Bottom of Vessel coated with cement or approved composition BITUMASTIC SOLUTION & ENAMEL. CLEAR OF O.F. BUNKERS.

HEAT PROOF CEMENT OVER SOLUTION IN STROKEHOLD. O.F. BUNKERS: MINERAL OIL.

Particulars of composition (if fitted) and of approval

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284)  
Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included

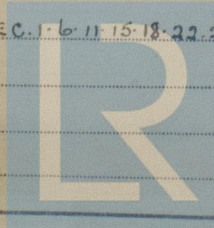
Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft, FEED TANK	11	7
Double bottom, if under Boilers only,			Deep tank, forward, HOPPER POCKETS	68	49
Double bottom, forward,			Other tanks, if fitted, O.F. TANKS	18-3	15
Total length (if continuous) and Capacity			(If necessary furnish further information by sketch.)		

Order for Special Survey No.

Date

Dates of Surveys held while building

(1950) APRIL 26 MAY 1 10 12 15 19 22 24 JUNE 1 9 12 14 19 23 27 JULY 17 27 31 AUG 3 7 11 16 21 28 31  
19 21 28 OCT 2 10 16 26 30 NOV 3 4 10 16 20 24 DEC 1 6 11 15 18 22 24 29 (1951) JAN 8 11 16 26 30 FEB  
MAR 6 13 28 30 MAY 7 8 16 29 JUNE 4 6 11 14



Lloyd's Register Foundation  
Total No. of Visits

SS.O.F. not available.