

# With or Without Disconnected Erections.

## STEEL STEAMER.

Received at London Office WED. MAY 5 1920

Date of completion of report 29<sup>th</sup> April, 1920.

Survey held at Port Glasgow & Greenock

Port of Greenock

Date, First Survey 24<sup>th</sup> March, 1919;

Last Survey

No. 17635.

1920

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

Single Screw Steamer "MOTO"

Rig Fore & aft Schooner

TONNAGE under

1876.11

Tonnage Deck...

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

Total under Upper Dk. 1876.11

Do. of Poop 84.15

Do. of R.O. Dk. 492.36

Do. of Bridge House 4.81

Do. of Forecastle (See Houses) 6.66

Do. of Houses on Dk. 68.98

Do. of excess of Hatchways 106.69

Do. above Crown of Engine Room 53.61

Gross Tonnage 2693.37

Less Crew Space 115.84

Less above Crown of Engine Room 53.61

TONNAGE FOR FEES 2523.92

Less Engine Room 1078.18

Less Navigation Spaces 137.67

Register Tonnage 1361.68

as cut on Beam

CLASS 100A1.

FEET.

Master

G. H. Woodfield

Year of appointment

(1) As Master in service of owner of present vessel: 1920  
(2) As Master of this vessel: 1920

Built at

Port Glasgow

When built

1920

Launched 19<sup>th</sup> February 1920.

By whom built

Messrs Hurdock & Hurdock & Hurdock & Hurdock

Owners

The Pelton Steamship Co Ltd

Managers

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

Residence

Millburn House

Port belonging to

Newcastle-on-Tyne

Destined Voyage Bilbao

Surveyed while Building, Afloat, or in Dry Dock

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
314	0		44	0		17	9		One
									No. of Tiers of Beams
									One

Dimensions of Ship per Register, Length 314.0 breadth 44.2 depth 17.75 Moulded depth, ft. 25 ins. 6 To QUARTER Dk. Round of Upper Dk. Beam, Actual 11 ins.

RAMING.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
Bars amidships	9	3 1/2	52	9	3 1/2	52			
B. A.	6	3	38	6	3	38			
Double Bottoms at Solid Floors	3 1/2	3 1/2	36	3 1/2	3 1/2	36			
at intermdt. Dkts.									
from centre to centre amidships									
length to Collision bulkhead									
in peaks.									
ME. Angles									
Double Bottoms at Solid Floors	3 1/2	3 1/2	36	3 1/2	3 1/2	36			
at intermdt. Dkts.									
of girder									
thickness of Floor Plate									
for length amidships									
Engine and Boiler Spaces	ES 34	BS 44	ES 34	BS 44					
the ends of vessel			36		36				
half breadth, as per Rule									
at the Bilge									
Double Bottoms			34		34				
anged (top & bottom)			NOT FLANGED						
of Solid floors			EVERY FRAME						
in Dbl. bottom, dpth. & thcknss.	38		48	38	48				
Angles, Top	4	4	56	4	56				
Bottom	6	6	74	6	74				
to Floors	5	5	40	5	40				
Boiler	5	5	46	5	46				
at ENDS	3 1/2	3 1/2	36	3 1/2	36				
intermdt. frmg. width & thckn									
umber on each side & thickness	1	2	34	1	34				
state if flanged (top and bottom)			NOT FLANGED						
Angles (top and bottom)	3 1/2	3 1/2	36	3 1/2	36				
to Floors	3	3	34	3	34				
depth (exclusive of flange)			40		40				
and thickness									
Angle to Outside Plating	3 1/2	3 1/2	40	3 1/2	40				
Floors	6	6	40	6	40				
intermdt. frmg. width & thckn	3 1/2	3 1/2	36	3 1/2	36				
Outside Brackets above at bilge			34		34				
PLATING, breadth and	54		44	54	44				
less of Middle Line Strake									
in Engine and Boiler space	ES 44	BS 52	ES 44	BS 52					
Remainder in Holds			44		44				
Deck, Single Angle, Bulb	7 1/2	3	42	7 1/2	42				
Plate, Tee Bulb, or Channel									
Long Bridge	6	3	48	6	48				
WINDY PLATING	5 1/2	3	40	5 1/2	40				
HATCH SIDES									
Deck, Single Angle, Bulb	8	3	54	8	54				
Plate, Tee Bulb, or Channel									
HATCH SIDES	5 1/2	3	40	5 1/2	40				
Fourth Deck, Single Angle									
Plate, Tee Bulb, or Channel									
upper edge									
Angle, Bulb Angle, Plate	9	3 1/2	50	9	50				
Plate, Tee Bulb, or Channel									
upper edge									
Angle, Bulb Angle, Plate									
Plate, Tee Bulb, or Channel									
Angles on upper edge									
Spacing									
BEAMS, Forecastle Deck, Angle, Bulb Angle	6	3	40	6	40				
Plate, Tee Bulb, or Channel									
Angles on upper edge	5 1/2	3	40	5 1/2	40				
Spacing									

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Lloyd's Register Foundation



[illegible]

EQUIPMENT No. 21935										LETTER T										ANCHORS.										TONNAGE U. DK. OR PLATING No. FOR TRAWLERS.									
Number of Certificate.		Anchors.		WEIGHT, E.K. STOCK			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 31.			Description of Anchor.			Makers.		Where and when tested and Superintendent.																		
				Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.																							
53003		1st Bower		42	3	7	Stockless			37	13	3	0	42	0	0	Halle Stockless		Lot stated		Lipton 30.7.19																		
53020		2nd "		42	0	0	-			37	2	2	0	42	0	0	"		"		Lipton 28.8.19																		
53017		3rd "		35	3	0	-			32	18	3	0	35	2	0	"		"		Lipton 28.8.19																		
		4th "																																					
		Collector's weight.		120	2	7							119			2	0					Lipton 28.8.19																	
33304		Stream		11	0	0	12	3	0	12	17	2	0	11	0	0	Ordinary		Hendrick & Lids		Radley Heath 8.1.20																		
33303		Kedge		5	2	0	7	1	14	7	16	1	0	5	1	0	"		"		R. L. Paul																		
Particulars of Drop Test of Cast Steel Anchors, viz. — Weight, Surveyor's Initials, Number of Certificate, Date of Test.		1st Bower		HEAD & PIN. 25 - 1 - 14										SURT INS PL		No of CERTS 3201		DATE 9-7-19																					
		2nd "		27 - 3 - 10										PL		3206		9-7-19																					
		3rd "		23 - 3 - 7										PL		3184		23-6-19																					
		4th "																																					
CHAIN CABLES.																																							
Number of Certificate.		Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE			Length and size per Table 31.		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 31.																
		Length.	Diam.	Stations.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.	Length.	Diam.									Length.	Cir.	Test.	Length.	Cir.															
22070		240	1 7/8	63-25	88-5	427-1-18	435-1-0	240	1 7/8	240	1 7/8	Steel Link Hendrick & Lids		Layfield 19-12-19		TOWLINE S.S.H.		85		4	35-0	85		4															
		75	1 1/4	35-0				75	1 1/4	75	1 1/4	S.S.W. Babcock & Wilcox				HAWSESWARPS		2590		2 1/2	18-5	2590		2 1/2															
																		2590		6	Manilla	2590		6															
Boats 2 Lifeboats & 1 Dinghy. Steering Gear, Steamby Cookin & Co. Kent's Steering Gear, Hand by J. H. Beyer & Co. P.M.																																							
Pumps, Number 1 Rowton Pump. Diameter of Barrel 5" State whether they are in efficient working order																																							
Windlass is Steam, by Emerson, Walker, Thompson Bros Ltd. Capstan																																							
Engine Room Skylights.—How constructed? Steel plates & angles. What arrangements for deadlights in bad weather? Strong bullseyes & steel flaps.																																							
Coal Bunker Openings.—How constructed? Steel plates & angles. How are lids secured? Carpenters & battens Height above deck? 30"																																							
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 5 Scuppers P.S. on Quarter 25 4 30 x 18"																																							
Ceiling in Holds, thickness and material 2 1/2 WP on frame brackets only. Cargo Battens, thickness and material Not fitted																																							
Cargo Hatchways.—How formed? Steel plates & angles. Hatches, If strong and efficient? Yes - 3" Solid.																																							
State size No. 1 Hatch (Forward) 36'-8" x 30'-6" x 15'-0" No. 2 Hatch 28'-6" x 31'-6" x 31'-3" No. 3 Hatch 28'-0" x 31'-6" No. 4 Hatch 28'-0" x 30'-6" x 27'-6"																																							
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 6 Webs in No. 1 Hatch. 5 Webs in No. 2, 3 & 4 Hatches																																							
No. of Breasthooks 5 & Deep Floors. No. of Crutches Deep Floors																																							
Bulwarks, height above deck and description Plating 48" x 30. 3 P. Slays 63 1/4 Main Rail, material and size 6 1/2 x 3 x 34 Bull's Angle.																																							
The foregoing is a correct description. George H. Murray Surveyor's Signature Robert Dunsmuir																																							
Builder's Signature (three only) George H. Murray Surveyor to Lloyd's Register of Shipping.																																							
Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)																																							
M 19. 12. 18. M 24. 12. 18. M 31. 12. 18. M 20. 1. 19. M 20. 2. 19. E 15. 2. 19.																																							
Workmanship. Are the butts of plating planed or otherwise fitted? Planed																																							
Is the riveted work properly closed? Yes																																							
Are the liners between the frames and plates solid single pieces? Joggled frames. Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Yes. Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? Yes. Do any rivets break into or through the seams or butts of the plating? A very few.																																							
Are the butts of Plating, Stringers, &c., properly shifted and strapped? Yes																																							
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Yes State results of tests Satisfactory																																							
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Yes State results of tests Satisfactory.																																							
General Remarks (State quality of workmanship, &c.) Workmanship good.																																							
The vessel has been built in accordance with the Approved Plans & the Secretary's letters of above dates.																																							
The Approved Plans (9 in No. 1) together with forging reports are forwarded herewith, also Midship Section & Profiles & Decks (as built).																																							
A copy of letter from Owners in regard to omission of bulkhead in fore hold, is attached hereto.																																							
The Surveyor 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 ..... £ 5 : 0 : 0 Fees applied for, 28th April 1920.																																							
Special Survey Fee.... £ 58 : 2 : 0 Received by me, 576/20 APR 1920																																							
Travelling Expenses, if any £ 4 : 4 : 0 Certificate to be sent to Greenock. Date of issue 11.5.20																																							
State whether the Vessel has been built under Special Survey Yes.																																							
I am of opinion this Vessel should be Classed 100A1 INTERMEDIATE BULKHEAD IN FORE HOLD DISPENSED WITH: 4 B.H. ONLY. CARGO BATTENS NOT FITTED																																							
With, or without Freeboard, as condition of Class Without.																																							
Committee's Minute GLASGOW 4-MAY. 1920																																							
Character assigned 100A1. Intermediate B.H. in fore hold dispensed with: 4 B.H. only.																																							
Lloyd's Assoc. + LMC 4, 20 Cargo battens not fitted.																																							



GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 26.7 ft., R.Q.D. 214.0 ft., Bridge ✓ ft., Forecastle 31.3 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 D<sup>s</sup> (STL) ✓

Official No. 142866 ; Signal Letters

State if Machinery is fitted aft *Mioships* ✓

How are the surfaces preserved from oxidation? Inside *CEMENT & PAINT.*

Outside *PAINT.*

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,	46.0	128	Fore peak tank,		113 ✓
Double bottom, under Engines and Boilers,	64.0	214	After peak tank,		114 ✓
<del>Double bottom, if under Engines only,</del>			Deep tank, aft,	42.0	228 ✓
<del>Double bottom, if under Boilers only,</del>			<del>Deep tank, forward,</del>		
Double bottom, forward,	114.0	291	Other tanks, if fitted,		
	Total capacity of double bottom	633	(If necessary, furnish further information by sketch.)		

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

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

*YES.* ✓

Order for Special Survey No. *2945.*

Date *3<sup>rd</sup> Feb., 1919.*

No. *291* in builder's yard.

DATES of Surveys held while building

(1919) Mar. 24. 27. Apr. 23. May 14. 19. June 24. 11. 17. 20. 24. 30. July 15. 22. 28. 30. Aug. 1. 5. 18. 25. 28. Sept. 3. 10. 15. 22. 24. 25. 30.  
Oct. 3. 7. 13. 16. 17. 23. 24. 29. Nov. 3. 11. 12. 17. 28. Dec. 1. 3. 5. 8. 10. 11. 22. 25. 30. (1920) Jan. 8. 12. 14. 19. 21. 26. 28. 30. Feb. 2. 9. 12. 18.  
Mar. 10. 19. 22. 31. Apr. 14. 20. 23. 26. 27.

Surveyor's Signature

*Robert Rumsmit.*

Total No. of Visits

*72.*

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Foundation