

WED 9 OCT 1907

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

Port of Glasgow

No. 25808

Date, First Survey 15th October

Last Survey 10th September 1900

Rig Schoone

THREE DECKED VESSEL

Master *F. Hall-Hobson*

Year of appointment { (1) As Master in service of
owner of present vessel.—19
(2) As Master of this
vessel.—19. 87

Built at Dalmuir

When built 1907 Launched 22nd Aug 1907

By whom built Wm Beardmore & Co. L^{td}.

Owners - Pacific Steam Nav. Co. Ltd

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

Residence

Port belonging to Liverpool

Building, Afloat, ^{and} ~~or~~ in Dry Dock Yes

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH— Moulded	Feet.	Inches.	DEPTH, ACTUAL— Top of Floors to top of Upper Dk. Beams Do. do. do. do. Main Dk. Beams	Feet.	Inches.	No. of Decks with flat laid No. of Tiers of Beams	2 2
588		2	50		0		25 16	10 1/2 4 1/2		

Dimensions of Ship per Register, Length 291.6 breadth 50.25 depth 25.75. Moulded depth, ft. 28 ins. 6 To Upper Dk. Round of Upper } 12 3/4 ins.
Dk. Beam, Actual }

[illegible]

PLATING.										RIVETING.									
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.				BUTTS.								
	AMIDSHIP.		FORWARD.	AFT.	AMIDSHIP.		Ordinary or jogged?		Ordinary		RIVETS.		STRAPS.		IF LAPPED.				
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Single or Double.	Breadth of Lap.	Diam.	Spacing or cr. to cr.	Diam.	Spacing or cr. to cr.	Breadth.	Thickness.	Breadth.	For what Length.			
	Inches.	20ths.	20ths.	20ths.	Inches.	20ths.		Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Feet.			
FLAT PLATE KEEL (If Bar Keel, state Riveting.)	46	20	14	14	46	20	Double	6	1	1/4	7/8	1/8	4	2 1/2	1/4	14	full.		
GARBOARD OR A Strake...		15	13	13		15		5 1/4	3	3/4		3/4	3 1/2			12			
State actual thickness in way of Double Bottom.		12	10	10		11						3/4				12			
B "		11	10	10		11						3/4				12			
C "		14	11	11		14		6	1	1/4		1	4			14			
D "		13	10	10		13						1	3 1/2			14	*		
E "		14	11	11		14		5 1/4	2 1/2	3 1/4		1	4			14	full		
F "		12	9	9		12						3	3 1/2			12			
G "		13	10	10		13													
H "		12	9	9		12													
J "		13	10	10		13													
K "		13	10	10		13		6	1	1/4									
L "		13	10	10		13													
M "	46	14	11	11	46	14						1	4	2 1/2	10				
N "																			
O "																			
P "																			
Q "																			
R "																			
S "																			
DOUBLING of Flat Plate Keel	Keel rubber 10"x2" 1/2 inch 5 7/8 C & C						* Treble riveted strap in way of bilge keel stiffened by angle lugs across.												
Length and thickness of Bilges							Bottom strengthened forward in accordance with the rules for vessels of full form.												
Length and thickness of Sheerstrakes							Length of plating 10 spaces.												
Length and thickness of Strake below																			
POOP SIDES	see L & M strakes																		
BRIDGE SIDES																			
FORECASTLE SIDES																			

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*

W. Beardmore & Co. Dorman Long Steel Co. of Scotland Lanarkshire, Cargo Steel, Palmers

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

SHELTER *quad* *1/2 L* length amidship.
Upper Deck (Butts, *treble* riveted for *1/2 L* length amidship.
Stringer Plate *single, double or overlapped for full* length amidship.
Upper Middle Deck (Butts, *treble* riveted for *full* length amidship.
Stringer Plate *single, double or overlapped for full* length amidship.
Butts of Bilge & Side Stringers and Tie Plates, *treble or double riveted? treble*
Inner Bottom Plating, riveting of Edges *double* *single* Butts *double*
Centre Girder Butts, *treble* riveted **Keelson Butts**, *✓* riveted.
Frames, riveted through Plates with *7/8* in. Rivets, about *6 1/4* apart.
Rivets, state whether Iron or Steel *Steel & iron*

FRAMES extend in one length from *margin to margin & margin to gunwale* State if ordinary or jogged *ordinary*

REVERSED FRAMES on floors and frames extend from *margin to margin in S.A.B. space* State if ordinary or jogged *ordinary*

margin to main deck except in peaks & S.P.T. Hold.

MASTS, SPARS, & C.										ANGLES.		RIVETING.		
Pole	Fore	Main	Mizen	Material.	Total Length.	DIAMETER AND THICKNESS.				No. of Plates in round.	Number.	Size.	Seams.	Butts.
						At Partners.	Between	Round.	Plated.					
Masts	Fore			Steel	128' 6"	19 1/2 x 3/4	25 x 1/2	18 1/2 x 3/4	8 x 7/8	2	3	3 x 3 x 3/4	single	treble
	Main			Steel	128' 6"	22 x 3/4	25 x 1/2	18 1/2 x 3/4	8 x 7/8	2			single	treble
	Mizen													
Bowsprit														
Topmasts, Yards and Remainder of Spars <i>Pitch Pine</i>														
Rigging, Material and Size, Shrouds <i>3/4 S.W.</i>														
Sails, <i>one</i> Suit of Sails, <i>and the following span</i>														

EQUIPMENT No. 46131 LETTER <i>Y</i>										ANCHORS.		Where and when tested and Superintendent.					
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.		WEIGHT REQUIRED BY RULES.		Description of Anchor.	Makers.				
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.			Cwts.	qrs.	lbs.	
59864	1st Bower	69	0	13	Stockless	53	7	2	0	69	0	0	Halls, C.S. 11" 10"	Hingley & Sons	12.9.07 Green		
59865	2nd "	68	3	0	- do -	53	1	3	14	69	0	0	Halls, do	- do -	" " "		
59867	3rd "	54	3	14	14	1	10	45	5	3	21	55	0	0	Bowditch Rodgers	- do -	" " "
	4th "																
	Collective weight	192	2	27						193	0	0					
59898	Stream	18	0	21	4	2	27	19	4	1	14	18	0	0	Bowditch Rodgers	Hingley & Sons	14.9.07 Green
59897	Kedge	10	2	0	2	1	24	12	8	3	0	10	0	0	- do -	- do -	" " "

Certificates of tests of Cast Steel Anchor Heads produced.

CHAIN CABLES.										HAWSERS AND WARPS									
Number of Certificate.	Length and size supplied.		Test per Certificate.	WEIGHT OF CHAIN CABLE.				Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and size supplied.		Breaking Test of Steel Wire Towline.	Length and size per Table 22.				
	Length.	Diam.		Supplied.	Per Table 22.	Length.	Diam.					Length.	Cir.		Length.	Cir.			
40894	150	2 1/16	96 1/4	150 1/4	402.3.26	580.3.22	330	2 1/16	link	Hingley & Sons	12.9.07 Green	TOWLINE	120	5 1/2	71	120	4 1/4		
40893	180	2 1/16	96 1/4	134 1/4	453.1.0	580.3.22	330	2 1/16	link	- do -	" 12.9.07 Green	HAWSEERS & WARPS	140	9 0	34	22	(2) 90 2 3/4		
Iron Stream Chain (Steel Wire)	90	1 1/2	40 1/2	58 1/2	107.1.7	103.2.21	90	1 1/2	link	Hingley & Sons	14.9.07 Green	" "				(2) 90 2 3/4			

Boats *10*

Pumps, Number *11* Diameter of Barrel *6"* State whether they are in efficient working order *yes*

Windlass is *Steam by J. M. Wilson & Sons.* Capstan *✓*

Engine Room Skylights—How constructed? *Steel*

What arrangements for deadlights in bad weather? *Steel flaps & Bulls-eyes.*

Coal Bunker Openings—How constructed? *Steel plates* How are lids secured? *Battened down* Height above deck? *30"*

Number of **Scuppers**, and numbers and dimensions of **Freeing Ports**, &c. *7 each side & open rails*

Ceiling in Holds, thickness and material *2 1/2" W.P. under battens & one timber* **Cargo Battens**, thickness and material *2" Red Pine*

Cargo Hatchways—How formed? *Steel plates and angles* **Hatches**, If strong and efficient? *yes*

State size **No. 1 Hatch** (Forward) *25' 0" x 15' 9"* **No. 2 Hatch** *25' 0" x 15' 9"* **No. 3 Hatch** *10' 5" x 15' 9"* **No. 4 Hatch** *25' 0" x 15' 9"*

Number of **Web Plates**, **Shifting Beams** and **Fore and Afters** to each Hatch *2 web in No. 1 & 2, 4 & 5, 3 web in No. 3 & 4*

No. of Breasthooks *8* **No. of Crutches** *deep floors*

Bulwarks, height above deck and description *open rails* Main Rail, material and size *open rails*

The above is a correct description.

Builder's Signature (here only) *W. M. Wilson & Sons, Ltd.* Surveyor's Signature *D. N. Sherrin* Surveyor to Lloyd's Register of British and Foreign Shipping.

Compulsory

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case)

7.27.8.06. 11.9.06. 19.9.06. 8.10.06. 8.10.06. 15.10.06. 29.10.06. 3.11.06. 29.12.06. 27.2.07. E.S.11.06.

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? *yes*

to plate, &c., conform well to each other? *yes*

from the faying surfaces? *yes*

Do any rivets break into or through the seams or butts of the plating? *a 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. 23, par. 24)? *yes*

State results of tests *satisfactory*

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? *yes*

State results of tests *satisfactory*

General Remarks (State quality of workmanship, &c.) *workmanship good*

This vessel has been built in accordance with the approved plans, the Secretary's letters of the above dates, and in general conformity to the Rules for the Class contemplated

~~The plans are forwarded herewith together with a copy of the~~
~~Midship Section & Profile and Forging & Casting Reports.~~

The plans were forwarded with the Glasgow Report 25960 S/s. Huanchaco, Four (4) Forging Reports are forwarded herewith.

Sister Ship S/s "Huanchaco" Gls Report 25960.

The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. or Break ☒ ft., Bridge Dk. ☒ ft., F'castle ☒ ft. (in feet and tenths). When the Poop is joined to the R.D. this should be distinctly stated *Complete shelter deck.*

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). *2 dks steel & Shelter 8th steel, deep framing*

Official No. : Signal Letters

State if Machinery is fitted aft *amidships*

How are the surfaces preserved from oxidation? Inside *Paint cement*

Outside *Paint*

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

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	102.1	245	Fore peak tank,	21.5	69
Double bottom, under Engines and Boilers,	62.6	216	After peak tank,	22.9	52
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	166.8	464	Other tanks, if fitted,		
Total capacity of double bottom		925	(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. *4174*

Date *18.10.06*

No. *491* in builder's yard.

DATES OF SURVEYS held while building

1906: Oct. 15, 18, 22, 29. Nov. 2, 13, 20, 26, 30. Dec. 5, 10, 12, 17, 26, 28. 1907: Jan. 8, 14, 22, 29, 31. Feb. 15, 18, 22, 26. Mar. 7, 11, 15, 21, 22, 27. Apr. 5, 11, 16, 19, 29. May 1, 7, 13, 16, 28. June 11, 14, 20, 25. July 1, 5, 10, 29, 31. Aug. 1, 13, 17, 19, 20, 22, 28. Sep. 9, 12, 18, 19.

Total No. of Visits *61*

The amount of Entry Fee £ *5* :

Special Survey Fee £ *134* : *16* :

Travelling Expenses, if any £ : :

Fees applied for,

-8 OCT 1907

Received by me,

12/10/07

Certificate to be sent to

Glasgow

State whether the Vessel has been built under Special Survey

I am of opinion this Vessel should be Classed *100 A.1. Shelter 8th*

With, or without Freeboard, as condition of Class *with freeboard.*

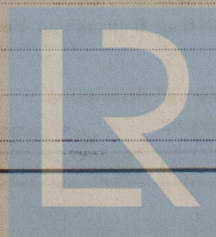
J.M. McEwen A.R.Navis
Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute

Character assigned *100 M (Steel) Shelter dk. with freeboard* *does not accd*

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

Certs issued 14/10/07



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Foundation

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