

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office

FRI. 12 APR. 1918

Date of completion of report January 31st. 1918

Port of Hong Kong

No. 4629

Survey held at Hong Kong

Date, First Survey May 3rd. 1916

Last Survey January 25th.

1918

On the (State if Single, Twin, or Triple Screw) Steel Single Screw Steamer "HERMELIN"

Rig Schooner

TONNAGE under 1786.41

CLASS 100A1

FEET.

Master F. N. Tyson

Year of appointment

(1) As Master in service of
owner of present vessel—191
(2) As Master of this
vessel—191

Built at Hong Kong

When built 1, 1918

Launched Nov. 15th. 1917

By whom built Hong Kong & Whampoa Dock Co. Ltd.

Owners Brausgaard Kjoesterad & Co.

Managers

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

Residence Drammen, Norway

Port belonging to Hong Kong

Do. of Poop 78.89
Do. of R.O.D. House 5.30
Do. of Bridge House 166.90
Do. of Forecastle 32.40
of Houses on Dk. 100.36
of excess of Hatchways 26.64
above Crown of
Engine Room 39.86
ss Tonnage 2231.76
Crew Space 87.43
above Crown of
Engine Room 70.07
NAGE FOR FEES 2074.26
Engine Room 714.16
Navigation Spaces 53.27

Breadth (greatest moulded) 40.0

Depth, at middle of length from top of keel to top of
upper deck beams at side 21.5

Transverse Number 61.5

Length on deck from fore part of stem to after part of
stern post 270.0

Longitudinal Number 16.605

Depth "d," at middle of length (See Secs. 2 & 13) 10.85

Proportions—Depth to Length—Upper Deck Beam at
side to top of keel 12.558" " Long Bridge Deck
Beam at side to top of keel 9.374

Destined Voyage

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

LENGTH on Deck Feet. Inches. BREADTH—Feet. Inches. DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams Feet. Inches. No. of Decks with flat laid Two
as per Rule 270 0 Moulded 40 0 Do. do. do. do. Second Dk. Beams 19 3 11 6 3 No. of Tiers of Beams Two

Dimensions of Ship per Register, Length 270.6' breadth 40.1' depth 19.45' Moulded depth, ft. 28 ins. 9 8 To Bridge Dk. Round of Upper 9 3
Moulded depth, ft. 21 ins. 6 To Upper Dk. Dk. Beam, Actual in 39 3 3 2

FRAMING.			PILLARS.			KEELSONS & STRINGERS.		
NAME, Angles, or Bars amidships	Inches in Ship.	Inches in Ship.	PILLARS, In 'tween Deck, size and spacing	Inches in Ship.	Inches in Ship.	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	Inches in Ship.	Inches in Ship.
Do. in peaks	4 1/2	3	" " Hold	4	47	" Rider Plate	4 1/2	3
Do. in way of Double Bottoms at Solid Floors	3	3	" Quarter 'tween Dks.,	2 1/2	2 1/2	" Flat Plate Keel Angles	4	47
" " at intermdt. Bkts.	None	None	" " in Hold	3	3	" Horizontal Plates on Floors	3	3
Spacing of Frames from centre to centre amidships	23 1/2	23 1/2				" Angles or Bulb Angles	3	3
" " length to Collision bulkhead	23 1/2	23 1/2				" " "	3	3
" " " in peaks	23 1/2	23 1/2				" " "	3	3
EVERSED FRAME, Angles	4	3				" " "	3	3
Do. in way of Double Bottoms at Solid Floors	3	3				" " "	3	3
" " at intermdt. Bkts.	None	None				" " "	3	3
FRAMING, depth of girder	5 1/2	5 1/2				" " "	3	3
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	36	46				" " "	3	3
" in way of Engine and Boiler Spaces	36	46				" " "	3	3
" thickness at the ends of vessel	36	46				" " "	3	3
" depth at 1/2 the half breadth, as per Rule	36	46				" " "	3	3
" height extended at the Bilges	36	46				" " "	3	3
FLOORS in Cell. Double Bottoms	36	46				" " "	3	3
" state if flanged (top & bottom)	36	46				" " "	3	3
" Spacing of Solid floors	36	46				" " "	3	3
CENTRE GIRDER, in Dbl. bottom, dpth. & thknss.	36	46				" " "	3	3
" " Angles, Top	3	3				" " "	3	3
" " Bottom	4	4				" " "	3	3
" " to Floors	3	3				" " "	3	3
" Brackets at intermdt. frmg., wdth & thknss	None	None				" " "	3	3
DE GIRDERS, number on each side & thickness	One	32				" " "	3	3
" state if flanged (top and bottom)	None	None				" " "	3	3
" " Angles (top and bottom)	3	3				" " "	3	3
" " to Floors	3	3				" " "	3	3
MARGIN PLATE, depth (exclusive of flange) and thickness	32 1/2	38				" " "	3	3
" " Angle to Outside Plating	3 1/2	3 1/2				" " "	3	3
" " Floors	3	3				" " "	3	3
" Brackets at intermdt. frmg., wdth & thknss	None	None				" " "	3	3
Height of Outside Brackets above at bilge	18	18				" " "	3	3
NER BOTTOM PLATING, breadth and thickness of Middle Line Strake	36	42				" " "	3	3
" " in Engine and Boiler space	40	50				" " "	3	3
" " Remainder in Holds	34	34				" " "	3	3
BEAMS, Upper Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	6	2.8				" " "	3	3
" In way of Long Bridge	6	2.8				" " "	3	3
" Spacing	23 1/2	23 1/2				" " "	3	3
BEAMS, Second Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	6	2.93				" " "	3	3
" Spacing	23 1/2	23 1/2				" " "	3	3
BEAMS, Third and Fourth Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	None	None				" " "	3	3
" Angles on upper edge	None	None				" " "	3	3
BEAMS, Poop Deck, Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	6	2.8				" " "	3	3
" Angles on upper edge	None	None				" " "	3	3
" Spacing	47	47				" " "	3	3
BEAMS, Bridge Deck, Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	6	2.8				" " "	3	3
" Angles on upper edge	None	None				" " "	3	3
" Spacing	23 1/2	23 1/2				" " "	3	3
BEAMS, Forecastle Deck, Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	8	3.5				" " "	3	3
" Angles in upper edge	None	None				" " "	3	3
" Spacing	47	47				" " "	3	3

If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.

WEB FRAMES.				FORGINGS or CASTINGS.			
Inches in Ship.				Inches in Ship.			
WEB-FRAMES, In Fore Body, No. and spacing				KEEL, Bar, depth and thickness			
" " " brdth. & thickness				STEM, moulding and thickness			
" " " No. of Side Stringers " "				STERN-POST for Rudder do. do.			
WEB-FRAMES, In E. & B. Space, No. & spacing				" " " for Propeller			
" " " brdth. & thickness				" " " Main-Piece, diameter at head			
WEB-FRAMES, In After Body, No. and spacing				" " " at heel			
" " " brdth. & thickness							
" " " No. of Side Stringers " "							
" " " Size of Face Angles to Web-Frames							
BRACKET PLATES to Stringers between Web Frames, depth and thickness							
BULKHEADS.				RUDDER, how constructed			
STIFFENERS.				Single plate, Arms at each pintle			
W.T. BULKHEADS				Thickness of Plates or Single Plate			
" COLLISION "				Can the Rudder be unshipped afloat?			
PARTITION "				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.			
LONGITUDINAL "				South Durham Steel & Iron Co. Ltd. England			
				Siemens-Martin Open Hearth Mild Steel.			
Are the outside Plates doubled two spaces of Frames in length? in lieu				Has the Steel been tested as required by the Rules?			
Are the Stille-Valves and Watertight Doors in efficient working order?				Yes			

PLATING.										RIVETING.									
AS IN SHIP.										EDGES.									
PER RULE OR AS APPROVED.										Ordinary or Joggled?									
STRAKES.										BUTTS.									
FLAT PLATE KEEL										Double or Treble and for what Length.									
GABBOARD or A Strake										RIVETS.									
B "										Diam. Spacing or to cr.									
C "										Diam. Spacing or to cr.									
D "										Diam. Spacing or to cr.									
E "										Diam. Spacing or to cr.									
F "										Diam. Spacing or to cr.									
G "										Diam. Spacing or to cr.									
H "										Diam. Spacing or to cr.									
Upper dk J "										Diam. Spacing or to cr.									
sheer (K) "										Diam. Spacing or to cr.									
strake L "										Diam. Spacing or to cr.									
Bridge (M) "										Diam. Spacing or to cr.									
dk sheer N "										Diam. Spacing or to cr.									
strake O "										Diam. Spacing or to cr.									
P "										Diam. Spacing or to cr.									
Q "										Diam. Spacing or to cr.									
R "										Diam. Spacing or to cr.									
S "										Diam. Spacing or to cr.									
T "										Diam. Spacing or to cr.									
U "										Diam. Spacing or to cr.									
V "										Diam. Spacing or to cr.									
W "										Diam. Spacing or to cr.									
THICKNESS OF SHEET										Diam. Spacing or to cr.									
CLEAR OF LONG BRIDGE										Diam. Spacing or to cr.									
DO. OF STRAKE BELOW										Diam. Spacing or to cr.									
DBL. of Flat Plate Keel										Diam. Spacing or to cr.									
" Sheerstrakes										Diam. Spacing or to cr.									
Length and thickness										Diam. Spacing or to cr.									
POOP SIDES										Diam. Spacing or to cr.									
SHORT BRIDGE SIDES										Diam. Spacing or to cr.									
FORECASTLE SIDES										Diam. Spacing or to cr.									

Upper Deck				Butts of Side Stringers			
Stringer Plate				Strapped and Treble riveted.			
Second Deck				Tie Plates Overlapped and Double riveted.			
Stringer Plate				Inner Bottom Plating, riveting of Edges Single Butts Double			
Two butts at fore end, upper deck stringer, double riveted. One butt in way boiler space, second deck stringer, treble riveted.				Centre Girder Butts, Treble riveted. Keelson Butts, riveted.			
FRAMES extend in one length from Margin Shell bar to Upper & poop, Bridge & Forecastle Decks				Frames, riveted through Plates with 7/8 in. Rivets, about 6 1/2 apart.			
REVERSED FRAMES on floors and frames extend from Centre girder angle to margin plate and from margin plate to upper and second deck alternately.				Rivets, state whether Iron or Steel. Iron			

MASTS, SPARS, &c.									
LOWER MASTS									
Fore									
Main									
Mizen									
Bowsprit									
Topmasts, Yards and Remains of Spars									
Rigging, Material and Size, Shrouds									
Stays									
Sails. None fitted.									

EQUIPMENT No. 17741				LETTER r				ANCHORS.				TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS			
Number of Certificate.	Weight, Ex. Stock	Weight of Stock	Test, Per. Certificate	Weight, Ex. Stock	Weight of Stock	Test, Per. Certificate	Weight, Ex. Stock	Weight of Stock	Test, Per. Certificate	Weight, Ex. Stock	Weight of Stock	Test, Per. Certificate	Weight, Ex. Stock	Weight of Stock	Test, Per. Certificate
75404	1st Bower	35 3 20	33 2 2 0	75380	2nd "	34 3 25	32 7 2 0	75393	3rd "	31 1 26	29 15 0 0				
	4th "														
	Collective weight	102 1 15													
75207	Stream	9 2 0	2 1 24	11 11 1 0	9 1 0	0	0	0	0	0	0	0	0	0	0
75188	Kedge	4 3 4	1 0 26	7 5 0 0	4 3 0	0	0	0	0	0	0	0	0	0	0

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

1st Bower 21 Cwts. 1 Qrs. 18 lbs. D.D.W. NO. 272 Sunderland 21/1/16
 2nd " 20 " 2 " 21 " C.A.M. No. 5674 Middlesbrough 10/9/15
 3rd " 18 " 1 " 20 " D.D.W. No. 342 Sunderland 2/2/16
 4th "

CHAIN CABLES.				HAWERS AND WARPS.			
Number of Certificate.	Length and size supplied.	Test per Certificate.	Weight of Chain Cable.	Length and size supplied.	Test per Certificate.	Weight of Chain Cable.	Length and size supplied.
64616	120 1 1/2	55 1/2	77 1/2	120 1 1/2	55 1/2	77 1/2	120 1 1/2
64619	120 1 1/2	55 1/2	77 1/2	120 1 1/2	55 1/2	77 1/2	120 1 1/2

Boats 4 Lifeboats 26'x7'x3'; Cutter 18'x5'x2'3"
 Dinghy 16'x8'2"
 Steering Gear, Steam 8x8 Hastie
 Pumps, Number One 8x2 Downton Pump 3 1/2" Tail Pipe
 Windlass is 9 x 11 HKG & Whampoa Dock Co.
 Engine Room Skylights.—How constructed Steel; Circular Glass
 Coal Bunker Openings.—How constructed? Steel Coamings
 Ceiling in Holds, thickness and material 2 1/2" O. Pine
 Cargo Hatchways.—How formed? Steel coamings & Pine Covers
 State size No. 1 Hatch (Forward) 19'-7" x 16'0" No. 2 Hatch 23'6" x 16' No. 3 Hatch 23'6" x 16' No. 4 Hatch 19'7" x 16'
 Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 3 web plates each in Nos. 1 & 4; 4 web plates each in Nos. 2 & 3. No fore and afters fitted.
 Bulwarks, height above deck and description 3'9" steel bulwarks 5'10" apart
 The foregoing is a correct description.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)
 26/7/15, 27/7/15, M26/8/15, 7/8/15, M6/9/15, 25/9/15, M9/11/15, 6/10/15, 13/12/15, 20/12/15, 31/12/15
 22/2/16, M26/2/16, 31/12/16, M2/3/16, 29/1/16, M15/3/16, M22/3/16, M29/3/16, D30/3/16, 14/4/16, 23/4/16 and M26/5/16
 Workmanship. Are the butts of plating planed or otherwise fitted? Overlapped.
 Is the riveted work properly closed? Yes
 Are the liners between the frames and plates solid single pieces? No liners. Frames joggled
 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? No
 Are the butts of Plating, Stringers, &c., properly shifted and strapped? Overlapped, 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 is good.

It is recommended that vessel be classed X100A1 and the record of X100A1 1,1913 be made in the Register Book in the case of this vessel.
 This vessel has been built in general conformity with the plans and in accordance with the rules, material tested by Surveyors to this Society.
 This steamer "HERMELIN" is a sister ship to Hong Kong & Whampoa Dock Company's ships No. 547 "HELIKON" Rpt. No. 4596 and ship No. 554 "PROSPER" Rpt. No. 4619.
 Trial Trip January 18th, 1918. Speed light draft 11.9 knots.
 Vessel fitted with wireless Marconi System and is under British Flag requisitioned by the Government.

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 50.00 :
 Special Survey Fee 1334.00 :
 Travelling Expenses, if any 330.00 :
 Fees applied for, 25/1 1918
 Received by me, 8/2 1918
 State whether the Vessel has been built under Special Survey Yes
 I am of opinion this Vessel should be Classed X100A1
 With, or without Freeboard, as condition of Class -

Committee's Minute TUE APR. 16 1918.
 Character assigned 100 A1
 Lloyd's Agent P + R. M. 118
 Surveyor to Lloyd's Register of Shipping.

GENERAL REMARKS—(continued).

WEB FRAM

FRAMES, In Fore Bo

No. of Side String

FRAMES, In E. & B.

FRAMES, In After B

No. of Side String

Size of Face Angles

KET PLATES to S

Frames, depth and

KHEADS.

Numb

Vessel.

ULKHEADS AP

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outside Plates don

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PLATE KEEL.....

Keel, state Riveting.

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PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 26.09 ft., R.Q.D. — ft., Bridge 76.37 ft., Forecastle 26.1 (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 a should appear in the Register Book) 2 Decks Steel (Upper Deck Teak Sheathing in Wells Only)

Official No. 139,578 ; Signal Letters State if Machinery is fitted aft No

How are the surfaces preserved from oxidation? Inside Coated and Cemented Outside Coated with four coats

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	80.29	155	Fore peak tank,		
Double bottom, under Engines and Boilers,	35.25	-	After peak tank,	13.5	34
Double bottom, if under Engines only, Reserve Feed	19.58	48	Deep tank, aft,	13.7	71
Double bottom, if under Boilers only, Dry Tank	15.67	-	Deep tank, forward,	-	-
Double bottom, forward,	115.54	239	Other tanks, if fitted,	-	-
(Centre girder watertight in Reserve Feed Tank)			(If necessary, furnish further information by sketch.)		
Total capacity of double bottom		442	State whether the above have been tested as required by the Rules. Yes		

Order for Special Survey No. May 3rd..June 20. Sept. 11. Oct. 13. 17. 18. Nov. 13. 17. 21. 25. Dec. 6.

Date Nov. 18th. 1915 1916. Jan. 3. 4. 8. 9. 15. 18. 21. Feb. 22. Mar. 6. Apr. 4. 18. June 25.

No. 548 in builder's yard. Jul. 13. Aug. 23. Sept. 3. 4. 7. 14. 21. Oct. 9. 11. 12. 30. Nov. 6. 12.

Dec. 6. 15. 1917. Jan. 3. 8. 10. 18. 21. 22nd. and 23rd. 1918.

Surveyor's Signature

None fitted. Suit of

and the following spare sails

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