

## STEEL STEAMER or MOTORSHIP.

Received at London Office DEC 12 1938

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 *10th Nov. 1938.*Port of *Hongkong*No. *8211*Survey held at *Hongkong*Date First Survey *April 4th 1938*Last Survey *4th Nov.*

1938

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

*Turn Screw Motorship**"MATAFELE"*

Machinery Aft.

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

*Full Scantling*State Type of Erections *Forecastle*TONNAGE under Tonnage Deck... *205.67*CLASS *+ 100 A 1*State if with freeboard as condition of Class *No*Built at *Hongkong*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) *rule length 110'**L 111.8*Launched *29th Aug. 1938* Yard No. *800*Total *205.67*Breadth (greatest moulded) *B 25.5*Builders *The Hk & Wampoa Dock Co. Ltd*Gross Tonnage *334.82*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 11.5*Owners *Burns Philp (South Sea) Ltd*Register Tonnage *186.28*1st Longitudinal Number (L x D) *= 1286*Managers *✓*

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

2nd Numeral L x (B + D) *= 4136*

## REGISTERED DIMENSIONS.

FEET.

Length *115.5*Framing Depth "d," at middle of length. See Sec. 3 (1d) *10.33*Residence *Sydney*Breadth *25.6*Proportions—Depth to Length—Uppermost continuous deck to top of keel *9.72*Port of Registry *Hongkong*Depth *10.6*Draught Moulded *✓*

If surveyed while building, afloat, or in dry dock

*While Building*

## 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	<i>21 1/2"</i>	<i>✓</i>	Bracket Floors, Frame	<i>✓</i>	
" " from 3/4 length amidships to Collision bulkhead	<i>"</i>	<i>✓</i>	" " Reversed Frame	<i>✓</i>	
" " in peaks	<i>"</i>	<i>✓</i>	" " Vertical Struts	<i>✓</i>	
DE FRAMING.			Centre Girder, depth and thickness amidships	<i>27" x 5/16"</i>	<i>✓</i>
Frame Amidships, Angle, [ or ]	<i>4 x 2 1/2 x 28</i>	<i>✓</i>	" " top Angles <i>Single</i>	<i>2 1/2 x 2 1/2 x 30</i>	<i>✓</i>
<i>2 web frames in E. R. Port &amp; Star</i>	<i>12" x 30</i>	<i>✓</i>	" " bottom Angles <i>Single</i>	<i>3 x 3 x 5/16</i>	<i>✓</i>
" " Extends up to	<i>upper deck</i>		Side Girders, No. each side and thickness	<i>one, .28</i>	<i>✓</i>
Reversed Frame Amidships, Angle	<i>✓</i>		Margin Plate depth (excl. of flange) and thickness	<i>19" x .28</i>	<i>✓</i>
" " Extends up to	<i>✓</i>		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	<i>2 1/2 x 2 1/2 x 30</i>	<i>2 1/2 x 2 1/2 x 26</i>
Depth of Framing Girder	<i>4"</i>	<i>✓</i>	" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	<i>✓</i>	
Frames in Uppermost Continuous 'tween Decks, Angle, [ or ]	<i>✓</i>		" " Gussets, spacing and scantling abaft 1/4 len. from stem	<i>none</i>	<i>✓</i>
" " Second 'tween Decks, Angle, [ or ]	<i>✓</i>		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area	<i>✓</i>	
" " Third " " " "	<i>✓</i>		Tank Side Brackets, height above base line at toe of Frame and thickness	<i>33" x .28</i>	<i>✓</i>
" " from 1/4 len. for'd. to 15% len. from Stem	<i>5 x 2 1/2 x 35 BA</i>	<i>✓</i>	INNER BOTTOM PLATING.		
" " in Peaks, Angle <i>or</i>	<i>4 x 2 1/2 x 30</i>	<i>✓</i>	Breadth and thickness of Middle Line Strake	<i>48" x 30</i>	<i>✓</i>
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>5/8", 4 1/2"</i>	<i>✓</i>	Thickness of remainder in Holds	<i>.28</i>	<i>✓</i>
State if Frame Joggled	<i>yes</i>	<i>✓</i>	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?	<i>✓</i>	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	<i>yes</i>	<i>✓</i>	BEAMS.		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	<i>yes</i>	<i>✓</i>	Uppermost Continuous Deck, amidships in Wells, Angle, [ or ]	<i>5 x 3 x 30</i>	<i>✓</i>
INGLE BOTTOM.			" " in way of Bridge, Angle, [ or ]	<i>4 x 3 x 36 1/2</i>	<i>Beams</i>
Floors, Depth and thickness at mid-line in Holds	<i>14 x .28</i>	<i>✓</i>	" " [ or ] Forecastle	<i>4 x 3 x 38</i>	<i>✓</i>
Height of Brackets at side above base line at toe of frame	<i>28"</i>	<i>✓</i>	Spacing	<i>21 1/2"</i>	<i>✓</i>
Middle Line Keelson, on Floors, Angles, [ or ]	<i>3 1/2 x 3 x 30</i>	<i>✓</i>	Second Deck, amidships, Angle, [ or ]	<i>✓</i>	
" " Through Plate or Intercostal Plate	<i>18 x 35 1/2 x 30</i>	<i>✓</i>	Spacing	<i>✓</i>	
" " Foundation Plate on Floors	<i>12 x 35 1/2 x 30</i>	<i>✓</i>	Third Deck, amidships, Angle, [ or ]	<i>✓</i>	
" " Flat Plate Keel Angles	<i>3 1/2 x 3 1/2 x 35</i>	<i>✓</i>	Spacing	<i>✓</i>	
Side Keelsons, No. each side <i>one, flanged to shell</i>	<i>✓</i>		Fourth Deck, amidships, Angle, [ or ]	<i>✓</i>	
" " thickness of Intercostal Plate	<i>30 x 28 for 1/4 L.</i>	<i>✓</i>	Spacing	<i>✓</i>	
" " Top Angles <i>Single</i>	<i>6 x 3 x 44</i>	<i>✓</i>	Boat Deck, Angle, [ or ]	<i>3 1/2 x 2 1/2 x 30</i>	<i>✓</i>
DOUBLE BOTTOM. Fr. 196 27			Spacing	<i>30"</i>	<i>✓</i>
Solid Floors, thickness and spacing	<i>.28", 21 1/2"</i>	<i>✓</i>	Navigation Bridge Deck, Angle, [ or ]	<i>3 1/2 x 2 1/2 x 25</i>	<i>✓</i>
" " Are Frame and Reversed Frame joggled?	<i>yes</i>	<i>✓</i>	Spacing	<i>30"</i>	<i>✓</i>
Bracket Floors, breadth and thickness at middle line	<i>None</i>	<i>✓</i>	Forecastle Deck, Angle, [ or ]	<i>4 x 3 x 37 1/2</i>	<i>✓</i>
" " breadth and thickness at margin plate	<i>✓</i>		Spacing	<i>21 1/2"</i>	<i>✓</i>

# PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
<b>PILLARS, No. of Rows.....</b>	<i>one</i>			
<i>Boat</i>				
in 'tween Decks, Size and Spacing.....	<i>2 1/4 x 3/16 Tube</i>		Stringer Plate, breadth and thickness in way of Bridge .....	✓
" <i>In Forecastle</i>	<i>5'-4 1/2" spacing</i>		Thickness of Plating abreast Deck openings in way of Wells .....	✓
"    in Holds	<i>2 1/2 x 5/16 Tube</i>		Thickness of Plating abreast Deck openings in way of Bridge .....	✓
" <i>In E. R. (2 rows)</i>	<i>spacing 5'-4 1/2" + 3'-6"</i>		Thickness of Plating within line of openings...	✓
<i>Centre Line Bulkhead.</i>			If Sheathed, material and thickness .....	✓
Stiffeners and Spacing.....	<i>7" x 9" dia x 40 Tube</i>		<b>Third Deck.</b>	
<i>(in O. F. Bunker)</i>	<i>spacing 19' 8 1/2" + 11' 8"</i>		Stringer Plate, breadth and thickness.....	✓
Plating, thickness of .....	<i>2 1/2" dia (Solid)</i>		If Plated, state thickness.....	✓
	<i>spacing 5'-4 1/2"</i>			
<b>STRINGERS AND DECKS.</b>			<b>Fourth Deck.</b>	
<b>Uppermost Continuous Deck.</b>			Stringer Plate, breadth and thickness.....	✓
Stringer Plate, breadth and thickness in Wells	<i>29" x 5/16 to 21" x 1/2</i>	✓	If Plated, state thickness .....	✓
" <i>at Break of Fela.</i>	<i>29" x 1/2</i>	✓		
"    "    in way of Bridge	<i>29" x 1/2</i>	✓	<b>Boat</b>	
"    Angle in Wells .....	<i>3 x 3 x 35 to 30</i>	✓	<b>Poop Deck.</b>	
	<i>3 x 3 x 32 to 28</i>	✓	Stringer Plate, breadth and thickness .....	<i>18" x 25</i>
Thickness of Plating abreast Deck openings in way of Wells .....	<i>28</i>	✓		<i>15" x 25</i>
Thickness of Plating abreast Deck openings in way of Bridge .....	<i>28</i>	✓	Tie Plating, Sheathing, material and thickness ...	<i>6" x 25</i>
Thickness of Plating within line of openings...	<i>28</i>	✓	<i>Navigation</i>	<i>2 1/2" O. Pine</i>
If Sheathed, material and thickness .....	<i>2 1/2" O. Pine</i>	✓	<b>Bridge Deck.</b>	
			Stringer Plate, breadth and thickness.....	<i>15" x 20</i>
<b>Second Deck.</b>			Tie Plating, Sheathing, material and thickness ...	<i>6" x 25</i>
Stringer Plate, breadth and thickness in Wells...	✓		<i>Navigation</i>	<i>2 1/2" O. Pine</i>
			<b>Forecastle Deck.</b>	
			Stringer Plate, breadth and thickness.....	<i>24" x 25</i>
			Plating, Sheathing, material and thickness ...	<i>25</i>
				<i>2 1/2" O. Pine</i>

## SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.	No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing cr. to cr.	
FLAT PLATE KEEL .....	<i>48</i>	<i>50</i>	<i>45</i>	<i>45</i>		<i>Double</i>	<i>3/4 3"</i>	<i>3 rows</i>	<i>3/4</i>	<i>2 5/8</i>	<i>Strapped</i>
"    DBLG. (if any) .....	✓										
BOTTOM PLATING, No. of Strakes <i>1. 1/2</i> .....	<i>A+B</i>	<i>5/16</i>	<i>35</i>	<i>28</i>		<i>Single &amp; Double</i>	<i>5/8 2 1/2</i>	<i>Two</i>	<i>5/8</i>	<i>2 1/4</i>	<i>Lapped</i>
BILGE PLATING, No. of Strakes <i>one</i> .....	<i>C</i>	<i>5/16</i>	<i>28</i>	<i>28</i>		<i>- do -</i>	<i>5/8 2 1/2</i>	<i>Two</i>	<i>5/8</i>	<i>2 1/4</i>	<i>"</i>
SIDE PLATING, No. of Strakes <i>one</i> .....	<i>D</i>	<i>5/16</i>	<i>28</i>	<i>28</i>		<i>- do -</i>	<i>5/8 2 1/2</i>	<i>Two</i>	<i>5/8</i>	<i>2 1/4</i>	<i>"</i>
UPPER DECK, Sheer-strake in Wells <i>E.</i> .....	<i>58</i>	<i>35</i>	<i>28</i>	<i>28</i>	<i>approved 40 at break of forecastle</i>	<i>- do -</i>	<i>5/8 2 1/2</i>	<i>Two</i>	<i>5/8</i>	<i>2 1/4</i>	<i>"</i>
UPPER DECK, Sheer-strake in Bridge ...	✓				<i>with 25 doubling at break of forecastle on 35 plate</i>						
STRAKE BELOW Sheer-strake in Wells.....	✓					<i>Seams double riveted in way of O.F. bunker.</i>					
STRAKE BELOW Sheer-strake in Bridge ...	✓										
POOP SIDE PLATING .....	✓										
BRIDGE SIDE PLATING ...	✓										
FORECASTLE SIDE PLATING <i>F+G.</i>	<i>✓</i>	<i>25</i>	<i>✓</i>	<i>✓</i>		<i>Single</i>	<i>5/8 2 1/2</i>	<i>one</i>	<i>5/8</i>	<i>2 1/4</i>	<i>Lapped.</i>

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel- <i>4</i> ✓	<i>3 BH in R.B.</i>
Extending to Upper Deck (Sec. 3 c) <i>4</i> ✓	
"    Deck next below .....	✓
As per Rule <i>(43) 3</i> ✓	

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper 'tween decks	<i>30</i>	<i>6 x 3 x 48</i>	<i>24"</i>	<i>one 30</i>	<i>Half Height</i>
"    "    Second .....	<i>35</i>	<i>4 1/2 x 3 x 35</i>	<i>angles</i>	<i>24" x 8" Shelf</i>	
"    "    Third .....	✓				
"    "    Holds .....	✓				
COLLISION " (in Hold) .....	<i>30</i>	<i>5 1/2 x 8 x 35</i>	<i>24"</i>	<i>W.T. Flat</i>	
AFTER PEAK " .....	<i>37 1/2</i>	<i>4 x 3 x 30</i>	<i>24"</i>		
		<i>4 x 3 x 30</i>			
		<i>5 x 3 x 35</i>			
		<i>5 1/2 x 3 x 35</i>			

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar .....	✓			
STEM .....	<i>rolled</i>	<i>5 3/4 x 17 1/2</i>	<i>Builders</i>	✓
STERN FRAME { Propeller Post .....	<i>least</i>	✓		
{ Rudder .....	<i>Steel</i>	<i>5 3/4 x 1 1/4</i>	✓	
Speed of Vessel .....	<i>9 knots</i>			✓
RUDDER-Type .....	<i>semi Balanced</i>			✓
"    A x D .....	<i>24 x 5</i>			✓
"    Diam. of head .....	<i>Forging</i>	<i>3 1/4</i>		✓
"    Mainpiece at top pintle .....	<i>Cast</i>	<i>4 1/2 x 3 1/4</i>		✓
"    "    heel .....	<i>Steel</i>	<i>2 1/4 x 2</i>		✓
"    how constructed .....	<i>least steel rudder frame</i>			✓
"    double or single plate .....	<i>Double plate welded &amp; riveted to frame.</i>			✓
"    coupling, vertical or horizontal .....	<i>Vertical</i>			✓

## STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *O. H. Steel*  
*W. J. L. & Co. Steel Co. Scottish Iron & Steel Co. The Steel Co. of Scotland, Colvilles & Co.*  
*Appley & Fordingham Steel Co. Dorman Long. N. W. Rivet, Bolt & Nut Factory.*  
 Has the Steel been tested as required by the Rules? *Yes*

W252-0050(2/2)

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 the Plans should be embodied.)

No sister vessel. ✓

Plans approved H.M.S., copies in the London Office ✓

Midship section + profile + decks of vessel as built enclosed. ✓

Forging + casting report enclosed. ✓

Test certificate for steering chains enclosed. ✓

PARTICULARS OF ELECTRIC WELDING (if employed)  $3 \times \frac{1}{2}$  flat bar welded to upper deck in line of gutter angle. Bulwark stays welded to deck. Deck House seams partly welded. ✓

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

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

1st Bower 4-1-24, J.D. 4703, 16-7-37  
2nd " 4-0-10, J.D. 4900, 4-12-37  
3rd " ✓

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. ft., Bridge ft., Forecastle 29.0  
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated. ✓

Official No. 159,498

Signal Letters V.R.B.Y.

Extreme Breadth over Belting (Circ. 1611)

Over-all Length 122'-2" (Circ. 1703) ✓

No. and Material of Decks One, steel,  $2\frac{1}{2}$ " Pine sheathing ✓ (1 Sk.)

Parts of Bottom of Vessel coated with cement or approved composition all cement, except in way of engine room. ✓

Particulars of composition (if fitted) and of approval Bitumastic solution in engine room ✓

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.)

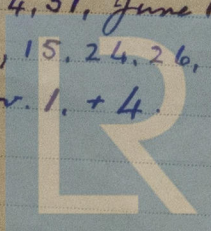
Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, amidships	14'-4"	20 ✓	Fore peak tank,	14'-0"	17 ✓
Double bottom, under Engines and Boilers,			After peak tank,	8'-11½"	15 ✓
Double bottom, if under Engines only,			Deep tank, (O.F. Bunker)	5'-4½"	3.5 ✓
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total length (if continuous) and Capacity	14'-4"	20 ✓	(If necessary, furnish further information by sketch.)		

Order for Special Survey No.

Date 15 Nov. 1937

Dates of Surveys held while building

1928  
April 4, 7, 14, 18, 23, 27, May 4, 11, 14, 24, 31, June 1, 11, 23, 28, July 6, 12, 15,  
18, 19, 22, 23, 25, 27, 29, Aug. 1, 6, 8, 13, 15, 24, 26, 29, Sept. 1, 5, 9, 13, 20, 22,  
24, Oct. 1, 8, 15, 18, 19, 21, 25, 31, Nov. 1, + 4.



Lloyd's Register  
Foundation  
Total No. of Visits 50