

STEEL STEAMER OR MOTORSHIP

Received at London Office

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 *April 18th 1928*Port of *Hong Kong*No. *6272*Survey held at *Hong Kong*Date First Survey *Sept. 2nd 1927*Last Survey *April 17th 1928*On the *Single Screw Tug "CHAM CHOM PHOI"*State Type *Full Scantling*

State Type of Erections

Tonnage under Tonnage Deck *85.61*CLASS **100 A1*State of hull (fractures) *No*

as condition of Class

Built at *Hong Kong*

In. of space or spaces between Tonnage Deck and Upper Deck

Length from fore part of stem to after part of stern *80.0*Launched *20/3/28*Port No. *243*Total *85.61*Breadth (greatest moulded) *18.0*Builders *W. S. Bailey & Co Ltd*Gross Tonnage *97.24*Depth at midline of length from top of keel to top of beam at side of uppermost continuous deck *10.0*Owners *The Sviracha Co. Ltd*Net Tonnage *27.58*1st Longitudinal Number *L x D* *800*

Managers

If necessary to be entered in Reg. Book

REGISTERED DIMENSIONS

2nd Number *L x (B + D)* *2240*Residence *Bangkok, Siam*Length *80.0'*Framing Depth *8.5*Port of Registry *Bangkok*Breadth *18.1'*Proportions *8.0*

If surveyed while building afloat, or in dry dock

Depth *8.8'*Do. *Yes*

Brought forward

FRAMES, DOUBLE BOTTOM AND BEAMS

DESCRIPTION	EXCEEDS IN SIZE	Any Departure from Approved Plans to be Noted.
NAMES, Spacing amidships	<i>22"</i>	✓
" " from 1 length to Collision bulkhead	<i>u</i>	✓
" " in peaks &c.	<i>u</i>	✓
FRAME FRAMING		
Frame Amidships, Angle <i>28"</i>	<i>4 x 3 x .30</i>	✓
" " Extends up to <i>In B. Room</i>	<i>4 x 3 x .34</i>	✓
" " Upper deck	<i>upper deck</i>	✓
Reversed Frame Amidships, Angle	<i>2 1/2 x 2 1/2 x .26</i>	✓
" " Extends up to <i>28" E.R. 36" BR</i>	<i>top of floor</i>	✓
Depth of Framing Girder	<i>4"</i>	✓
Frames in Uppermost Continuous Tween Decks, Angle, [or]	✓	✓
" " Second Tween Decks, Angle, [or]	✓	✓
" " Third " " "	✓	✓
Framing in Peaks, Angle <i>28"</i>	<i>4 x 3 x .30</i>	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>5/8 x 4 1/2</i>	✓
State if Frame Joggled	<i>No</i>	✓
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars	<i>Not required</i>	✓
STRENGTHENING OF BOTTOM FORWARD, State Particulars	<i>Section 38 para 10</i>	✓
DOUBLE BOTTOM		
Floors, Depth and thickness at mid-line in Holds	<i>18" x .26</i>	✓
Height of Brackets at side above base line at toe of frame	<i>FR .28</i>	✓
Middle Line Keelson, on Floors, Angles	<i>3 x 3 x .30 double</i>	✓
" " Through Plate or Intercoastal Plate	<i>.40 in BR</i>	✓
" " Foundation Plate on Floors	<i>32 x .28</i>	✓
" " Flat Plate Keel Angles	<i>.42 in BR</i>	✓
Side Keelsons, No. each side	<i>5 x 3 x .38 angles</i>	✓
" " thickness of Intercoastal Plate	<i>.48 in BR</i>	✓
" " Angles <i>to shell</i>	<i>.26, BR 38</i>	✓
DOUBLE BOTTOM, in E.R. only	<i>3 x 3 x .30</i>	✓
Solid Floors, thickness and spacing	<i>28" x 22"</i>	✓
" " Are Frame and Reversed Frame joggled?	<i>No</i>	✓
Bracket Floors, breadth and thickness at middle line	✓	✓
" " breadth and thickness at margin plate	✓	✓
Bracket Floors, Frame	✓	✓
" " Reversed Frame	✓	✓
" " Vertical Struts	✓	✓
Centre Girder, depth and thickness amidships	<i>30" x .34</i>	✓
" " top Angles <i>double</i>	<i>3 x 3 x .30</i>	✓
" " bottom Angles <i>double</i>	<i>3 x 3 x .30</i>	✓
Side Girders, No. each side and thickness	<i>one .30"</i>	✓
Margin Plate depth (excl. of flange) and thickness	<i>16" x .30"</i>	✓
" " Vertical Angle to Tank side	<i>3 x 3 x .30"</i>	✓
" " Bracket abaft 1/2 len. from stem	✓	✓
" " Vertical Angle to Tank side	✓	✓
" " Bracket forward 1/2 len. from stem	✓	✓
" " Gussets, spacing and scantling abaft 1/2 len. from stem	✓	✓
" " Gussets, spacing and scantling forward 1/2 len. from stem	✓	✓
Tank Side Brackets, height above base line at toe of Frame and thickness	<i>42" x .28</i>	✓
INNER BOTTOM PLATING		
Breadth and thickness of Middle Line Strake	<i>60" x 5/8</i>	✓
Thickness of remainder in Holds	<i>.30"</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>Yes</i>	✓
BEAMS		
Uppermost Continuous Deck, amidships	<i>4 x 3 x .30</i>	✓
" " in Way, Angle, [or]	✓	✓
" " in way of Bridge, Angle, [or]	✓	✓
" " Spacing	<i>22"</i>	✓
Second Deck, amidships, Angle, [or]	✓	✓
" " Spacing	✓	✓
Third Deck, amidships, Angle, [or]	✓	✓
" " Spacing	✓	✓
Fourth Deck, amidships, Angle, [or]	✓	✓
" " Spacing	✓	✓
Fore Deck, Angle, [or]	✓	✓
" " Spacing	✓	✓
House	✓	✓
Bridge Deck, Angle, [or]	<i>3 1/2 x 2 1/2 x .25</i>	✓
" " Spacing	<i>30"</i>	✓
Forecastle Deck, Angle, [or]	✓	✓
" " Spacing	✓	✓

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.
PILLARS, No. of Rows... <i>Two in Eng. Room</i>			Stringer Plate, breadth and thickness in way of Bridge	✓	
" <i>in Green Decks, Size and Spacing</i> <i>3" x 7-1/4"</i>			Thickness of Plating abreast Deck openings in way of Wells	✓	
" " " " "	✓		Thickness of Plating abreast Deck openings in way of Bridge	✓	
" <i>in Holds</i> " " "	✓		Thickness of Plating within line of openings	✓	
" " " " "	✓		If Sheathed, material and thickness	✓	
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing	✓		Stringer Plate, breadth and thickness	✓	
Plating, thickness of	✓		If Plated, state thickness	✓	
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness	✓	
Stringer Plate, breadth and thickness in Wells <i>15" x 30"</i>			If Plated, state thickness	✓	
" " " " in way of Bridge	✓		Poep Deck.		
" Angle in Wells <i>3 x 3 x 30</i>	✓		Stringer Plate, breadth and thickness	✓	
Thickness of Plating abreast Deck openings in way of Wells <i>30" x 25"</i>	✓		Plating, Sheathing, material and thickness	✓	
Thickness of Plating abreast Deck openings in way of Bridge	✓		Bridge Deck.		
Thickness of Plating within line of openings <i>30"</i>	✓		Stringer Plate, breadth and thickness	✓	
If Sheathed, material and thickness <i>2" Teak</i>	✓		Plating, Sheathing, material and thickness	✓	
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells	✓		Stringer Plate, breadth and thickness	✓	
			Plating, Sheathing, material and thickness	✓	

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANE TO BE NOTED.	EDGES. <i>No</i>			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SEWED OR DOUBLE.	RIVETS.		NO. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth. Inches.	Thickness. Inches.	Thickness. Inches.	Thickness. Inches.			Diam. Inches.	Spacing or to cr. Inches.		Diam. Inches.	Spacing or to cr. Inches.	
FLAT PLATE KEEL	35"	.38	.34	.34	✓	Double	3/4"	3"	Three	3/4"	2 5/8"	Strapped
" DBLG. (if any)												
BOTTOM PLATING, No. of Strakes <i>Two</i>28	.24	.24	✓	Single	5/8"	2 1/2"	Two	5/8"	2 1/4"	Lapped
BILGE PLATING, No. of Strakes <i>One</i>28	.24	.24	✓	Single	5/8"	2 1/2"	Two	5/8"	2 1/4"	Lapped
SIDE PLATING, No. of Strakes <i>One</i>28	.24	.24	✓	Single	5/8"	2 1/2"	Two	5/8"	2 1/4"	Lapped
UPPER DECK, Sheer-strake in Wells.....	40"	.30	.24	.24	✓	Single	5/8"	2 1/2"	Two	5/8"	2 1/4"	Lapped
UPPER DECK, Sheer-strake in Bridge ...		✓										
STRAKE BELOW Sheer-strake in Wells.....		.28	.24	.24	✓	Single	5/8"	2 1/2"	Two	5/8"	2 1/4"	Lapped
STRAKE BELOW Sheer-strake in Bridge ...		✓										
POOP SIDE PLATING		✓										
BRIDGE SIDE PLATING ...		✓										
FORECASTLE SIDE PLATING		✓			✓							

WATERTIGHT BULKHEADS.

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

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	✓			✓
STEM	Iron Forging	5 1/4" x 1"	W.S. Bailey & Co.	✓
STERN FRAME { Propeller Post	"	5" x 2 1/4"	"	✓
{ Rudder	"	5" x 2 1/4"	"	✓
RUDDER—A x D		29" x 25"		
Speed of Vessel		10 knots		
RUDDER mainpiece at head	"	3 1/2" dia	"	
" " heel	"	2 3/4" "	"	
" how constructed	3 forged arms		"	
" double or single plate	Single plate		"	
" coupling, vertical or horizontal	No coupling		"	

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper two decks	at Frame No. 27 { .38 .28 .26	5 x 3 x 30 angles	27 1/2"	-	-
" " Second	at Frame No. 10 { .38 .28 .26	5 x 3 x 30 angles	30"	-	-
" " Third	"				
" " Holds	"				
COLLISION " (in Hold)	{ .38 .28 .26	5 x 3 x 34 angles	24"	-	-
AFTER PEAK "	{ .40 .28 .26	4 x 3 x 30 angles	30"	-	-

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)

STEEL.

Consett Iron Co. Ltd., David Colville & Sons Ltd., The Lanarkshire Steel Co. Ltd.

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

EQUIPMENT No. 2240										LETTER	ANCHORS.				
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE B3.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.				
17069	1st Bower	3	3	2	1	0	0	6	6	0	0	3	Ordinary Iron Stock	Beal & Son Ltd	Cardiff.
17071	2nd "	3	2	0	1	0	14	5	18	0	0	3			
	3rd "														
	Collective weight														Certificate not yet received here.
	Stream														

CHAIN CABLES.											HAWSERS AND WARPS.							
Number of Certificate.	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 Superintendgt.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 53.		
	Length.	Diam.	Statutory.	Breaking.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Tons.	Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Owts. qrs. lbs.	Owts. /	Fathoms.	Ins.					Fathoms.	Ins.		Fathoms.	Ins.	
31065	60.	3/4"	10 1/8	15 1/8	21-2-0	17 1/4	60	3/4"	Stud Link	Not given on Certif.	Cardiff 4 th Aug. 1927	TOWLINE ...	60	5 1/2"	✓	60	5 1/2"	
Iron Stream Chain or Steel Wire		Cir.						Cir.				HAWSERS & WARPS	60	2 1/2"	✓	60	2 1/2"	
											A. Jones							

Steering Gear, Steam *Gemmell & Frow Ltd, Hull.* Steering Gear, Hand *Gemmell & Frow Ltd, Hull.*

Boats one, 16' x 5'-9" x 2'-3 1/2" Steering Chains, Size and Test *9/16", 3 3/4 Tons* Steam Windlass *Emerson, Walker and Thompson Bros. Ltd*

Ceiling in Holds, thickness and material *No holds.* Cargo Battens, thickness, material and spacing ✓

Cargo Hatchways.—(Upper Deck) *None* Thickness of Hatches ✓

Size of No. 1 Hatchway (Forward) ✓ No. 2 ✓ No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6 ✓

Number of Shifting Beams and/or Fore and Afters ✓

For W. S. BAILEY & Co., Ltd.

Builder's Signature *W. S. Bailey*
Managing Director

GENERAL DECLARATION *This vessel has been constructed in accordance with the approved plans & instructions.*

The materials have been tested by the Surveyors to this Society & the workmanship is, in my opinion, satisfactory.

The double bottom tank, bulkheads & weather decks have been satisfactorily tested in accordance with the Rules.

The freeboard has been verified & cut in, verification form & freeboard request form have been forwarded to London.

The amount of Entry Fee £4 = *39: 70*
Special Survey Fee.... £40 = *396: 90*
Freeboard £4 = *39: 70*
Travelling Expenses, if any *75: 00*
Cablegram *6: 30*
Total *557: 60*
State whether the Vessel has been built under Special Survey *yes*

Fees applied for,
17/4 1928

Received by me,
26.7.28

I am of opinion the Vessel should be Classed ** 100 A1*
"For Towing Services"
with notation of Lloyd's A & C.P.

Signature *W. S. Morrison*
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *Builder* Date of issue *25/5/28*

Committee's Minute *FRI. 25 MAY 1928*
Character assigned ** 100 A1 For Towing Services*
Subject *Lloyd's A & C.P.*

+ L.M.C. 4:28
C.P.

TUE. 12 MAR 1929
TUE. 16 OCT 1928

FRI. 15 NOV 1929

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Lloyd's Register
Foundation

W506-0209/2121

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 List of the Plans should be embodied.)

This vessel has been constructed in accordance with the approved plans & instructions, copies of which are in the London Office.

Forging report enclosed herewith.

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

1st Bower

2nd "

3rd "

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

No. and Material of Decks (this information is to be given as it should appear in the Register Book) *One, steel, Teak sheathed*

Official No.

Signal Letters

Is bottom of Vessel coated with cement

yes

if not give

particulars of composition ☒

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<input checked="" type="checkbox"/>		Fore peak tank,		
Double bottom, under Engines and Boilers,	<input checked="" type="checkbox"/>		After peak tank,		
Double bottom, if under Engines only,	<i>12.8</i>	<i>6</i>	Deep tank, aft,		
Double bottom, if under Boilers only,	<input checked="" type="checkbox"/>		Deep tank, forward,		
Double bottom, forward,	<input checked="" type="checkbox"/>		Other tanks, if fitted,		
	Total capacity of double bottom	<i>6</i>	(If necessary, furnish further information by sketch.)		

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

Order for Special Survey No.

Date

24/6/17

Dates of Surveys held while building

1927

Sept. 2, 29, Oct. 11, 22, Nov. 4, 11, 18, 24, Dec. 1, 9, 17, 23, Jan. 4, 13, 19, 28, Feb. 6, 14, 18, 23, 27, March 2, 8, 15, 22, 28, April 3, 11, 13 + 17.

1918

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Total No. of Visits *30*