

STEEL STEAMER or MOTORSHIP.

Received at London Office 14 DEC 1925

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 Oct. '25.

Port of

Hongkong.

No.

5927

Survey held at

Hongkong.

Date First Survey

28th July, 1925

Last Survey

30th Sept 1925

On the (State if Machinery fitted with or without Tonnage Deck...)

Single Screw Steel Steamer

"CHANGTE"

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

Full Scantling.

State Type of Erections

Combined Poop & Bridge disconnected Forecastle

TONNAGE under Tonnage Deck...

2946.38.

CLASS 100 A1.

State if with freeboard as condition of Class

No.

Built at

Hongkong.

Launched

15th April 1925

Yard No. 618.

Builders

Hongkong & Whampoa Dock Co Ltd.

Owners

Australian-Oriental Line Ltd.

Managers

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

Residence

Hongkong.

Port of Registry

Hongkong.

X surveyed while building, afloat, & in dry dock

Yes.

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

Total

Gross Tonnage

4323.75.

Register Tonnage

2579.49.

REGISTERED DIMENSIONS.

FEET.

Length

352.3.

Breadth

48.2.

Depth

27.

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)

L 350

Breadth (greatest moulded)

B 48

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)

D 26

1st Longitudinal Number (L x D)

= 9100.

2nd Numeral L x (B + D)

= 25900.

Framing Depth "d," at middle of length. See Sec. 3 (1d)

14.75.

Proportions—Depth to Length—Uppermost continuous deck to top of keel

13.46.

Do. Long Bridge to top of keel

10.34.

Draught Moulded

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	26		Bracket Floors, Frame	B.A. 8 1/2 3 1/2 46	
" " from 1/4 length to Collision bulkhead	26		" " Reversed Frame	B.A. 8 3 46	
" " in peaks	24		" " Vertical Struts	B.A. 8 3 46	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	39 x 48	
Frame Amidships, Angle, & [	8 3 1/2 50	altered	" " top Angles	3 3 46	
" " Extends up to	Bridge B th		" " bottom Angles	4 4 52	
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	One at 36	
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	28 x 44	
Depth of Framing Girder	8	(8)	" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	3 1/2 3 1/2 36	
Frames in Uppermost Continuous 'tween Decks, Angle, & [	6 1/2 3 36		" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem	3 1/2 3 1/2 36	
" " Second 'tween Decks, Angle, [or [	✓		" " Gussets, spacing and scantling abaft 1/4 len. from stem	104	
" " Third " " " "	✓		" " Gussets, spacing and scantling forward 1/4 len. from stem	52	
Framing in Peaks, Angle & [	7 3 36		Tank Side Brackets, height above base line at toe of Frame and thickness	58	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	1/8 3 1/8	(6/8 (see letter) ✓	INNER BOTTOM PLATING.		
State if Frame Joggled	Yes.		Breadth and thickness of Middle Line Strake	48 x 46	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	Deep Framing Arrang. BA 10 3 1/2 50	APP. 10 x 3 1/2 x 56 FITTED 10 x 3 1/2 x 50 Rev. at 141. 145. 149. 4 x 3 1/2 x 50 L.	Thickness of remainder in Holds	40	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	Solid Keel even, frame fwd 1/4 len. 3 strake shell plating near keel corner & Coll. B th & B th Intercoastal for		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?	Yes.	
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships in Wells, Angle, & [	7 3 38	
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, & [	6 1/2 3 40	
Middle Line Keelson, on Floors, Angles, [or [			Spacing	26	
" " Through Plate or Intercoastal Plate			Second Deck, amidships, Angle, & [	8 3 40	
" " Foundation Plate on Floors			Spacing	26	
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, [or [✓	
Side Keelsons, No. each side			Spacing		
" " thickness of Intercoastal Plate			Fourth Deck, amidships, Angle, [or [✓	
" " Angles			Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, & [	6 3 38	
Solid Floors, thickness and spacing	36 x 78		Spacing	26 24	
" " Are Frame and Reversed Frame joggled?	Yes.		Bridge Deck, Angle, [or [	6 3 38	
Bracket Floors, breadth and thickness at middle line	30 x 36		Spacing	26	
" " breadth and thickness at margin plate	39 x 36		Forecastle Deck, Angle, [or [	6 1/2 3 36	
			Spacing	26 24	

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</i>			Stringer Plate, breadth and thickness in way of Bridge	<i>45</i>	x	<i>-34</i>
" in 'tween Decks, Size and Spacing.....	<i>wide spaced As per App'd Plans & Letters</i>			Thickness of Plating abreast Deck openings in way of Wells	<i>32</i>		
" " " " "				Thickness of Plating abreast Deck openings in way of Bridge	<i>32</i>		
" in Holds " "	<i>Do</i>			Thickness of Plating within line of openings...	<i>32</i>		
" " " " "				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>51</i>	x <i>-86</i>		If Plated, state thickness			
" " " , in way of Bridge	<i>51</i>	x <i>-36</i>		Poop Deck.			
" Angle in Wells	<i>6</i>	<i>6 -82</i>		Stringer Plate, breadth and thickness	<i>36</i>	x <i>-40</i>	
Thickness of Plating abreast Deck openings in way of Wells	<i>56</i>	<i>AND -52</i>		Plating, Sheathing, material and thickness ...	<i>30</i>	<i>1/4 inch</i>	<i>2 1/2</i>
Thickness of Plating abreast Deck openings in way of Bridge	<i>32</i>			Bridge Deck.			
Thickness of Plating within line of openings...	<i>38</i>	<i>AND -32</i>		Stringer Plate, breadth and thickness.....	<i>54</i>	x <i>-44</i>	
If Sheathed, material and thickness	<i>1/4 inch</i>	<i>2 1/2</i>		Plating, Sheathing, material and thickness ...	<i>32</i>	<i>1/4 inch</i>	<i>2 1/2</i>
Second Deck.				Forecastle Deck.			
Stringer Plate, breadth and thickness in Wells...	<i>45</i>	x <i>-36</i>		Stringer Plate, breadth and thickness.....		✓	
				Plating, Sheathing, material and thickness ...	<i>32</i>	<i>1/4 inch</i>	<i>2 1/2</i>

SHELL PLATING.

SCANTLINGS.						RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged?			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.		Diam.	Spacing cr. to cr.		
	Inches.	Inches.	Inches.	Inches.									Inches.	Inches.
FLAT PLATE KEEL	47	68	62	62		Double	7/8	3 1/2	Three.	7/8	3 1/8	Lapped.	
" DELG. (if any)						#							
BOTTOM PLATING, No. } of Strakes 3 } ABC	64	54	44	44		Double	7/8	3 1/2	Three.	7/8	3 1/8	"	
BILGE PLATING, No. of } Strakes 2 } DEF	64	54	44	44		"		3 1/2	Three.	7/8	3 1/8	"	
SIDE PLATING, No. of } Strakes 3 } FGH	64	54	42	42		"		3 1/2	Three	7/8	3 1/8	"	
UPPER DECK, Sheer- } strake in Wells.....	49	82	✓	✓		"	1	4.	Four.	1	4	"	
UPPER DECK, Sheer- } strake in Bridge	49	54	✓			"	7/8	3 1/2	Three	7/8	3 1/8	"	
STRAKE BELOW Sheer- } strake in Wells.....	48	68	42	✓		"	7/8	3 1/2	Three ^{Quadr. are left}	7/8	3 1/8	"	
STRAKE BELOW Sheer- } strake in Bridge	48	54	✓	42		"	7/8	3 1/2	Three	7/8	3 1/8	"	
POOP SIDE PLATING		✓	✓	42		Single	3/4	3	Two.	3/4	2 5/8	"	
BRIDGE SIDE PLATING ...		56	✓	✓		Double	7/8	3 1/2	Three	7/8	3 1/8	"	
FOREC'TLE SIDE PLATING		✓	40	✓		Single	3/4	3.	Two.	3/4	2 5/8	"	

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

WATER-TIGHT BULKHEADS.						Casting or Forging.		Scantlings.		Maker's Name.		Any departure from approved plans to be noted.	
Total No. of W.T. BULKHEADS in Vessel—						Seven							
Extending to Upper Deck (Sec. 3 c)						Six							
Deck next below						One							
As per Rule						Six							
						Plating Thickness.		STIFFENERS.					
								VERTICAL.		HORIZONTALS.			
								Scantlings.		Spacing.		Scantlings.	
MIDSHIP BULK'D, Upper tween decks						26.		4½x3x34		L		30" apart.	
" " Second "													
" " Third "													
" " Holds						38-28		11x3½x48		B.A		do	
COLLISION " (in Hold)						46-30		11½x3½x54		-		24" apart.	
AFTER PEAK " "						76-30		11x3x48		QU LWS		24" apart.	

KEEL, Bar		✓					
STEM		Forging		9x2¾		Builders	
STERN FRAME		Forging		10x7		Builders	
{ Propeller Post				9x7			
{ Rudder "		"		472.			
RUDDER—AxD				13.			
Speed of Vessel				11		Builders	
RUDDER mainpiece at head				8¼			
" " heel				Forging			
" how constructed				double			
" single plate				coupling, vertical or			
" horizontal							

STEEL.

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

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

Wootman Long. Wm Beardmore. Cargo Fleet. Lanarkshire Steel Co.

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

EQUIPMENT No. 29335.												LETTER	W.	ANCHORS.		
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.		Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.				
86869	1st Bower	46	0	20	Stockless			40	0	2	14	44.5	Hall's 6.5 Head	Hingley	Ketterton 7.5.24 H Green	
86850	2nd "	52	3	0				44	1	3	14	52.5	"		"	19.4.24
86920	3rd "	50	2	14				42	15	1	17	52.5	"		"	20.6.24 [Wright]
	Collective weight.	149	2	6								149.5				
87061	Stream	14	0	19	3	2	14	15	16	3	14	14	Ord Forges W.S.			31.7.24 H Green

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 Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 53.	
	Length.	Diam.	Statu-tory.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.	Length.	Diam.					Length.	Ins.		Length.	Ins.
75680	135	2 1/4	76.5	107.9	289.2	14.7	573	75	270	2 1/4	Stud	Hingley	Hetherston 14.8.24	TOWLINE	120	4 1/2			
75686	135	2 1/4	76.5	107.9	292	1-6					Link	do	do	HAWSERS & WARPS	180	2 1/2			
Low Strains Chain on Steel Wire	90	4 1/2			581	3-20													

Steering Gear, Steam *Hastie & Co. controlled by Telemotor* Steering Gear, Hand *Hastie & Co.*

Boats *8 Lifeboats* Steering Chains, Size and Test *✓* Windlass *9 1/2 x 12 Clarke Chapman*

Ceiling in Holds, thickness and material *2 1/2" Pine under Hatches* Cargo Battens, thickness, material and spacing *6 x 1 1/4" Pine spaced 6"*

Cargo Hatchways.—(Upper Deck) *Boamingg Side Ends 44"* Thickness of Hatches *3"*

Size of No. 1 Hatchway (Forward) *23' 10" x 16' 0"* No. 2 *23' 10" x 16' 0"* No. 3 *17' 4" x 16' 0"* No. 4 *19' 6" x 16' 0"* No. 5 *✓* No. 6 *✓*

Number of Shifting Beams *5 in Nos 1 & 2. 3 in Nos 3 & 4.*

HONGKONG & WHAMPOA DOCK Co., Ltd.
 Builder's Signature *R. M. Dyer*
Chief Manager

GENERAL DECLARATION *This Vessel has been built in accordance with the approved plans and instructions, and the materials and workmanship are, in my opinion satisfactory. The Double Bottom Tanks, Peak Tanks, Oil Fuel Bunkers, Settling Tanks, Decks, Bulkheads have been satisfactorily tested.*

The foreboard has been verified & cut in in vessel side (see letter)

The amount of Entry Fee £ *16* : 0 : 0
 Special Survey Fee.... £ *582* : 0 : 0
 Travelling Expenses, if any £ *200* : 0 : 0
 Rate of Exchange *2/4 1/2*

Fees applied for, *Oct 22 1925*
 Received by me, *Oct 28 1925*

I am of opinion the Vessel should be Classed *+100 A1.*

State whether the Vessel has been built under Special Survey *Yes.* Signature *Walter Lang*
 Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *(Builders) HKG* Date of issue *18/12/25*

Committee's Minute *FRI, 18 DEC 1925*

Character assigned *100 A1*

Lloyd Arb. P.

Luis H.K.

Wm

Ltded for oil fuel 9.25
F.P. above 150°F.

+ L.M.B. 9.25
F.D. C.L.

2020

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.)

Copies of the approved plans are in the London office,
Sounding Reports enclosed herewith.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	86869	26.0.0	NO.	1784	21.2.24	London.
	2nd "	86920	27.2.0	M.R.	399	29.4.24	Darlington.
	3rd "	86850	30.2.10	M.R.	351	6&14.3.24	Darlington.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ^{and} ft., R.Q.D. ft., Bridge ^{224.5} ft., Forecastle ^{86.5} ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated Poop & Bridge are joined

No. and Material of Decks (this information is to be given as it should appear in the Register Book) Two Decks Steel
Upper Deck - P.B., Teak Sheathed
Official No. 153594; Signal Letters ✓ Is bottom of Vessel coated with cement Yes if not give particulars of composition.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length.		Water Capacity.	Where Fitted.	Length.		Water Capacity.
	Feet.	Tons.			Feet.	Tons.	
Double bottom, aft,	84.5	80		Fore peak tank,	18	55	
Double bottom, under Engines and Boilers,	73.6	219		After peak tank,	18	34	
Double bottom, if under Engines only,				Deep tank, aft, <i>wing settling tanks each 105.5 T.</i>	15	211	
Double bottom, if under Boilers only,				Deep tank, forward, <i>oil fuel</i>	17.3	366	
Double bottom, forward,	138.6	297		Other tanks, if fitted, <i>wing 0.9 Bunkers each 47.5 T.</i>	19.5	95	
Total capacity of double bottom			596	(If necessary, furnish further information by sketch.)			
* The wells are not to be included in the lengths of the tanks. <i>Tanks at sides of throat 74 tons (see letter).</i>							

Order for Special Survey No. ✓

Date

2nd July 1925

Dates of Surveys held while building

1924.
July 28th Aug. 1 5. 8. 11. 15. 20. 25. 29. Sept 2. 5. 9. 15. 22. 25. 29. Oct 2. 7. 10. 20. 27. 31.
Nov 3. 10. 14. 19. 21. 27. Dec 2. 9. 11. 15. 18. 23. 29. 1925.
Jan 5. 13. 16. 19. 22. 26. 29. Feb 2. 11. 18. 27.
March 3. 6. 10. 13. 17. 21. 24. 27. 31. April 2. 6. 9. 10. 14. 15. 20. 23. 28. 30. May 2. 5. 8. 15. 20. 26.
June 3. 11. 19. 26. July 2. 10. 15. 20. 28. 31. Aug 6. 11. 18. 28. Sept 2. 5. 11. 12. 18. 19. 25. 26. 30. Total No. of Visits 95