

Awning or Shelter Deck, or Pt. Awning Deck.

STEEL STEAMER.

No. 6908.

State if Report is also sent on the Machinery of the Vessel *Yes*
 Port of *Sydney, N.S.W.* Date of completion of Report *11. 5. 21* Received at London Office *WED. 22 JUN. 1921*
 Survey held at *Sydney, N.S.W.* Date, First Survey *27. 10. 20* Last Survey *19. 4. 1921.*
 On the (State if Single, Twin, or Triple Screw) *T.S.S. "MARELLA" Ex. "WAHEHE"* Rig *Two Pole Masts.*

Tonnage under Tonnage Deck...	CLASS	FEET.	Master
Do. between Tonnage Dk. and 3rd, 4th, or Awning Dk.	Breadth (greatest moulded)	<i>55.60</i>	<i>Mortimer</i>
Total under Upper Dk.	Depth , at middle of length from top of keel to top of beams at side of uppermost Continuous Deck	<i>38.06</i>	Year of Appointment <i>1921</i>
Do. of Poop	<i>actual Twin Dks. 8'-0 1/2"</i>	<i>93.66</i>	Built at <i>Hamburg</i>
Do. of R. Gr. Dk.	Deduct height of 'tween deck when this does not exceed 8ft.	<i>8.00</i>	When built <i>1914</i> Launched <i>✓</i>
Do. of Bridge House	Transverse Number	<i>85.66</i>	By whom built <i>Reihersg Schiffsw.</i>
Do. of Forecastle	Length on deck from fore part of stem to after part of sternpost	<i>426.0</i>	Owners <i>Burns Philp & Co. Ltd.</i>
Do. of Houses on Deck	Longitudinal Number	<i>36491.0</i>	Managers
Do. of excess of Hatchways	Depth "d" at middle of length. See Secs. 2 & 13....	<i>18.4</i>	Residence <i>Sydney, nsw.</i>
Crown of Room ..	Proportions , Depths to Length, Uppermost Continuous Deck at side to top of keel	<i>11.2</i>	Port belonging to <i>London.</i>
Space Crown of Room ..	" " " Upper Deck at side to top of keel	<i>14.0</i>	
FOR FEES...			
Room			
ation Spaces			
Tonnage	Destined Voyage <i>Singapore</i>	If Surveyed while Building , Afloat, or in Dry Dock <i>both</i>	

FT. on Rule	INS.	BREADTH	FT.	INS.	DEPTH, ACTUAL	FT.	INS.	No. of Decks with flat laid	No. of Tiers of Beams
<i>426</i>	<i>-</i>	<i>Moulded .. 55.7</i>	<i>-</i>	<i>-</i>	<i>Top of Floors to top of Awning or Shelter Dk. Beams .. 35.27</i>	<i>-</i>	<i>-</i>	<i>3</i>	<i>3</i>
ns of Ship per Register,					Round up of Uppermost Dk. Beam, Actual .. 11 1/2 ins.				
Length <i>426</i> breadth <i>55.8</i> depth <i>34.7</i>									

FRAMING.	PILLARS.
Angles, or E or L Bars, amidships	PILLARS, In 'tween Deck, size and spacing
on peaks	" Hold
in way of Double Bottoms at Solid Floors ..	" Quarter, 'tween Dks., ..
" at intermdt. Bkts. ..	" in Hold ..
of Frames from centre to centre amidships ..	KEELSONS AND STRINGERS.
length to collision bulkhead ..	CENTRE LINE KEELSON, Vertical Plate above ..
of Frames from centre to centre in peaks ..	" floors, Through Plate, or Intercoastal Plate ..
USED FRAME, Angles ..	" Rider Plate ..
in way of Double bottoms at Solid Floors ..	" Flat Keel Plate Angles ..
" at intermdt. Bkts. ..	" Horizontal Plates on Floors ..
ING, depth of girder ..	" Angles or Bulb Angles ..
IS, depth and thickness of Floor Plate ..	SIDE KEELSONS, Number ..
at mid-line for 1/2 length amidships ..	" Angles or Bulb Angles ..
in way of Engine and Boiler spaces ..	" Plate above floors, for ..
thickness at the ends of vessel ..	" Intercoastal Plate, for ..
depth at 1/2 the half-bdth. as per Rule ..	" Attached to outside plating with Angle ..
height extended at the Bilges ..	BILGE KEELSON, Angles ..
IS, in Cell Double Bottoms ..	" Intercoastal Plate, for ..
state if flanged (top and bottom) ..	" Attached to outside plating with Angle ..
spacing of Solid ..	SIDE STRINGERS, Number ..
IE GIRDER, in Dbl. bottom, dpth. & thcknss ..	" Angle ..
" Angles, Top ..	" Intercoastal Plate, for ..
" Bottom ..	" Attached to outside plating with Angle ..
" to Floors ..	Awning or Shelter Deck Stringer Plates, ..
Brackets at intermdt. frmg., wdth & thcknss ..	breadth and thickness ..
GIRDERS, number and thickness ..	" Angle on ditto ..
" state if flanged (top & bottom) ..	" Tie Plates, fore and aft, outside Hatchways ..
Angles ..	" Deck, * Iron or Steel, for ..
IN PLATE, depth (exclusive of flange) ..	" Wood Deck, Material & thickness ..
and thickness ..	Upper Deck Stringer Plate, breadth and ..
Angles to outside plating ..	thickness ..
" to floors ..	" Angles on ditto, No. ..
Brackets at intermdt. frmg., wdth & thcknss ..	" Tie Plates, outside Hatchways ..
Height of Brackets above at bilge ..	" Deck, * Iron or Steel, for ..
BOTTOM PLATING, breadth and ..	" Wood Deck, Material & thickness ..
thickness of Middle Line Strake ..	Second Deck Stringer Plates, br'dth & thckn's ..
" thickness in Engine and Boiler space ..	" Angles on ditto, No. ..
" Remainder in Holds ..	" Tie Plates, outside Hatchways ..
S. Awning or Shltr Dk, Single Angle, ..	" Deck, * Material and thickness ..
Bulb Angle, Plate, Tee Bulb or Channel ..	Third, Fourth & Fifth Deck Stringer Plate, ..
spacing ..	breadth and thickness ..
S. Upper Deck, Single Angle, Bulb Angle, ..	" Angles on ditto, No. ..
Plate, Tee Bulb or Channel ..	" Tie Plates, outside Hatchways ..
spacing ..	" Deck, Material and thickness ..
S. Second, Third & Fourth Deck, Single ..	Poop Deck Stringer Plate, breadth & thickness ..
Angle, Bulb Angle, Plate, Tee Bulb or Channel ..	" Angles on ditto ..
angles on upper edge ..	" Tie Plates ..
spacing ..	" Deck, Material and thickness ..
S. Poop Deck, Angle, Bulb Angle, Plate, ..	Bridge Deck Stringer Plate, br'dth & thickness ..
Tee Bulb or Channel ..	" Angle on ditto ..
Angles on upper edge ..	" Tie Plates ..
Spacing ..	" Deck, Material and thickness ..
S. Bridge Deck, Angle, Bulb Angle, Plate, ..	Forecastle Deck Stringer Plate, br'dth & th'kns ..
Tee Bulb or Channel ..	" Angle on ditto ..
Angles on upper edge ..	" Tie Plates ..
Spacing ..	" Deck, Material and thickness ..
BEAMS, Forecastle Deck, Angle, Bulb Angle, ..	
Plate, Tee Bulb or Channel ..	
" Angles on upper edge ..	
" Spacing ..	

WEB FRAMES.							FORGINGS or CASTINGS.									
	Inches in Ship.	Inches in Ship.	Inches per Rule.	Inches per Rule.					Inches in Ship.	Inches per Rule.						
WEB-FRAMES, In Fore Body, No. and spacing																
" " " brith. & thickness																
" No. of Side Stringers "																
WEB-FRAMES, In E. & B. Space, No. & spacing																
" " " brith. & thickness																
WEB-FRAMES, In After Body, No. and spacing																
" " " brith. & thickness																
" No. of Side Stringers "																
Size of Face Angles to Web-Frames.....																
BRACKET PLATES to Stringers between Web Frames, depth and thickness.....)																
KEEL, Bar, depth and thickness																
STEM, moulding and thickness																
STERN-POST for Rudder do. do.....																
" for Propeller																
RUDDER-AxD° Table 22. Speed																
Main-Piece, diameter at head																
" " " at heel.....																
BULKHEADS.	Number.	Thickness.	STIFFENERS.		Single or Double Frames.	Height up state deck.										
Vessel.	Per Rule.	Inches.	Horizontal.	Vertical.												
W.T.BULKHEADS			Size.	Spacing.	Size.	Spacing.										
			Inches.	Inches.	Inches.	Inches.										
" COLLISION "																
PARTITION "																
LONGITUDINAL..																
RUDDER, how constructed																
Thickness of Plates or Single Plate																
Can the Rudder be unshipped aloft?																
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. ?																
Are the outside Plates doubled two spaces of Frames in length? No joggled frames																
Are the Stave Valves and Watertight Doors in efficient working order? Yes.																
Has the Steel been tested as required by the Rules? To Germanischer Lloyd.																
PLATING.																
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.									
	AMIDSHIP.		FORWARD.	AFT.	AMIDSHIP.		Ordinary or Joggled?	BUTTS.								
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Single or Double.	Breadth of Lap.	RIVETS.	Double or Triple what Length.	RIVETS.	STRAPS.	IF LAPPED.			
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Feet.			
FLAT PLATE KEEL.....	49.6	.76	.66	.72			Double	6 1/8	1 1/4	4	Treated	1 1/8	3 1/2	22 1/2	.86	
(1) Bar Keel, state Riveting.)																
GARBOARD or A Strake	68.8	.562	.57	.50			"	6 1/8	1	4	Lead	3/4	3 1/2			14 1/2 all.
State actual thickness in way of Double Bottom.							"	6 1/8	1	4	"	1	"			14 1/2 "
B	69.7	.562	.57	.57			"	6 1/8	1	4	"	1	"			14 1/2 "
C	69.5	.559	.56	.58			"	6 1/8	1	4	"	1	"			14 1/2 "
D	69.6	.568	.56	.58			"	6 1/8	1	4	"	1	"			14 1/2 "
E	51.8	.625	.57	.57			"	6 1/8	1	4	"	1	"			14 1/2 "
F	48.5	.562	.60	.56			"	6 1/8	1	4	"	1 bar 3/8				12 1/2 "
G	69.3	.625	.63	.54			"	6 1/8	1	3.9	Lead all	1 bar 3/8				12 1/2 "
H	69.5	.625	.60	.59			*	6 1/8	1	3.9	Inble all	3/8 full 3/8				9 1/2 "
I	69.7	.595	.63	.56			"	6 1/8	1	3.9	"	3/8				9 1/2 "
J	69.7	.565	.55	.57			"	6 1/8	1	3.9	"	3/8				9 1/2 "
K	64.7	.565	.55	.57												

EQUIPMENT No. 41628										LETTER b7 ✓										ANCHORS.									
Number of Certificate.		Anchors.		WEIGHT, EX STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE.			WEIGHT REG. BY TABLE 31.			Description of Anchor.			Makers.		Where and when tested and Superintendent.								
				Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.													
42276		1st Bower ..		75	1	0	Stockless			56	5	0	0	172	2	-	all forged Taylor Drednought S. Taylor & Sons				Certificate Office for Underwriters, Southam Road, London E.C.4. 27 April 1914								
42275		2nd " ..		74	0	7				55	15	0	0				"												
41836		3rd " ..		72	1	0				54	15	0	0				"												
		Collective weight ..		221	2	7								207	-	-													
42277		Stream		19	2	7	4	3	17	30	6	1	0	20	2	0	Ordinary												
42278		Kedge		9	1	21	2	1	21	"	9	0	7	9	0	0	Iron Stock				Thomas Young.								
Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.																													
1st Bower ✓ 2nd " ✓ 3rd " ✓																													
CHAIN CABLES.																													
Number of Certificate.		Length and Size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Fathoms and Size per Table 31.		Description.		Makers of Cables.		Where and when tested, and Superintendent.		Material.		Length and Size Breaking Test of Steel Wire.		Fathoms and Size per Table 31.									
		Length.	Diam.	Statutory.	Breaking.	Supplied.	Per Rule.	Length.	Diam.									Length.	Gir.	Length.	Gir.								
2236		2 1/2 Bare 300						Fathoms in good order 300 2 1/2				A. Borsig.		19.8.14		TOWLINE		Fathoms.	Ins.	Tons.	Fathoms.	Ins.							
																		130	5 1/2	5 1/2	130	5 1/2							
																		HAWSESWARPS	120	3 3/8	"	40 100	8.						
																		"	2nd 120	3 3/8	"								
																		SIGNAL	7 + 8"										
Iron Stream Chain or Steel Wire..																													
Boats 8; 29-4"x9'0"x3'6") (1); 24-1x6'5"x3'-0) all Eliel Steering Gear, Steam Horizontal Type Steering Gear, Hand Screw Gear. Pumps, Number Two Downson Diameter of Barrel 4 1/2 State whether they are in efficient working order yes. Windlass is Lion Horizontal 10 1/2 Cylinder x 13 1/4 Stroke. Capstan ✓ Engine Room Skylights.—How constructed? Steel Plates & Angles What arrangements for deadlights in bad weather? Strong Bulls Eyes. Coal Bunker Openings.—How constructed? Flush Scuttles on Sides How are lids secured? Locking Covers. Height above deck? Flush .5 Deck Number of Scuppers, and numbers and dimensions of Leaking Decks, &c. 9, at 3 1/2 each side. Ceiling in Holds, thickness and material 3" Pine Cargo Battens, thickness and material 6"x2 1/2" pine Cargo Hatchways.—How formed? Plates and Angles Hatches, If strong and efficient? Yes; State size No. 1 Hatch (Forward) 18-5"x14-1" No. 2 Hatch 25-3"x17-4" No. 3 Hatch 18-5"x15-1" No. 4 Hatch 16-1"x15-1" Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch Web plates 2 in N° 1, 3 + 4; 3 in N° 2. No Fore and afters. No. of Breasthooks Four No. of Crutches Two. Bulkheads, height above deck and description Nil Main Rail and Stays, material and size Teak Rail & Slanchions Rails The foregoing is a correct description. Surveyor's Signature A. C. Heron. Builder's Signature (here only) Surveyor to Lloyd's Register of Shipping.																													
Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case) Cablegram and London Letter, H. 27.10.20. Planned 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? Joggled Frames. Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Yes, same examined 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? Not any seen. 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. 26, par. 20)? ✓ State results of tests ✓ Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? ✓ State results of tests ✓ General Remarks (State quality of workmanship, &c.) This vessel has been surveyed in accordance with Cablegram and Secretaries Letter H. 27.10.20, a Complete S.S.N° 2 has been held, and Section 48 of the Rules has been fully complied with See Sydney Report N° 6746. As will be seen from Plans (now forwarded, General Arrangement and Pumping Plan copied from Original Builders Plans on board, Remainder Section and Longitudinal now made by Owners Draughtsmen from particulars obtained on board) this vessel was built to the highest class in Germanischer Lloyd.) Had a shade opening forward which has at some previous time been filled in with heavy sheer stake plating and in way of old openings in addition to gunwale angle, a heavy angle bar is fitted to shell plate and stringer on bottom side of stringer plate on shelter deck. The Collision Bulkhead is watertight to upper deck only, The Fore Peak however is constructed specially strong for Ice, and a second w.T. Bulkhead. 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 £ 10: 0 : 0 Fees applied for, 12. 5 1921 Special Survey Fee.... £ 65: 0 : 0 Received by me, 23. 6. 1921 Travelling Expenses, if any £ : : Certificate to be sent to Sydney. Date of issue 18/3/22 State whether the Vessel has been built under Special Survey No I am of opinion this Vessel should be Classed Yes. With, or without Freeboard, as condition of Class Pack Committee's Minute Character assigned FRI. 10 FEB. 1922 THU. 28 FEB. 1922 A.P. J.P.R. 2.2.1 L.M. 6.2.21 F.D. C.L. © 2021 Lloyd's																													

GENERAL REMARKS—(continued).

is fitted to upper deck eight frame spaces abaft the forward collision bulkhead. The Superstructures on Shellin Deck do not show any signs up to the present of straining, the Dining Room on Shellin deck and Social Hall on Promenade Deck contain a considerable amount of marble fittings in lieu of ordinary hardwood ceilings and paneling. Four 22" dia. Coaling scuttles with locking doors or covers, are fitted within midship half length on Shellin deck flush with top of Teak wood deck 20" doubling plates as compensation riveted to stringer plate, 7'-0" long in way of each scuttle opening. All Watertight doors have been seen in good working order. Ventilators all in good condition. The vessel has made two trips to Singapore via Fremantle and examining generally and in Dry Dock at Woolwich on 19. 4. 21 when all was found in order. The Rolling Tanks have not yet been used. See Sydney Report 6746. It is the intention of the Owners to fit a Refrigerating Installation in the Forward Nos 1 + 2 Tween Decks at an early date, Machine of Ammonia Type Duplex now being constructed under Lloyds Special Survey, in accordance with the Rules, at ^{Mot's} Harb Dock and Engineering Works Sydney. N.S.W. The Plans at present on board principally for Ships Lines is of the Direct Expansion Type and has not come under our Survey.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒ (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 should appear in the Register Book) 2 DKS + Shellin dk, (Upper + Shellin Keels). Official No. 143170; Signal Letters J W Q F. State if Machinery is fitted aft No. How are the surfaces preserved from oxidation? Inside Paint and Cement Outside Paint.

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	117.3	314.0	Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only, and Cross Bunker	65.5	289.0	Deep tank, aft, Anti Rolling Tank at Fore	9.2	89.
Double bottom, if under Boilers only, Dry Tank			Deep tank, forward, Anti Rolling Tank at Bulkhead	13.9	110.
Double bottom, forward,	140.3	587.0	Other tanks, if fitted,		
	Total capacity of double bottom	1190.0	(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. The double bottom under Engines + Cross Bunker used for Boiler Feed + Drinking Water

Order for Special Survey No. Cable
Date 27. 10. 20.
No. ☒ in builder's yard.
Surveyor's Signature
Surveyor's Signature
Total No. of Visits 24