

STEEL ~~STEAMER~~ or MOTORSHIP.

Received at London Office

22 MAR 1926

State if Report has been sent on the Freeboard of the Vessel *yes*State if Report is sent on the Machinery of the Vessel *herewith*Date of completion of report *18 March 1926*Port of *Copenhagen*No. *7214*Survey held at *Copenhagen*Date First Survey *23 May 1925*Last Survey *4. May March 1926*On the *(Full, Scantling, Complete Superstructure with or without Tonnage Openings)**Steel Single Screw Motor Vessel > MOMBAL*State Type *Full scantling,*State Type of Erections *Poop Bridge*TONNAGE under Tonnage Deck *2734.83*CLASS *+100 A1*State if with freeboard as condition of Class ☒Built at *Copenhagen*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) *331'-0"*Launched *15 January 1926* Yard No. *341*Total ☒Breadth (greatest moulded) *46'-6"*Builders *Als Burmeister & Wains Kjöbenhavn*Gross Tonnage *3020.74*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *25'-6"*Owners *Adelaide Steamship Co.*Register Tonnage *1758.17*1st Longitudinal Number (L x D) *= 8441*Managers ☒  
(Where necessary to be entered in Reg. Book.)

## REGISTERED DIMENSIONS.

FEET.

Length *331.8*Breadth *46.6*Depth *23.1*Framing Depth "d," at middle of length. See Sec. 3 (1d) *21.42*Proportions—Depth to Length—Uppermost continuous deck to top of keel *13.*Do. Long Bridge to top of keel *10.*Draught Moulded *22'-0"*Residence *Adelaide*Port of Registry *Sidney*If surveyed while building, afloat, & in dry dock *yes.*

## 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	27		Bracket Floors, Frame	8 3/4 3 1/2 50	
" " from 1/2 length to Collision bulkhead	27		" " Reversed Frame	8 3 50	
" " in peaks	24		" " Vertical Struts	8 3 50	
DE FRAMING.			Centre Girder, depth and thickness amidships	38 1/2 48	
Frame Amidships, Angle, <i>45°</i> or <i>60°</i>	10 1/2 3 1/2 58		" " top Angles	4 1/2 4 1/2 45	
" " Extends up to <i>Upper Deck</i>			" " bottom Angles	5 5 53	
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness	<i>one</i> 36	
" " Extends up to			Margin Plate depth (excl. of flange) and thickness	<i>horizontal</i> 66 40	
Depth of Framing Girder	10 1/2		<i>horizontal</i> Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	3 1/2 3 1/2 36	
Frames in Uppermost Continuous 'tween Decks, Angle, <i>45°</i> or <i>60°</i>	6 1/2 3 32		<i>horizontal</i> Vertical Angle to Tank side Bracket forward 1/2 len. from stem	3 1/2 3 1/2 36	
" " Second 'tween Decks, Angle, <i>45°</i> or <i>60°</i>			" " Gussets, spacing and scantling abaft 1/2 len. from stem		
" " Third " " " "			" " Gussets, spacing and scantling forward 1/2 len. from stem		
Framing in Peaks, Angle or <i>45°</i>	7 3 32		Tank Side Brackets, height above base line at toe of Frame and thickness	6'-0" x 42	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8" sp. 6"		INNER BOTTOM PLATING.		
State if Frame Joggled	<i>yes</i>		Breadth and thickness of Middle Line Strake	47 1/2 x 45	
STRENGTHENING ARRANGEMENTS (Sec. 7), state system and particulars	<i>3 webs 29" x 48</i> <i>3 side str 29" x 34</i>		Thickness of remainder in Holds	38	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>double frames</i> <i>2 extra intercostals in 1/2 height 36"</i>		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & P. space and framing in Bulkheads and Boiler Room?	<i>yes</i>	
DOUBLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships in Wells, Angle, <i>45°</i> or <i>60°</i>	9 3 1/2 51	
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, <i>45°</i> or <i>60°</i>	7 1/2 3 44	
Middle Line Keelson, on Floors, Angles, <i>45°</i> or <i>60°</i>			Spacing	27	
" " Through Plate or Intercostal Plate			Second Deck, amidships, Angle, <i>45°</i> or <i>60°</i>		
" " Foundation Plate on Floors			Spacing		
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, <i>45°</i> or <i>60°</i>		
Number of Keelsons, No. each side			Spacing		
" thickness of Intercostal Plate			Fourth Deck, amidships, Angle, <i>45°</i> or <i>60°</i>		
" Angles			Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, <i>45°</i> or <i>60°</i>	6 3 30	
Solid Floors, thickness and spacing	<i>36 on every 3rd frame</i>		Spacing	27" x 24"	
" " Are Frame and Reversed Frame joggled?	<i>yes</i>		Bridge Deck, Angle, <i>45°</i> or <i>60°</i>	6 3 34	
Bracket Floors, breadth and thickness at middle line	3'-0" 36		Spacing	27	
" " breadth and thickness at margin plate	5'-0" 36		Forecastle Deck, Angle, <i>45°</i> or <i>60°</i>	7 3 42	
			Spacing	27 apart 24 apart	



# 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</b> , No. of Rows.....	2 rows in boxes 2 x 3.			Stringer Plate, breadth and thickness in way of Bridge .....		
	2 " " Bridge.			Thickness of Plating abreast Deck openings in way of Wells .....		
	" in 'tween Decks, Size and Spacing.....	6 1/2 x 30 1/2		Thickness of Plating abreast Deck openings in way of Bridge .....		
	" " " widely spaced	7 x 30 1/2		Thickness of Plating within line of openings.....		
	" in Holds			If Sheathed, material and thickness .....		
<b>Centre Line Bulkhead.</b>				<b>Third Deck.</b>		
Stiffeners and Spacing.....				Stringer Plate, breadth and thickness.....		
Plating, thickness of .....				If Plated, state thickness.....		
<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.....		50 x 1.70		If Plated, state thickness .....		
" " " in way of Bridge.....		36 x 38		<b>Poop Deck.</b>		
" " " Angle in Wells .....		49 x 35		Stringer Plate, breadth and thickness .....	36 x 32	
Thickness of Plating abreast Deck openings in way of Wells .....		6 x 6 x 76		Plating, Sheathing, material and thickness .....	30, 3' wood.	
Thickness of Plating abreast Deck openings in way of Bridge .....		60 ft 2 1/2		<b>Bridge Deck.</b>		
Thickness of Plating within line of openings.....		.30		Stringer Plate, breadth and thickness.....	50 x 43	
If Sheathed, material and thickness .....				Plating, Sheathing, material and thickness .....	.34	
<b>Second Deck.</b>				<b>Forecastle Deck.</b>		
Stringer Plate, breadth and thickness in Wells.....				Stringer Plate, breadth and thickness.....	31 x 32	
				Plating, Sheathing, material and thickness .....	.32	

## 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.	
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.
FLAT PLATE KEEL .....	47	.67	.61	.61		Double	7/8	3 1/2	3 rows	7/8	3 1/8 lapped
" <del>DECK</del> (if any)											
BOTTOM PLATING, No. of Strakes ...3.....	69	.53	.53	.43		Double	7/8	3 1/2	3 rows	7/8	3 7/8 lapped
BILGE PLATING, No. of Strakes .....2.....	69	.53	.43	.43		"	7/8	3 1/2	"	7/8 x 3/4	3 5/8 2 5/8 "
SIDE PLATING, No. of Strakes .....2.....	69	.53	.42	.42		"	7/8	3 1/2	"	7/8 x 3/4	" x " "
UPPER DECK, Sheer-strake in Wells.....	49	.76	.44	.44	.42 approved	"	1 1/2 7/8	{ 3 1/2	4 rows at 6' ends 3 elsewhere	1 1/2 7/8	4 x 3 5/8 "
UPPER DECK, Sheer-strake in Bridge ...	49	.53				"	7/8	3 1/2	3 rows	7/8	3 5/8 "
STRAKE BELOW Sheer-strake in Wells.....	69	.62	.44	.42	.42 approved	"	7/8	"	"	"	"
STRAKE BELOW Sheer-strake in Bridge ...	69	.53				"	7/8	"	"	"	"
POOP SIDE PLATING .....	X: 43	.57				Single	3/4 x 7/8	{ 3 1/2	2 rows	5/8	2 1/4 "
BRIDGE SIDE PLATING ...	L: 56	.57				Double	7/8	3 1/2	3 "	7/8	3 5/8 "
FORECASTLE SIDE PLATING		.38				Single	3/4	3	2 "	3/4	2 5/8 "

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c).....6

" Deck next below.....✓

As per Rule.....

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper 'tween decks	✓	.40	8 x 3 x 46 1/2	27"-28"	✓
" " Second " "		.34	5 x 3 x 34 1/2	27	✓
" " Third " "				27-28	
" " Holds .....	✓	.38-.26	1/2 x 3 1/2 x 54 1/2	24	✓
" " (in Hold) .....	✓	.42-.26	1/2 x 3 1/2 x 52 1/2	24	✓
<b>COLLISION</b> " "		.42-.30	7 x 3 x 40 1/2	24	✓
<b>AFTER PEAK</b> " "					

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL, Bar</b> .....	✓			
<b>STEM</b> .....	forged	8 1/2 x 24	Burns & Wain, G.	
<b>STERN FRAME</b> { Propeller Post .....	steel casting	9 1/2 x 6 1/4		
{ Rudder " .....	"	8 1/2 x 6 1/4		
<b>RUDDER—A x D</b> .....		285.51		
<b>Speed of Vessel</b> .....		11 1/2 knots		
<b>RUDDER</b> mainpiece at head ..		8 3/4		
" " heel ..	forged	6 3/4	Burns & Wain, G.	
" " how constructed .....	7' long	arms & trunk		
" " double or single plate ..	steel	single	Wain, G.	
" " coupling, vertical .....				
" " horizontal .....				

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture).....**Siemens-Martin.**

**STEEL.**.....**Cargill Iron Co, Middletown** **Thinning Iron Co, Caplin Row.**

**Sherman, Long & Co, Middletown.** **Risen & Co, Holstein, Hambro.**

Has the Steel been tested as required by the Rules? **yes.**



EQUIPMENT No. 25447												LETTER	ANCHORS.				
Number of Certificate.	Anchors.	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.					
87412	1st Bower ...	45	0	21	✓			39	8	0	14	✓	45	Hall's Caststeel Lead, shank forged.	N. Hingley & Sons	Satterton H. Green 1925	5/3 14/3 2 1/1 23/8 1924
87416	2nd „ ...	45	0	13	✓			39	6	2	7	✓	45				
87319	3rd „ ...	38	2	21	✓			34	19	1	14	✓	38				
	Collective weight.	128	3	27	✓								128				
87085	Stream .....	15	0	16				16	14	1	14		12 x stock				

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.	Statutory.	Breaking.	Supplied.	Per Rule.			Length.	Diam.					Length.	Cir.		Length.	Cir.
5974	135	1 1/2	67-10	94-10	255-3-0	255-3-0			270	1 1/2	Stud	S. Hingley	Satterton	TOWLINE ...	120	4 1/2	46	120	4 1/2
5992	135	1 1/2	67-10	94-10	255-2-26	255-2-26			270	1 1/2	link	& Sons	H. Green, 19/3 1925	HAWSERS & WARPS	2 x 50	3	18		
															2 x 50	63	18		
															2 x 40	7 1/2	Manilla	2 x 40	7 1/2
															2 x 100	7 1/2	Manilla	2 x 70	7 1/2
															7 x 100	6	Manilla		

\* 8 joining 2 2nd Shackles. \* 9 joining Shackles, 1 End do.  
Steering Gear, Steam Electric-Hydraulic (Brown Bros) Steering Gear, Hand Combined with Electric-Hydraulic  
Boats 2 4000 Lbs boats: 27'-0" x 8'-3" x 3'-5" Steering Chains, Size and Test ✓ Telemotor Windlass Electrically driven, Clarke Chapman & Co.  
Ceiling in Holds, thickness and material 2 1/2" Pine Cargo Battens, thickness, material and spacing 2" wood, 9" spacing  
Cargo Hatchways.—(Upper Deck) In well 36" x 44" inside Bridge 9" x 3 1/2" x 50 L Thickness of Hatches 2 1/2" wood  
Size of No. 1 Hatchway (Forward) 24'-9" x 18'-0" No. 2 33'-9" x 18'-0" No. 3 24'-9" x 18'-0" No. 4 22'-6" x 18'-0" No. 5 ✓ No. 6 ✓  
Number of Shifting Beams and/or Fore and Afters No. 1: 4 off, No. 2: 6 off, No. 3: 4 off, No. 4: 4 off.

ACTIESELSKABET  
BURMEISTER & WAINES MASKIN- OG SKIBBYGGERI.  
Builder's Signature *J. M. Møller*

GENERAL DECLARATION: The materials in this vessel are to my satisfaction, and the workmanship is good. —  
The freeboard has been marked on the vessels sides and been cut in. —  
The double bottom ballast tanks, the peak tanks, tunnel, Bulkheads, watertight Bulkheads, weatherdecks, clippers and sanitary rooms, floor have been tested by water and found tight. —  
The vessel has been built according to the approved plans, the secretary's letters and to my satisfaction.

12 = 18.56 Kr.  
The amount of Entry Fee ..... £ 1292 Kr. 92 Pf. Fees applied for, 20. 3. 1926.  
Special Survey Fee .... 4194 Kr. 56 Pf. Received by me, 16. 4. 26.  
Travelling Expenses, if any £ V: 148 Kr. 48 Pf.  
State whether the Vessel has been built under Special Survey yes  
Signature *Jac. v. Rosen.*  
Surveyor to Lloyd's Register of Shipping.  
Certificate to be sent to Copenhagen Date of issue 13/4/26

Committee's Minute FRI. 26 MAR 1926  
Character assigned 100 F.I.  
Lloyd's A & C.P. Oil Engines  
*Brise*



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.)

Forging Certificate:

Stempost	Copenhagen	1572	AΦ	15-8-25	Cast steel
Rudder Mainpiece	"	157976	LX	18-1-26	G.M. Ingot Steel
Rudder Head	"	157977	LX	18-1-26	"
Tiller	Leith	151078	ATT	29-2-25	Forged Steel

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	1587412	Anchorhead	107 LR	weight 26-1-4	38 W. Sunderland	9-10-24.
	2nd "	" 87416	"	126 LR	" 25-3-17	"	3-12-24.
	3rd "	" 87319	"	129 LR	" 21-3-19	"	3-12-24.
	Stream:	" 87085	"	935 LR	" 8-2-16	H.C.F. London	21-7-20.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 34.2 ft., R.Q.D. ☒ ft., Bridge 159.0 ft., Forecastle 33.5 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)

1 dk (etc)

Official No. ☒ ; Signal Letters

Is bottom of Vessel coated with cement : ☒ if not give

particulars of composition : No 2 : Double Bottom Tank Cement washed, Bilge Gates Bitumastic solution. Torpedo tank and Afterpeak tank Cement washed, enamel.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	96'-9	204	Fore peak tank,		67
Double bottom, under Engines and Boilers,	49'-6	162	After peak tank,		120
Double bottom, if under Engines only,			Deep tank, aft,		✓
Double bottom, if under Boilers only,	139'-6	412	Deep tank, forward,		✓
Double bottom, forward,			Other tanks, if fitted,		✓
Total capacity of double bottom		778	(If necessary, furnish further information by sketch.)		

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

Order for Special Survey No. 27

Date 21-11-1924.

Dates of Surveys held while building

3/6/1924. — 23/5/1925 31/8 25/9 29/9 11/10 7/10 19/10 20/10 21/11 6/11 10/11 11/11 17/11  
20/11 23/11 8/12 11/12 14/12 16/12 19/12 23/12 24/12 1926. 4/1 5/1 6/1  
11/1 12/1 13/1 15/1 15/1 21/1 29/1 12/2 15/2 16/2 18/2 27/2 1/3 4/3.

Total No. of Visits

40.