

STEEL ~~STEAMER~~ or MOTORSHIP.

Received at London Office

4 OCT 192

State if Report has been sent on the Freeboard of the Vessel *herewith*State if Report is sent on the Machinery of the Vessel *herewith*Date of completion of report *1 October**1928*Port of *Copenhagen*

No.

*7808*Survey held at *Copenhagen*Date First Survey *3 January*Last Survey *1 September**1928*On the (State if Machinery *single screw* and if Single, *Double* Screw)(Machinery fitted *amidships*) *Single screw, Motorvessel "YANDRA"*State Type (Full Scantling, *Complete* Scantling, *Partial* Scantling)*Full Scantling*State Type of Erections *Pop, Raised**Austria 34, Force.*TONNAGE under Tonnage Deck... *629.89*CLASS *100A 1*State if with freeboard as condition of Class ☒Built at *Copenhagen*Launched *18 July 1928*Yard No. *555*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) *L 21'-0"*

FEET.

Breadth (greatest moulded) *B 35'-0"*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 17'-3"*1st Longitudinal Number (L x D) *= 2888*2nd Numeral L x (B + D) *= 10238*Framing Depth "d," at middle of length. See Sec. 3 (1d) *10.69*
*14.49*Proportions—Depth to Length—Uppermost continuous deck to top of keel *15:28 12:18*
Do. Long Bridge to top of keel ☒Draught Moulded *(12'-8")*Builders *A/S Burmeister & WAINA Maskins**of Skibstøpperi.*Owners *The Adelaide Steamship Co. Ltd.*Managers ☒

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

Residence *Adelaide, Australia*Port of Registry *Port Adelaide*

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.
MES, Spacing amidships	24	<input checked="" type="checkbox"/>	Bracket Floors, Frame	<input checked="" type="checkbox"/>	
" " from $\frac{1}{4}$ length to Collision bulkhead	24	<input checked="" type="checkbox"/>	" " Reversed Frame	<input checked="" type="checkbox"/>	
" " in peaks	24	<input checked="" type="checkbox"/>	" " Vertical Struts	<input checked="" type="checkbox"/>	
FRAMING.			Centre Girder, depth and thickness amidships	30 $\frac{1}{2}$ x .39	
Frame Amidships, Angle, \angle or \square	$\frac{1}{15}$ 65 $7\frac{1}{2}$ $4\frac{1}{2}$ x 3 x .30 $\frac{1}{130}$ 65 85 5 x 3 x .48	<input checked="" type="checkbox"/> <i>as fitted in ship.</i>	" " top Angles	3 x 3 x .35	
" " Extends up to	<i>Upper deck</i> <i>Quarter deck</i>		" " bottom Angles	3 x 3 x .39	
Reversed Frame Amidships, Angle		<input checked="" type="checkbox"/>	Side Girders, No. each side and thickness	1 - .29	
" " Extends up to			Margin Plate depth (excl. of flange) and thickness	21 x .34	
Depth of Framing Girder			" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem	3 x 3 x .29	
Frames in Uppermost Continuous 'tween Decks, Angle, \angle or \square			" " Vertical Angle to Tank side Bracket forward $\frac{1}{4}$ len. from stem	3 x 3 x .29	
" " Second 'tween Decks, Angle, \angle or \square			" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem	<input checked="" type="checkbox"/>	
" " Third " " " "			" " Gussets, spacing and scantling forward $\frac{1}{4}$ len. from stem	<input checked="" type="checkbox"/>	
Framing in Peaks, Angle \angle or \square	$\frac{1}{15}$ 65 .7	<input checked="" type="checkbox"/>	Tank Side Brackets, height above base line at toe of Frame and thickness	4'-0 x .32 <i>at Quarter deck & Motor space</i>	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	$\frac{3}{4}$ - $5\frac{1}{4}$ sp.	<input checked="" type="checkbox"/>	INNER BOTTOM PLATING.		
State if Frame Joggled	<i>Sidestrings — 1st 12' x .30</i> <i>2nd 12' x .30</i> <i>3rd 12' x .30</i> <i>4th 12' x .30</i> <i>5th 12' x .30</i> <i>6th 12' x .30</i> <i>7th 12' x .30</i> <i>8th 12' x .30</i> <i>9th 12' x .30</i> <i>10th 12' x .30</i> <i>11th 12' x .30</i> <i>12th 12' x .30</i> <i>13th 12' x .30</i> <i>14th 12' x .30</i> <i>15th 12' x .30</i> <i>16th 12' x .30</i> <i>17th 12' x .30</i> <i>18th 12' x .30</i> <i>19th 12' x .30</i> <i>20th 12' x .30</i> <i>21st 12' x .30</i> <i>22nd 12' x .30</i> <i>23rd 12' x .30</i> <i>24th 12' x .30</i> <i>25th 12' x .30</i> <i>26th 12' x .30</i> <i>27th 12' x .30</i> <i>28th 12' x .30</i> <i>29th 12' x .30</i> <i>30th 12' x .30</i> <i>31st 12' x .30</i> <i>32nd 12' x .30</i> <i>33rd 12' x .30</i> <i>34th 12' x .30</i> <i>35th 12' x .30</i> <i>36th 12' x .30</i> <i>37th 12' x .30</i> <i>38th 12' x .30</i> <i>39th 12' x .30</i> <i>40th 12' x .30</i> <i>41st 12' x .30</i> <i>42nd 12' x .30</i> <i>43rd 12' x .30</i> <i>44th 12' x .30</i> <i>45th 12' x .30</i> <i>46th 12' x .30</i> <i>47th 12' x .30</i> <i>48th 12' x .30</i> <i>49th 12' x .30</i> <i>50th 12' x .30</i> <i>51st 12' x .30</i> <i>52nd 12' x .30</i> <i>53rd 12' x .30</i> <i>54th 12' x .30</i> <i>55th 12' x .30</i> <i>56th 12' x .30</i> <i>57th 12' x .30</i> <i>58th 12' x .30</i> <i>59th 12' x .30</i> <i>60th 12' x .30</i> <i>61st 12' x .30</i> <i>62nd 12' x .30</i> <i>63rd 12' x .30</i> <i>64th 12' x .30</i> <i>65th 12' x .30</i> <i>66th 12' x .30</i> <i>67th 12' x .30</i> <i>68th 12' x .30</i> <i>69th 12' x .30</i> <i>70th 12' x .30</i> <i>71st 12' x .30</i> <i>72nd 12' x .30</i> <i>73rd 12' x .30</i> <i>74th 12' x .30</i> <i>75th 12' x .30</i> <i>76th 12' x .30</i> <i>77th 12' x .30</i> <i>78th 12' x .30</i> <i>79th 12' x .30</i> <i>80th 12' x .30</i> <i>81st 12' x .30</i> <i>82nd 12' x .30</i> <i>83rd 12' x .30</i> <i>84th 12' x .30</i> <i>85th 12' x .30</i> <i>86th 12' x .30</i> <i>87th 12' x .30</i> <i>88th 12' x .30</i> <i>89th 12' x .30</i> <i>90th 12' x .30</i> <i>91st 12' x .30</i> <i>92nd 12' x .30</i> <i>93rd 12' x .30</i> <i>94th 12' x .30</i> <i>95th 12' x .30</i> <i>96th 12' x .30</i> <i>97th 12' x .30</i> <i>98th 12' x .30</i> <i>99th 12' x .30</i> <i>100th 12' x .30</i>		Breadth and thickness of Middle Line Strake	40 $\frac{1}{2}$ x .34	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>For 2/5 L from Collision bulkhead</i> <i>Single frame</i> <i>5 x 5 x .35</i> <i>Row of intercostals</i>		Thickness of remainder in Holds	.31	
DOUBLE BOTTOM.			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?	<input checked="" type="checkbox"/>	
Floors, Depth and thickness at mid-line in Holds			BEAMS. Quarter Deck Beams	6 x 3 x .30	
Height of Brackets at side above base line at toe of frame			Uppermost Continuous Deck, amidships in Wells, Angle, \angle or \square	6 $\frac{1}{2}$ x 3 x .33	
Middle Line Keelson, on Floors, Angles, \angle or \square			" " in way of Bridge, Angle, \angle or \square	<input checked="" type="checkbox"/>	
" " Through Plate or Intercostal Plate			Spacing	24	
" " Foundation Plate on Floors			Second Deck, amidships, Angle, \angle or \square		
" " Flat Plate Keel Angles			Spacing		
Side Keelsons, No. each side			Third Deck, amidships, Angle, \angle or \square		
" " thickness of Intercostal Plate			Spacing		
" " Angles			Fourth Deck, amidships, Angle, \angle or \square		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing	30, sp. 24"		Poop Deck, Angle, \angle or \square	4 $\frac{1}{2}$ x 3 x .34	
" " Are Frame and Reversed Frame joggled?	<input checked="" type="checkbox"/>		Spacing	24	
Bracket Floors, breadth and thickness at middle line	<input checked="" type="checkbox"/>		Bridge Deck, Angle, \angle or \square	<input checked="" type="checkbox"/>	
" " breadth and thickness at margin plate	<input checked="" type="checkbox"/>		Spacing	<input checked="" type="checkbox"/>	
			Forecastle Deck, Angle, \angle or \square	6 x 3 x .36 5 x 3 x .34 4 x 3 x .38	
			Spacing	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.....	✓			Stringer Plate, breadth and thickness in way of Bridge			7
„ in 'tween Decks, Size and Spacing.....	✓			Thickness of Plating abreast Deck openings in way of Wells			
„ „ „ „ „	✓			Thickness of Plating abreast Deck openings in way of Bridge			
„ in Holds „ „	✓	8 x 3 1/2 x 3 1/2 7 x 3 1/2 x 3 1/2 6 x 3 1/2 x 3 1/2	.38 .44 .38	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	44	34	54 See bulkhead	If Plated, state thickness	✓		
„ „ „ „ in way of Bridge	40	40		Poop Deck.			
„ Angle in Wells				Stringer Plate, breadth and thickness		26	
Thickness of Plating abreast Deck openings in way of Wells		40		Plating, Sheathing, material and thickness	2 1/2 TEAK	26	
Thickness of Plating abreast Deck openings in way of Bridge		32		Bridge Deck.			
Thickness of Plating within line of openings...		30		Stringer Plate, breadth and thickness.....	✓		
If Sheathed, material and thickness	✓			Plating, Sheathing, material and thickness	✓		
Second Deck.				Forecastle Deck.			
Stringer Plate, breadth and thickness in Wells...	✓			Stringer Plate, breadth and thickness		28	
				Plating, Sheathing, material and thickness		26	

SHELL PLATING.

SCANTLINGS.						RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled? <input checked="" type="checkbox"/>			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.		Inches.	Inches.		
FLAT PLATE KEEL	40	.58	.53	.53	✓	2 1/2	3/4	3	3	7/8	3 1/8	strapped	
„ DBLG. (if any)	✓												
BOTTOM PLATING, No. of Strakes3...	66	.40	.36	.36	✓	2 1/2	3/4	3	2	3/4	2 5/8	Lapped	
BILGE PLATING, No. of Strakes1...	63	.40	"	"	✓	"	"	"	2	3/4	"	"	
SIDE PLATING, No. of Strakes2...	66	{.40 .42	"	"	✓	"	"	"	3 2/4	3 3/4 7/8 }	3 1/8	"	
UPPER DECK, Sheer- strake in Wells.....)	66	.56	"	"	✓								
UPPER DECK, Sheer- strake in Bridge ...)	✓												
STRAKE BELOW Sheer- strake in Wells.....)	✓												
STRAKE BELOW Sheer- strake in Bridge ...)	✓			.36 .28									
POOP SIDE PLATING						single	3/4	3	2	3/4	2 5/8	Lapped	
BRIDGE SIDE PLATING ...	✓					✓							
FOREC'TLE SIDE PLATING			.26		✓	single	5/8	2 1/2	2	5/8	2 1/4	Lapped	

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—									
Extending to Upper Deck (Sec. 3 c) 4 ✓									
" Deck next below ✓									
As per Rule ✓									
	Plating Thickness.	STIFFENERS.				Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
		VERTICAL.		HORIZONTAL.					
		Scantlings.	Spacing.	Scantlings.	Spacing.				
MIDSHIP BULKHD, Upper tween decks	✓								
" " Second "	✓								
" " Third "	✓								
" " Holds	✓	34-26	6 1/2 x 35	30	5				
COLLISION " (in Hold)	✓	36-26	6 x 35	24	5	5 in 6 x 62 mm			
AFTER PEAK " "	✓	35-26	8 1/2 x 35	24		Tunnel Rec.			

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	✓	✓		✓
STEM	forged inferior steel	6 1/2 x 12		✓
STERN FRAME {	Cast-steel	6 9/16 x 4 1/4	Johnson Steel works	✓
	Propeller Post			
" }	Rudder "	6 3/8 x 4 7/16	Swedish.	✓
RUDDER—A x D	132.98			
Speed of Vessel	10 1/2 kn.			
RUDDER mainpiece at head	forged	6 1/2 x 5 7/8	Burns & Main	✓
	inferior steel	4 1/4	Copenhagen.	✓
" " heel				
✓ " how constructed		3 forged arms	shanks on & forged.	
✓ " double or single plate		single plate		
✓ " coupling, vertical or horizontal		horizontal		

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Balzer & Steel
(Siemens-Martin process): David Colville & Sons, Ltd. Glasgow.

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

Lloyd's Register
Foundation

EQUIPMENT No. 11138												LETTER m		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.
89844	1st Bower ...	Cwts. 23	qrs. 2	lbs. 0	Cwts. ✓	qrs.	lbs.	Tons. 23	cwts. 10	qrs. 0	lbs. 0	Cwts. 23 1/4	} Perkins; forged open heart ingot steel.	} N. Hingley & Sons	} Netheriton 6/428 (sign) H. Green.
89845	2nd " ...	23	1	12	✓			23	8	0	14	23 1/4			
89843	3rd " ...	20	1	20	✓			21	3	3	0	20 1/4			
	Collective weight.	67	1	4	✓							66 3/4 ✓			
89846	Stream	7	2	6	✓			9	15	3	21	6			

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.
84530	105	1 3/16	27.2	55.12	112-1-0				210	1 7/16	stud	N. Hingley & Sons.	Netheriton, 9/328, (sign) H. Green	S.W. TOWLINE...	90	3 1/4	30.14.0	90	3 1/4
84531	105	1 7/16			113-0-6	222 1/2								HAWSERS & WARPS	4x40	2 1/2	✓	✓	✓
															90	6 1/4	✓	90	6 1/4
															90	5 1/4	✓	90	5 1/4
Stream	60	3 1/2	✓	35-10					60	3 1/2	S.W.				4x40	5 1/4	✓	✓	✓

Steering Gear, Steam *Electric - Hydraulic.* Steering Gear, Hand *F. Hastie, Gramack.*
Boats *2 off, STEEL, 22'-0" x 7'-6" x 2'-9"* Steering Chains, Size and Test ☒ Windlass *Clarke, Chapman, Gateshead.*
Ceiling in Holds, thickness and material *2 1/2" pine* Cargo Battens, thickness, material and spacing *6 x 2" pine, sp. 9"*
Cargo Hatchways.—(Upper Deck) *Steel Coaming: 3'-6" x 4'-4"* Thickness of Hatches *2 1/2"*
Size of No. 1 Hatchway (Forward) *26'-0" x 16'-0"* No. 2 *28'-0" x 16'-0"* No. 3 *28'-0" x 16'-0"* No. 4 ☒ No. 5 ☒ No. 6 ☒
Number of Shifting Beams and/or Fore and Afters: *No. 1 = 3 off. No. 2 & 3 = 5 off. -*

Builder's Signature *AKTIESELSKAPET SURMEISTER & WARS MASKIN OG SKIBSBYGGERI*

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel *yes* (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo ☒ The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

The vessel is fitted for the carriage of oilfuel in the double-bottom tanks, flashpoint above 150°F.

The vessel is built in accordance with the plans approved by the Committee, the secretaries letters, the rules for the building of steel-ships, and to my satisfaction.

The materials employed in this vessel are to my satisfaction and the workmanship is good.

The freeboard has been marked on the vessels sides, and cut in and verified.

All the tanks have been tested and found tight.

The weatherdecks, bulkheads and tunnel, and scuppers have been tested and found tight.

The amount of Entry Fee *£ 72 Kr 80 pr* Fees applied for, *29.9 19 28.*
Special Survey Fee.... *£ 1800 Kr*
FREEBOARD: *72 Kr 80 pr*
Travelling Expenses, if any *£ 2 Kr 20 pr* Received by me, *6.11.28*

I am of opinion the Vessel should be Classed *+100A 1.*
Lloyd's A & C.P.

State whether the Vessel has been built under Special Survey *yes.*

Signature

Joe v. Ravn.
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *SURVEYORS OFFICE Copenhagen* Date of issue *19/10/28*

Committee's Minute *FRI. 19 OCT 1928*

Character assigned *+100 A1*

Lloyd's A & C.P.

+ L.M.C. 9.28 C.
Oil Engines

W. G. X

W. G. X



© 2020

Lloyd's Register Foundation

00762

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.

— Approved plans.

- 1) Midship section.
- 2) Longitudinal section.
- 3) Stemframe & Rudder.
- 4) Engine seating.

— Certificates:

- 1) Stemframe.
- 2) Rudder mainpiece.
- 3) Tiller.

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 26.5 ft., R.Q.D. 90.0 ft., Bridge ✓ ft., Forecastle 23 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated. yes.

No. and Material of Decks (this information is to be given as it should appear in the Register Book)

1 26 (42)

Official No. ✓

; Signal Letters ✓

Is bottom of Vessel coated with cement ✓

particulars of composition oil.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water
Double bottom, aft,	<u>48</u>	<u>52</u>	Fore peak tank,	<u>17-6 1/4</u>	
Double bottom, under Engines and Boilers,	<u>✓</u>		After peak tank,	<u>14-4 3/4</u>	
Double bottom, if under Engines only,	<u>36</u>	<u>152</u>	Deep tank, aft,		
Double bottom, if under Boilers only,	<u>✓</u>		Deep tank, forward,		
Double bottom, forward,	<u>86</u>	<u>136</u>	Other tanks, if fitted,		
Total capacity of double bottom		<u>340</u>	(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. 26

Date

29/11/27.

Dates of Surveys held while building

3/1 1928

14/3-15/5-4/6-12/6-18/6-30/6-3/7-4/7-7/7-9/7-10/7
11/7-12/7-18/7-23/7-30/7-3/8-6/8-7/8-10/8-17/8
20/8-24/8-27/8-30/8-1/9 1928.

Lloyd's Register
Foundation

Total No. of Visits