

Rpt. 1.

RECEIVED WRECK SECTION
STEEL STEAMER OR MOTORSHIP.RECEIVED WRECK SECTION
Received at London Office

15 JAN 1947

17 JAN 1947

SECTION

No. 861 B

State if Report has been sent on the Freeboard of the Vessel No

State if Report is sent on the Machinery of the Vessel Yes

Date of completion of report 14th November 1946 Port of SYDNEY - N.S.W. No. 20,751

Survey held at SYDNEY N.S.W. Date First Survey 15-8-46 Last Survey 30-10-1946

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Ste. Sgl. Sc. Stm. Trawler "MALDANNA"

State Type (Full scantling, Complete Superstructure with or without Tonnage Openings) Full scantling State Type of Erections Fcl. only

TONNAGE under Tonnage Deck 245.45 CLASS 100 A-1. State if with freeboard) No Built at Port Chalmers N.Z.

Do. of space or spaces between Tonnage Dk. and Upper Dk. Length from fore part of stem to after part of stern } L 125'-0" most on summer L.W.L. See Sec. 3 (1a)

Total Breadth (greatest moulded) B 23'-6" Builders Messrs Stevenson & Cook

Gross Tonnage 284.20 Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 13'-6" Owners Red Funnel Trawlers Pty. Ltd.

Register Tonnage 164.04 1st Longitudinal Number (L x D) = 1687 Managers (Where necessary to be entered in Reg. Book.)

2nd Numeral L x (B + D) = 4625 Residence

REGISTERED DIMENSIONS. FEET. Framing Depth "d," at middle of length. See Sec. 3 (1d) 12.16 Port of Registry Sydney

Length 185 Proportions—Depth to Length—Uppermost continuous deck to top of keel 9.26 If surveyed while building, afloat, or in dry dock

Breadth 23.5 Do. Long Bridge to top of keel Afloat & in dry dock

Depth 14.1 Draught Moulded Afloat & in dry dock

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.
AMES, Spacing amidships	21"	A	Bracket Floors, Frame		
" " from 1/2 length amidships to Collision bulkhead	21"	A	" " Reversed Frame		
" " in peaks	21"	A	" " Vertical Struts		
FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, E or F	5 3 3/4	A	" " top Angles		
" " Extends up to	Upper Dk	A	" " bottom Angles		
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness		
" " Extends up to			Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	5"	A	" " Vertical Angle to Tank side		
Frames in Uppermost Continuous 'tween Decks, Angle, E or F			" " Bracket abaft 1/2 len. from stem		
" " Second 'tween Decks, Angle, E or F			" " Vertical Angle to Tank side		
" " Third " " "			" " Bracket from forward 1/2 len. from stem to Panting Area		
" " from 1/2 len. for'd. to 15% len. from Stem	5 3 3/4	A	" " Gussets, spacing and scantling abaft 1/2 len. from stem		
" " in Peaks, Angle or E	5 3 3/4	A	" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 Riv. spaced 7 diam. C to C	A	Tank Side Brackets, height above base line at toe of Frame and thickness		
State if Frame Joggled	No	A	INNER BOTTOM PLATING.		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	Not required by Rules	A	Breadth and thickness of Middle Line Strake		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?			Thickness of remainder in Holds		
Are the scantlings and arrangements in way of the Bottom Aft in accordance with the Rules and/or as approved?			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?		
DOUBLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	16" x 40 fl 3/4"	A	Uppermost Continuous Deck, amidships in Holds, Angle, E or F	6 3 1/2 3/8	A
Height of Brackets at side above base line at toe of frame	None	A	" " in way of Bridge, Angle, E or F		
Middle Line Keelson, on Floors, Angles, E or F	12-3 1/2-3 1/2-4 1/2-6 0	A	Spacing	Alternate	
" " Through Plate or Intercoastal Plate			Second Deck, amidships, Angle, E or F		
" " Foundation Plate on Floors			Spacing		
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, E or F		
Keelsons, No. each side	One 5 4 4 3	A	Spacing		
" " thickness of Intercoastal Plate			Fourth Deck, amidships, Angle, E or F		
" " Angles			Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, E or F		
Solid Floors, thickness and spacing			Spacing		
" " Are Frame and Reversed Frame joggled?			Bridge Deck, Angle, E or F		
Bracket Floors, breadth and thickness at middle line			Spacing		
" " breadth and thickness at margin plate			Forecastle Deck, Angle, E or F	5 3 3/4	A
			Spacing	alternate	

	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.....	Two	One		
" " in 'tween Decks, Size and Spacing.....	✓			
" " " " " "	✓	2 7/8 dia. @ 3-6"		
" " " " " "	Angles 2 1/2 x 2 1/2 x 3/8 Flats 1 3/4 x 1/4 3'-9" apart			
" " in Holds " " " "	✓			
Centre Line Bulkhead.	✓			
Stiffeners and Spacing.....	✓			
Plating, thickness of				
STRINGERS AND DECKS.				
Uppermost Continuous Deck.				
Stringer Plate, breadth and thickness in Wells.....	25" x 3/8"			
" " " " in way of Bridge.....	✓			
" Angle in Wells	3 3 3/8"			
Thickness of Plating abreast Deck openings in way of Wells.....	7' x 3/8"	8' x 3/2"		
Thickness of Plating abreast Deck openings in way of Bridge	✓			
Thickness of Plating within line of openings....	✓			
If Sheathed, material and thickness	5' x 3" Kauri Pine at sides of casing			
Second Deck.	✓			
Stringer Plate, breadth and thickness in Wells....				
Stringer Plate, breadth and thickness in way of Bridge.....				
Thickness of Plating abreast Deck openings in way of Bridge				
Thickness of Plating within line of openings....				
If Sheathed, material and thickness				
Third Deck.				
Stringer Plate, breadth and thickness.....				
If Plated, state thickness.....				
Fourth Deck.				
Stringer Plate, breadth and thickness.....				
If Plated, state thickness				
Poop Deck.				
Stringer Plate, breadth and thickness				
Plating, Sheathing, material and thickness ..				
Bridge Deck.				
Stringer Plate, breadth and thickness.....				
Plating, Sheathing, material and thickness ...				
Forecastle Deck.				
Stringer Plate, breadth and thickness.....				
Plating, Sheathing, material and thickness ..				

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. <i>No</i>			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if Joggled?	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		<i>None</i>		<i>1</i>									
" DBLG. (if any)		<i>✓</i>											
CARBOARD	<i>50 1/2</i>	<i>.45</i>	<i>.40</i>	<i>.40</i>		<i>Double</i>	<i>3/4</i>	<i>3 1/8</i>		<i>Double</i>	<i>3/4</i>	<i>2 5/8</i>	<i>Lapped</i>
BOTTOM PLATING, No. of Strakes <i>One</i>	<i>61</i>	<i>.40</i>	<i>.40</i>	<i>.40</i>		"	"	"		"	"	"	"
BILGE PLATING, No. of Strakes <i>Two</i>	<i>62</i>	<i>.45</i>	<i>.40</i>	<i>.40</i>		"	"	"		"	"	"	"
SIDE PLATING, No. of Strakes <i>One</i>	<i>63</i>	<i>.45</i>	<i>.40</i>	<i>.40</i>		"	"	"		"	"	"	"
UPPER DECK, Sheer- strake in Wells.....	<i>61</i>	<i>.50</i>	<i>.40</i>	<i>.40</i>		"	"	"		"	"	"	<i>Strapped</i>
UPPER DECK, Sheer- strake in Bridge ...		<i>✓</i>											
STRAKE BELOW Sheer- strake in Wells.....		<i>✓</i>											
STRAKE BELOW Sheer- strake in Bridge ...		<i>✓</i>											
POOP SIDE PLATING		<i>✓</i>											
BRIDGE SIDE PLATING ...		<i>✓</i>											
FOREC'TLE SIDE PLATING	<i>-</i>	<i>.35</i>	<i>-</i>			<i>Sgle</i>	<i>3/4</i>	<i>3 1/8</i>		<i>Double</i>	<i>3/4</i>	<i>2 5/8</i>	<i>Lapped</i>

Total No. of W.T. BULKHEADS in Vessel—		4		Any Depart from Appro Plans to be N	
Extending to Upper Deck (Sec. 3 c)		All			
" Deck next below		✓			
As per Rule		3			
		STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks		✓			
" " Second "		✓			
" " Third "		✓			
" " Holds		26-375	6 x 3 1/2 x 3/8	24	W.T. Flat ✓
COLLISION " (in Hold)		31-43	6 x 3 1/2 x 3/8	24	✓ ✓
AFTER PEAK " "		28-5	4 x 3 1/2 x 3/8	24	✓ ✓ ✓
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)		Open hearth process			
STEEL.		Broken Hill Pty Co Ltd - Newcastle N.S.W.			
Has the Steel been tested as required by the Rules?		Not known - Examined during alterations to ship & other samples of good quality ✓			

ANCHORS.										ANCHORS.											
Number of Certificate.		Anchors.		WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 33.		Description of Anchor.		Makers.		Where and when tested and Superintendent.	
				Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.							
41756	1st Bower ...	7	1 0	-	-	-	9	8	1 14	1	7 1/2			Byers Improved.	W. L. Byers.	Bundarland.	6-3-42.				
42029	2nd " ...	6	2 21	-	-	-	9	0	0 0	1	6 1/2			"	"	"	9-6-42.				
	3rd " ...															Bundarland.	W. L. Byers.				
	Collective weight.	13	3 21											13 1/2							
4059	Stream	4	0 7				3	3	6 10 0 0	1	3			Admiralty	Brown & Co.	Bundarland.	8-1-43				

CHAIN CABLES.										HAWERS AND WARPS.																	
Number of Certificate.		Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.				Length and Size per Table 33.		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 33.			
7	Fathoms.	105	1 1/2	Tons.	7	Tons.	7	Cwts.	qrs.	lbs.	60 1/2	Fathoms.	105	1 1/2	Steel Ribs	7	7										
	Ins.																										

Steering Gear, Type (Power or hand)	Power + Hand	Alternative Means of Steering	Blocks + tackle
Steering Chains (Size and Test)	7/8" dia. - no test available	Windlass	Steam by Emerson Wacker S.B.
Ceiling in Holds, thickness and material	none	Cargo Battens, thickness, material and spacing	none
Cargo Hatchways, (Upper Deck)	Fish Hold Insulated with cork Steel coamings 12" high	Thickness of Hatches	2 1/2"
Size of Hatchways	No. 1 (Fwd.) 30" x 30"	No. 2 36" x 30"	No. 3 43" x 44"
	No. 4 36" x 30"	No. 5	No. 6
Number of Shifting Beams	none		

Builder's Signature

(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 (where required to be inserted in the Notation).

This vessel is one of a series built in New Zealand to the order of the H.Z. Govt. & used as auxiliary naval vessels during the war. The scantlings & arrangements are from plans of the "Castle" type of trawler built in the U.K.

At the request of the Owners a Survey equal to the requirements of a S.S. H-3 has been carried out. Fresh water is carried in tanks at the ends of the fish hold. Peak tanks are oil tanks. Vessel examined afloat & in dry dock & the workmanship & materials appear sound & satisfactory. Tanks tested to Rule requirements & found satisfactory.

The amount of Entry Fee £ : : Fees applied for, (Special notations, where part of class, to be stated.)
Special Survey Fee... £ : : 13/11/1946
Travelling Expenses, if any £ 1 : : : Received by me, 19.....

I am of opinion the Vessel should be Classed 100 A.1
STM. TRAWLER

Date whether the Vessel has been built under Special Survey No.....
Signature G. Pratt
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to Sydney N.S.W. Date of issue 18/4/47
Committee's Minute ✓
Character assigned 100A- "Steam Trawler"
10,46 Syd.
S.S. Syd. - 10,46 LMC 10,46 Subject
S 10,46 C.L.

Write Syd.
Classed 10,46
Note for SRL

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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.)

No Sister Vessel

Plans now forwarded:-

Midship Section

Framing Plan

Deck Plan

Shell Plan

Rudder + Stern frame

Pumping Plan

as approved by me

PARTICULARS OF ELECTRIC WELDING (if employed) Used for items of no constructional importance

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

Machy etc. E.S.

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

1st Bower 4 cast cgs. 300, J.D., No 3729, 5-7-41.
2nd " 4 " 0 " 0 " J.D., No 3798, 7-10-41.
3rd " Manufacturer's Drop test certificate, endorsed by Admiralty Overseer, weight 300 cgs. 140, No 2757, at Cardiff, dated 23-10-42.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle 20.5 ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. 178336 Signal Letters VJLC Extreme Breadth over Belting {23.75' No belting Over-all Length 134.04' (Circ. 1611) (Circ. 1703)

No. and Material of Decks 1 Dh (SH-1)

Parts of Bottom of Vessel coated with cement or approved composition Cement throughout Single Bottom

Particulars of composition (if fitted) and of approval

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284) Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft, <i>→ Reserve Feed tank</i>	7.0	16½
Double bottom, if under Boilers only,			Deep tank, forward, <i>→ F.W. tank</i>	3.5	10½
Double bottom, forward,			Other tanks, if fitted,		
Total length (if continuous) and Capacity			(If necessary, furnish further information by sketch.)		

Order for Special Survey No. ☒

Date ☒

Dates of Surveys held while building



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Total No. of Visits