

STEEL STEAMER or MOTORSHIP.

26 FEB 1930

Received at London Office

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 *22nd February 1930* Port of *Liith* No. *17761*
Survey held at *Liith* Date First Survey *12th August 1929* Last Survey *10th February 1930*

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

SS "BOMBO"

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

*Full Scantling without T.O.*State Type of Erections *R.R.D.-B.-F.*TONNAGE under Tonnage Deck... *437.88*CLASS *+100A1*

State if with freeboard as condition of Class

Built at *Liith*

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 154'0"*Launched *18th December 1929* Yard No. *154*Breadth (greatest moulded) *B 30'0"*Builders *Messrs Henry Robb & Co.*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 14'6"*Owners *Two South Wales Government*

Total

1st Longitudinal Number (L x D) *= 2181*Managers *Government Australia*Gross Tonnage *601.8*2nd Numeral L x (B + D) *= 6801*Register Tonnage *128.23*

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

REGISTERED DIMENSIONS. FEET.

Length *154.3*Framing Depth "d," at middle of length. See Sec. 3 (1d) *11.75*Breadth *30.1*Proportions—Depth to Length—Uppermost continuous deck to top of keel *10.9*Depth *12.1*Do. Long Bridge to top of keel *✓*Draught Moulded *13.4*Residence *Sydney*Port of Registry *Sydney*

If surveyed while building, afloat, or in dry dock

while building afloat.

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	<i>24</i>	<i>✓</i>	Bracket Floors, Frame	<i>✓</i>	
" " from $\frac{1}{2}$ length to Collision bulkhead	<i>24</i>	<i>✓</i>	" " Reversed Frame	<i>✓</i>	
" " in peaks	<i>24</i>	<i>✓</i>	" " Vertical Struts	<i>✓</i>	
IDE FRAMING.			Centre Girder, depth and thickness amidships	<i>29 36</i>	
Frame Amidships, Angle, <i>E or F</i>	<i>5 3 30</i>	<i>L 5 1/2 x 3 x 42</i>	" " top Angles	<i>3 3 32</i>	
" " Extends up to	<i>deck</i>	<i>✓</i>	" " bottom Angles	<i>3 3 36</i>	
Reversed Frame Amidships, Angle	<i>✓</i>		Side Girders, No. each side and thickness	<i>one 28 30</i>	
" " Extends up to	<i>✓</i>		Margin Plate depth (excl. of flange) and thickness	<i>straight tank top 31 margin plate</i>	
Depth of Framing Girder	<i>5</i>		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem	<i>✓</i>	
Frames in Uppermost Continuous 'tween Decks, Angle, <i>E or F</i>	<i>✓</i>		" " Vertical Angle to Tank side Bracket forward $\frac{1}{4}$ len. from stem	<i>✓</i>	
" " Second 'tween Decks, Angle, <i>E or F</i>	<i>✓</i>		" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem	<i>✓</i>	
" " Third " " "	<i>✓</i>		" " Gussets, spacing and scantling forward $\frac{1}{4}$ len. from stem	<i>✓</i>	
Framing in Peaks, Angle, <i>E or F</i>	<i>5 3 18</i>	<i>L 5 1/2 x 3 x 32</i>	Tank Side Brackets, height above base line at toe of Frame and thickness	<i>57 34</i>	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>3/4 7 c/c</i>	<i>✓</i>	<i>Bracket connection to Tank Top 3 x 3 x 34 L</i>		
State if Frame Joggled	<i>yes</i>		INNER BOTTOM PLATING.		
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars	<i>5 3 30 5 frames one 13" web frame one side stringer</i>	<i>5 1/2 x 3 x 42 L</i>	Breadth and thickness of Middle Line Strake	<i>60 31 5 30</i>	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>4 1/2 4 1/2 29 bottom frames central girder 15 to shell and double</i>		Thickness of remainder in Holds	<i>29</i>	
ANGLE BOTTOM. From frame 31 to Engine, seating			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?	<i>✓</i>	
Floors, Depth and thickness at mid-line in Holds	<i>16 42 6 33</i>		Uppermost Continuous Deck, amidships	<i>6 3 40</i>	<i>6 1/2 x 3 x 34</i>
Height of Brackets at side above base line at toe of frame	<i>32</i>		UPPER DECK in Wells, Angle, <i>E or F</i>	<i>5 3 40</i>	
Middle Line Keelson, on Floors, Angles, <i>E or F</i>	<i>4 1/2 3 50 double</i>		" " in way of Bridge, Angle, <i>E or F</i>	<i>✓</i>	
" " Through Plate or Intercoastal Plate	<i>Intercoastal</i>		Spacing	<i>every frame</i>	
" " Foundation Plate on Floors	<i>✓</i>		Second Deck, amidships, Angle, <i>E or F</i>	<i>✓</i>	
" " Flat Plate Keel Angles	<i>3 1/2 3 1/2 40 double</i>		Spacing	<i>✓</i>	
Side Keelsons, No. each side	<i>one</i>		Third Deck, amidships, Angle, <i>E or F</i>	<i>✓</i>	
" " thickness of Intercoastal Plate	<i>30 40 below boiler</i>		Spacing	<i>2</i>	
" " Angles	<i>7 3 1/2 56 7 x 3 x 48</i>		Fourth Deck, amidships, Angle, <i>E or F</i>	<i>✓</i>	
DOUBLE BOTTOM.			Spacing	<i>✓</i>	
Solid Floors, thickness and spacing	<i>29 every frame</i>		Poop Deck, Angle, <i>E or F</i>	<i>✓</i>	
" " Are Frame and Reversed Frame joggled?	<i>yes</i>		Spacing	<i>✓</i>	
Bracket Floors, breadth and thickness at middle line	<i>✓</i>		Bridge Deck, Angle, <i>E or F</i>	<i>4 1/2 3 34</i>	
" " breadth and thickness at margin plate	<i>✓</i>		Spacing	<i>24</i>	
			Forecastle Deck, Angle, <i>E or F</i>	<i>5 3 30</i>	
			Spacing	<i>24</i>	

PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS , No. of Rows.....	✓	
" <i>Fo'c'st Bridge</i> in 'tween Decks, Size and Spacing....	27" dia 25" dia	
" " " " "	✓	
" in Holds " "		
" " " " "		
Centre Line Bulkhead.	✓	
Stiffeners and Spacing.....	✓	
Plating, thickness of		
STRINGERS AND DECKS.		
Uppermost Continuous Deck.		
Stringer Plate, breadth and thickness in Wells	48 .50	
" " " " in way of Bridge	622 .33 at Upper D's as per deck plan	
" Angle in Wells	3½ 3½ .33 (see profile)	
Thickness of Plating abreast Deck openings) in way of Wells	✓	
Thickness of Plating abreast Deck openings) in way of Bridge	✓	
Thickness of Plating within line of openings...	29	
If Sheathed, material and thickness	✓	
Second Deck. R.Q.D.	26 .33	
Stringer Plate, breadth and thickness in Wells	622 .32	
Stringer Angles		
Stringer Plate, breadth and thickness in way of Bridge	3 3 .33 ✓	
Thickness of Plating abreast Deck openings) in way of Wells	✓	
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.....	30 .26	
Plating, Sheathing, material and thickness ...	2½" W.P.	
Forecastle Deck.		
Stringer Plate, breadth and thickness	16 .26	
Plating, Sheathing, material and thickness ...	2½ P.P.	

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.		Inches.	Inches.	
FLAT PLATE KEEL	39	56	51	51	sheel plating 25% above Rules Requirements.	Double	3/4	4	Double	3/4	3 1/2	Lapped
„ DBLG. (if any)	✓											
BOTTOM PLATING, No. of Strakes 2	55	46	46	41		Single	3/4	4	Double	3/4	3 1/2	Lapped
BILGE PLATING, No. of Strakes 1	56	46	41	41		"	"	"	"	"	"	"
SIDE PLATING, No. of Strakes 2	63	46	41	41		"	"	"	"	"	"	"
UPPER DECK, Sheer- strake in Wells	44	50	40	40		"	"	"	Double	"	"	"
UPPER DECK, Sheer- strake in Bridge ...	44	60	40	40		"	"	"	Double	"	"	"
STRAKE BELOW Sheer- strake in Wells	44	45	41	41		"	"	"	"	"	"	"
STRAKE BELOW Sheer- strake in Bridge ...	44	45	41	41	"	"	"	"	"	"	"	
POOP SIDE PLATING	✓											
BRIDGE SIDE PLATING ...		31 45 lower plate.							Double	3/4	3 1/2	"
FOREOTLE SIDE PLATING			31						"	3/4	"	"

WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c)..... 4

„ Deck next below..... 1

As per Rule..... 4

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	✓			
STEM		6 x 1 ³ / ₈ rolled steel		
STERN FRAME {	Propeller Post	Forging 5 ³ / ₄ x 3 ¹ / ₂ " T.S. Forster	4	h ^d
	Rudder	" 5 ¹ / ₂ x 3 ¹ / ₂ "	"	
RUDDER—A x D		115		
Speed of Vessel		under 10 knots		
RUDDER mainpiece at head		Forging 5 ¹ / ₄ " T.S. Forster	2	h ^d
" " heel		4"		
" how constructed		Four arms		
" double or single plate		single	86	
" 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) *Consolidated Iron Co. Ltd.*
The Steel Company of Scotland Ltd. - Pearcy Partners Ltd. - The Lanarkshire Steel Co. Ltd. - James
Dunlop & Co. Ltd. - Donnan & Co. Ltd. - David Colville & Sons Ltd. - (OH)
 Has the Steel been tested as required by the Rules? *Yes*

EQUIPMENT No. 7322										LETTER h	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.			
32660	1st Bower	13	0	7				14	17	0	21	12 1/2	3 Jaws Improved	✓	Sunderland 10/12/29 J.H.B.
32725	2nd "	12	3	21				14	15	0	0	12 1/2	"	✓	" 31/12/29 "
32659	3rd "	10	2	21				12	13	0	14	10 1/2	"	✓	" 10/12/29 "
	Collective weight.	36	2	21								35 1/2			
44675	Stream	4	0	14	1	0	4	6	10	0	0		Ordinary	✓	Cradley Heath 17/18/29 L.P.

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.	Stations.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.	Length.					Cir.	Fathoms.		Ins.	Fathoms.	Ins.
65342	15	1 1/8	22 1/4	434 1/8	2 2 26						Tipton	5/12/29 WAD							
65365	105 1/2	"	"	"	68 1 0						"	12/12/29 "	TOWLINE	75	2 3/4	15 1/2	75	2 3/4	
65369	15 1/2	"	"	"	9 3 16						"	12/12/29 "							
65339	30	"	"	"	19 2 17	126 1/4	195	1 1/8	32		"	12/12/29 "							
43822	30	"	"	"	19 1 23						"	5/12/29 "	HAWSERS & WARPS	90	6	19 6	19	6	
	19 1/2	Cir.			126-3-26						Cradley Heath	17/12/29 L.P.							
Iron Stream Chain or Steel Wire	60	2 3/4		15 1/2															

Steering Gear, Steam *Dunkin & Co Ltd* Steering Gear, Hand *relieving tackle*
Boats *2 life boats @ 17'-0"* Steering Chains, Size and Test *13" dia 15 1/2 tons* Windlass *Clarke Chapman's*
Ceiling in Holds, thickness and material *4 P.P.* Cargo Battens, thickness, material and spacing *-*
Cargo Hatchways. (Upper Deck) *off plates & angles* Thickness of Hatches *2 1/2"*
Size of No. 1 Hatchway (Forward) *19'-0" x 18'-0"* No. 2 *19'-0" x 22'-0"* No. 3 *✓* No. 4 *✓* No. 5 *✓* No. 6 *✓*
Number of Shifting Beams and/or Fore and Afters *N° 1 3. N° 2 3.*

HENRY ROBB, LIMITED.
Robert Crawford
Builder's Signature

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel. *✓* (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.

This Vessel has been built in accordance with the approved plans and in general conformity with the Rules. The material & workmanship are good. The Double Bottom Tanks, the Fore & After Peak Tanks, & the weather decks have been tested in accordance with the Rule requirements & the results of these tests were found satisfactory. The steering gear, the windlass, & hand pump (or chain locker) have been used in good working order. The freeboard marks have been cut upon the Vessel's sides and Verified. The shell plating to stern frame is of Rule thickness.

The following plans are forwarded herewith:- Marking Section, Profile & Decks, Rudder & Stern Post, Painting Arrangement, Bulkheads, Detail of Cargo Hatchers, Engine seating & Boiler, Stool, Crane seating & Deck Guides, Crane Seat, Pumping Plan. Also two reports on forgings.

The amount of Entry Fee £ *40:0:0* Fees applied for, *25-2-1930*
Special Survey Fee.... £ *60:4:8* Received by me, *28/2/30*
Fussard *3:6:8*
Travelling Expenses, if any £ *-*

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

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

Signature

Ernest Edwards
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *Lth* Date of issue *3/3/30*

Committee's Minute

Character assigned *+ 100A1*

Goods battens not fitted
Lloyd's Act. + Lmb. 2.30

Write N/A



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Lloyd's Register Foundation

W1006-0002 2/2

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.)

Rpt.
Date of
No. in
Reg. B.
395/11
Built
Engine
Boiler
Register
Nom.
Trade
ENGL
Dia.
Crank
Inter
Tube
Bron
propell
If the
If two
shaft
Propo
Feed
Bilge
Feed
Pump
Ball
Are to
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Super
SP.

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

1st Bower 7-2-7, LR, 335, 4-10-29
2nd ,, 7-3-12, ST, 486, 13-12-29
3rd ,, 6-2-2, LR, 390, 11-10-29

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 48.5 ft., Bridge 18.0 ft., Forecastle 21.5 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) 10th Steel

Official No. ☒

; Signal Letters ☒

Is bottom of Vessel coated with cement in D.B. if not give

particulars of composition yes. Bitumastic solution in way of single bottom.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	11.0	35
Double bottom, under Engines and Boilers,			After peak tank,	8.0	6
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	80.0	116	Other tanks, if fitted,		
	Total capacity of double bottom		(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. 1187

Date 15/10/29

Dates of Surveys
held while building

1929 Aug 12 - Sept 25, 26 - Oct 7, 10, 18, 21,
24, 30 - Nov 7, 20, 27, 28, 30 - Dec 4, 9,
12, 16, 18, 26.
1930 Jan 6, 9, 13, 22, 28, - Feb 4, 7, 10
Total No. of Visits 28.

Lloyd's Register
Foundation