

STEEL STEAMER OF MOTORSHIP.

Received at London Office -2 SEP 1927

WRECK
SECTIONWRECK
SECTIONState 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

31st August 1927

Port of

Belfast.

No. 9815

Survey held at

Belfast.

Date First Survey

2nd March 1927

Last Survey

29th August 1927

1927

On the

(State if Machinery fitted Aft and if Single, Twin or Triple Screw)

Twin screw "BRIGIDA" (Machinery aft)

State Type

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

with Freeboard carrying Petroleum in bulk

State Type of Erections

Poop, Forecastle, Longitudinal Bulk

TONNAGE under
Tonnage Deck

1715.94

CLASS 100 A1

State if with freeboard as condition of Class

Yes

Built at

Belfast.

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 305

Breadth (greatest moulded)

B 50

Depth, at middle of length from top of keel to top
of beam at side of uppermost continuous
deck. See Sec. 3 (1b)

D 15

1st Longitudinal Number (L x D) = 4575

2nd Numeral L x (B + D) = 19825

Framing Depth "d" at middle of length. See
Sec. 3 (1d)

12.5

Proportions—Depth to Length—Uppermost con-
tinuous deck to top of keel

20.33

Do. Long Bridge to top
of keel

13.99

Draught Moulded

11'-7 1/2"

Launched

11th August 1927

Yard No. 799

Builders

Harland & Wolff Ltd.

Owners

Curacao'sche Scheepvaart Maats.

Managers

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

Residence

Port of Registry

Willemstad Curacao

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	25 1/2		Bracket Floors, Frame	✓	
" " from 1/2 length to Collision bulkhead	25 1/2 & 24		" " Reversed Frame	✓	
" " in peaks	24		" " Vertical Struts	✓	
DE FRAMING.			Centre Girder, depth and thickness amidships	✓	
Frame Amidships, Angle, S or C	8 1/2 3 42		" " top Angles	✓	
Extends up to	Upper Deck		" " bottom Angles	✓	
" in E & B spaces B.A. to Poop Deck	6 3 36		Side Girders, No. each side and thickness	✓	
Reversed Frame Amidships, Angle			Margin Plate depth (excl. of flange) and thickness	✓	
" " Extends up to			" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem		
Depth of Framing Girder	8 1/2		" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, E or C	6 3 50		" " Gussets, spacing and scantling abaft 1/2 len. from stem		
" " Second 'tween Decks, Angle, C or E			" " Gussets, spacing and scantling forward 1/2 len. from stem		
" " Third " " " "			Tank Side Brackets, height above base line at toe of Frame and thickness	✓	
Framing in Peaks, Angle or C	AP 6 3 32 FP 6 3 30		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	3/4 & 7/8 at 18 & 14 7/8		Breadth and thickness of Middle Line Strake	✓	
State if Frame Joggled	<i>Yes.</i>		Thickness of remainder in Holds	✓	
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars	One side stringer in forehold, Reverse Framed on No. 52 & 55 from Upper Deck to Panting Stringer from 3/4 L to B.H. No. 18 Bottom frame fitted with 3 1/2 x 3 1/2 in. 50 Back Bars to Shell. For 4 of B.H. No. 18 single angle 5 x 5 x 3/8 connecting floors to shell. Three Intercoastals P.S. fitted 9 3 strakes of Bottom plating mainway midship thickness to coll. B.H.		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?	✓	
STRENGTHENING OF BOTTOM FOR- WARD. State Particulars			BEAMS.		
ANGLE BOTTOM. In Engine Room			Uppermost Continuous Deck, amidships	9 3 40	
Floors, Depth and thickness at mid-line in Holds			" " in Walls, Angle, E or C	6 3 42	
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, S or C	6 3 30	
Middle Line Keelson, on Floors, Angles, C or E			Spacing	24	
" " Through Plate or Intercoastal Plate	44		Second Deck, amidships, Angle, C or E	✓	
" " Foundation Plate on Floors	36 x 48		Spacing		
" " Flat Plate Keel Angles	3 1/2 x 3 1/2 x 1 1/2 BR 56		Third Deck, amidships, Angle, C or E	✓	
Side Keelsons, No. each side	3		Spacing		
" " thickness of Intercoastal Plate	38		Fourth Deck, amidships, Angle, C or E	✓	
" " Angles	3 1/2 3 1/2 40		Spacing		
" " Shell	3 1/2 3 36		Poop Deck, Angle, S or C	6 3 40	
DOUBLE BOTTOM.			Spacing	24 & 25 1/2	
Solid Floors, thickness and spacing			Bridge Deck, Angle, C or E	✓	
" " Are Frame and Reversed Frame joggled?			Spacing		
Bracket Floors, breadth and thickness at middle line			Forecastle Deck, Angle, S or C	1 1/2 3 42	
" " breadth and thickness at margin plate			Spacing	48	

PILLARS AND DECKS.

		INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.	
PILLARS, No. of Bows.	<i>One Spaced</i>	<i>10'-7 1/2' apart.</i>			
"	in 'tween Decks, Size and Spacing.....	✓			
"	" " " " " "				
"	in Holds	DOUBLE CHANNELS	<i>8x3 1/2 x 3 1/2</i>	<i>.48 W. .52 P.</i>	✓
"	" " " " " "				
LONG. TRUNK					
Center Line Bulkheads					
Stiffeners and Spacing <i>in way of Transverse</i>		<i>10x3 1/2 x 3 1/2</i>	<i>.40 W. .56 F.</i>	<i>channel spaced 25 1/2"</i>	
<i>Spaced 17'-0" at DECK 1st side 15'-0" BOTTOM of line</i>		<i>6x3 x .45</i>	<i>BA</i>		
Plating, thickness of <i>Below Deck 10 to 15.34 Above Deck</i>		<i>.42</i>			
STRINGERS AND DECKS.					
Uppermost Continuous Deck.					
Stringer Plate, breadth and thickness in Wells		<i>.48</i>			
"	" " " " in way of Bridge	✓			
"	Angle <i>in Wells</i>	<i>5 5 .50</i>			
Thickness of Plating abreast Deck openings <i>in way of Wells</i>		<i>.48</i>			
Thickness of Plating abreast Deck openings in way of Bridge					
Thickness of Plating <i>at ends</i> within line of openings...		<i>.30</i>			
If Sheathed, material and thickness		✓			
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 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		<i>46x 46 To .34</i>			✓
Plating, Sheathing, material and thickness		<i>Steel 46 To .30</i>			✓
Longitudinal Trunk Top					
Bridge Deck					
Stringer Plate, breadth and thickness.....		<i>60x 48</i>			✓
Plating, Sheathing, material and thickness		<i>In way of 46 Hatches .34</i>			✓
Forecastle Deck.					
Stringer Plate, breadth and thickness.....		<i>.30</i>			✓
Plating, Sheathing, material and thickness		<i>.30 Sheathed</i>			✓

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	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	44	.78 ✓	.60 ✓	.60 ✓		Double	1	4	4	1	4	Lapped	
DBLG. (if any)													
BOTTOM PLATING, No. of Strakes ..H.....}	66 $\frac{1}{2}$ 63 $\frac{3}{4}$ 71 $\frac{1}{2}$ 69 $\frac{1}{4}$.50 ✓	.50 ✓	.44 ✓		"	$\frac{3}{4}$	2 $\frac{5}{8}$	3	$\frac{3}{4}$	2 $\frac{5}{8}$	"	
BILGE PLATING, No. of Strakes	65	.50 ✓	.44 ✓	.40 ✓		"	"	"	"	"	"	"	
SIDE PLATING, No. of Strakes !.....}	72	.50 ✓	.40 ✓	.40 ✓		"	"	"	"	"	"	"	
UPPER DECK, Sheer- strake in Wells.....}	76	.50 ✓	.40 ✓	.40 ✓		"	"	"	"	"	"	"	
UPPER DECK, Sheer- strake in Bridge ...}													
STRAKE BELOW Sheer- strake in Wells.....}													
STRAKE BELOW Sheer- strake in Bridge ...}													
POOR SIDE PLATING50 to .34			Single	$\frac{3}{4}$	3.	2	$\frac{3}{4}$	2 $\frac{5}{8}$	Lapped	
BRIDGE SIDE PLATING ...		✓											
FORECASTLE SIDE PLATING			.37			Single	$\frac{3}{4}$	3	2	"	"	"	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—
Extending to Upper Deck (Sec. 3 c) *Eleven*
,, Deck next below *✓*
As per Rule *Five* *✓*

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	✓			
STEM	✓	Rolled Bar $7\frac{1}{4} \times 1\frac{3}{8}$		
STERN FRAME {				
Propeller Post	✓			
Rudder	✓	Forging $7\frac{1}{4} \times 2\frac{1}{2}$		
RUDDER—A x D	✓	387		
Speed of Vessel	✓	10 Knots		
RUDDER mainpiece at head	✓	Forged	10	
" " heel	✓		$7\frac{1}{2}$	
" how constructed	✓	Riveted Arms		
" double or single plate	✓	Single Plate		
" coupling, vertical or	✓	Horizontal		
" horizontal	✓	Horizontal		

5x3x-36L

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *David Colville & Co*
Wm Beardmore & Co Ltd, Lanarkshire Steel Co. Pease & Partners (all steel)

STEEL.

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

Lloyd's Reg
Foundation

EQUIPMENT No. 2900										LETTER "E"				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.				
60315.	1st Bower ...	42	2	10	Stockless			37	11	3	14	42	Hall's Pattern	Wright & Co. Ltd. Dpton	1/7/27 W. A. Drysdale	
60317	2nd „ ...	42	0	14	"			37	4	1	14	42	"	"	"	
60318	3rd „ ...	35	3	0	"			32	18	3	0	35½	"	"	"	
	Collective weight.	120	1	24	/							✓ 119½ ✓				
60158.	Stream	11	0	14	2	3	7	13	0	0	0	11	Rodgers	"	" 12/4/27 "	

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.		Tons.	Fathoms.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.			Fathoms.	Ins.	Tons.	Fathoms.	Ins.	
61874	240 ² / ₃	1 ⁷ / ₈	63 ¹ / ₄	88 ¹ / ₂	429.0.19		425 ¹ / ₄	240	1 ⁷ / ₈	Steel / Link for weight 160 lbs / 12 ft	Dipton 18/5/27 W.A. Drysdale	TOWLINE ... plate	100	4	33	100	4	
	Spine cable		2 1/2	2 1/2	1.2.14							HAWSERS & WARPS	180	2 ¹ / ₂	12 ¹ / ₂	180	2 ¹ / ₂	
	75	4 ¹ / ₄		36				75	4 ¹ / ₄			"	180	6	4 1/2	180	6	
Iron / Chain / or Steel Wire												"						

Steering Gear, Steam *Hastie & Co. Wilson Pirie type* Steering Gear, Hand *Hastie & Co.*

Boats *Two lifeboats* Steering Chains, Size and Test ☒ Windlass *Emerson Walker (Steam)*

Ceiling in Holds, thickness and material ☒ Cargo Battens, thickness, material and spacing ☒

Cargo Hatchways. (Upper Deck) *O.Y. covers* Thickness of Hatches ☒

Size of No. 1 Hatchway (Forward) ☒ No. 2 ☒ No. 3 ☒ No. 4 ☒ No. 5 ☒ No. 6 ☒

Number of Shifting Beams and/or Fore and Afters ☒

For HARLAND AND WOLFE LIMITED.
Builder's Signature *Chas. Payne*

GENERAL DECLARATION *This Vessel has been built in accordance with the plans approved by the Committee, the Secretary's letter, and in general conformity with the Rules. The workmanship & materials are good. The Cargo Oil Tanks, Cofferdam, Ballast Tanks, Oil Fuel Bunkers, Peak Tanks have been tested as required by the Rules with satisfactory results. The weather Decks & W. 7 Bulkheads have been tested & found satisfactory. Steering Gear, Windlass, Bilge Pumps & hand pump have been tested under working conditions found satisfactory. The Freeboard has been verified & cut in on the vessel's sides.*

The amount of Entry Fee £ *6 : 0 : 0* Fees applied for, *1st Sept. 1927*

Special Survey Fee.... £ *308 : 6 : 6* Received by me, *12.10.1927*

Freeboard *7 : 6 : 8*

Travelling Expenses, if any £ *:*

I am of opinion the Vessel should be Classed *100A1 with Freeboard.*

State whether the Vessel has been built under Special Survey *Yes* Signature *Walter Lang*

Certificate to be sent to *This office* Date of issue *13/10/27* Surveyor to Lloyd's Register of Shipping.

Committee's Minute *TUES. 6 SEPI927*

Character assigned *100A1 with fbd*

Carrying petroleum in bulk

Lloyds atcl.

Thine 8.27 J.D. CL

Fitted for oil fuel 8.27 J.P. above 150°F

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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.)

Sister Vessel T.S.S. "BERTA" Belfast Rpt No 9782

Forging Reports are enclosed herewith
Midship Section Profile Decks are enclosed for reference and in addition the
remainder of plans approved for this Vessel.

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

1st Bower	(60315)	27. 2. 24	R.W.F.	6509	10/6/27
2nd "	(60317)	27. 3. 0	"	6507	"
3rd "	(60318)	21. 3. 14	K.H.	3717	20/1/19

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 87 ft., ^{Longitudinal Trunk} 177 ft., Forecastle 42 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) One Deck Steel

Official No. ; Signal Letters

Is bottom of Vessel coated with cement No. if not

particulars of composition Bitumastic in E.B spaces Cement in Peaks Paint in Pump Room Nothing in
of cargo Tanks Buoyancy Spaces.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			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. 772

Date

12/3/27

Dates of Surveys
held while building

1927
Mar. 2. 10. 11. 15. 21. 24. 28 April 4. 6. 12. 14. 20. 25. 27. 29 May 3
17. 20. 23. 28. 31 June 1. 2. 6. 8. 13. 15. 16. 20. 22. 23. 27. 29. July
5. 7. 19. 20. 21. 22. 25. 27. 29 Aug 2. 3. 9. 11. 15. 19. 23. 29

Total No. of Visits

Rpt.

and the
Register
recomm
that I
with Fre
in Bulk",
being fit

This Certificate is issued
"While the Committee used
that neither the Committee nor
this certificate issued by the Society
judgment, default, or negligence

29. July
Lloyd's Register
Total No. of Visits