

STEEL STEAMER OF MOTORSHIP.

28 JUL 1927

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 *21st July*Port of *Belfast.*No. *9782*Survey held at *Belfast*Date First Survey *2nd March 1927*Last Survey *15th July*

1927

On the (State if Machinery fitted with or without Tonnage Openings) *Turn screw "BERTA" (machinery aft)*State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *With freeboard Carrying Petroleum in Bulk.*State Type of Erections *Pop. Precastle, longitudinal bulk*TONNAGE under Tonnage Deck... *1715.94*CLASS *+100A1*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*Launched *30th June 1927* Yard No. *798.*Total *1715.94*Breadth (greatest moulded) *B 50*Builders *Harland & Wolff Ltd*Gross Tonnage *2610.81*Depth at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 15*Owners *Curacao'sche Scheepvaart Maats.*Register Tonnage *1131.45*1st Longitudinal Number (L x D) = *4575*Managers
(Where necessary to be entered in Reg. Book.)REGISTERED DIMENSIONS.
FEET.Framing Depth "d," at middle of length. See Sec. 3 (1d) *12.5*

Residence

Length *305.06*Proportions—Depth to Length—Uppermost continuous deck to top of keel *20.33*Port of Registry *Willemstad, Curacao.*Breadth *50.26*Do. Long Bridge to top of keel *13.99*

If surveyed while building, afloat, & in dry dock

Depth *15.02*Draught Moulded *11.7 1/2**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 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, \angle or \square	8 1/2 3 42		" " top Angles	✓	
" " Extends up to	Upper 5 th		" " 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	8 1/2		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	✓	
Frames in Uppermost Continuous Decks, Angle, \angle or \square	6 3 50		" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem		
" " Second 'tween Decks, Angle, \angle or \square			" " Gussets, spacing and scantling abaft 1/4 len. from stem		
" " Third " " " "			" " Gussets, spacing and scantling forward 1/4 len. from stem		
Framing in Peaks, Angle or \square	AP 6 3 32 FP 6 3 30		Tank Side Brackets, height above base line at toe of Frame and thickness	✓	
Dimension and Spacing of Rivets through Frame and Shell Plating amidships	3 7/8 4 1/8 at 4 3/8 & 4 7/8		INNER BOTTOM PLATING.		
State if Frame Joggled	Yes		Breadth and thickness of Middle Line Strake	✓	
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars	One side stringer in fore hold. Reverse frames on No. 52 & 55 from Upper 5 th to Parling stringer from 1/4 L to B.H. 48 Bottom plating with 3 1/2 x 3 1/2 x 50 Back Bars to Shell Board of B.H. 48. Single angles 5 x 5 x 3/8 connecting floors to shell. Three intercostals P's fitted & 3 Strakes of Bottom plating maintained midship thickness to Coll. 8.114.		Thickness of remainder in Holds	✓	
STRENGTHENING OF BOTTOM FORWARD. State Particulars			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. In Engine Room.			BEAMS.		
Frames, Depth and thickness at mid-line in Holds	42		Uppermost Continuous Deck, amidships	9 3 40	
Height of Brackets at side above base line at toe of frame			" " in Wells, Angle, \angle or \square	6 3 42	
Middle Line Keelson, on Floors, Angles, \angle or \square			" " in way of Bridge, Angle, \angle or \square	6 3 40	
" " Through Plate or Intercoastal Plate	44		Spacing	24	
" " Foundation Plate on Floors	36 x 48		Second Deck, amidships, Angle, \angle or \square	✓	
" " Flat Plate Keel Angles	3 1/2 x 3 1/2 x 46 BR-56		Spacing		
Keelsons, No. each side	3		Third Deck, amidships, Angle, \angle or \square	✓	
" thickness of Intercostal Plate	38		Spacing		
" Angles	3 1/2 3 1/2 40 3 3 40 3 1/2 3 36		Fourth Deck, amidships, Angle, \angle or \square	✓	
DOUBLE BOTTOM.			Spacing		
Floors, thickness and spacing	✓		Poop Deck, Angle, \angle or \square	6 3 40	
" Are Frame and Reversed Frame joggled?	✓		Spacing	24 & 25 1/2	
Bracket Floors, breadth and thickness at middle line	✓		Bridge Deck, Angle, \angle or \square		
" breadth and thickness at margin plate	✓		Spacing	7 1/2 3 42 8 3 44	
			Forecastle Deck, Angle, \angle or \square		
			Spacing	48	

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.....		<i>One spaced 10'-7 1/2" apart.</i>									
,, in 'tween Decks, Size and Spacing.....		✓									
,, " " " " " "											
,, in Holds		<i>Double Channels</i>		<i>8x3 1/2x3 1/2x</i>		<i>48 W. 52 F.</i>					
LONG. TRUNK											
Centre Line Bulkheads.											
Stiffeners and Spacing.....		<i>in way of transverse</i>		<i>10x3 1/2x3 1/2x</i>		<i>40 W. 56 F.</i>					
<i>spaced 17'-0 1/2" at Deck & 10'-0 1/2" at Bottom of cr line.</i>		<i>both sides, elsewhere</i>		<i>6x3x-45</i>		<i>BA</i>		<i>Chanel spaced 25 1/2</i>			
Plating, thickness of		<i>Below Deck 40 to 54 Above Deck 42.</i>									
STRINGERS AND DECKS.											
Uppermost Continuous Deck.											
Stringer Plate, breadth and thickness in Wells		<i>48</i>									
,, " " " " in way of Bridge		✓									
,, Angle in Wells		<i>5 5 50</i>									
Thickness of Plating abreast Deck openings in way of Well		<i>48</i>									
Thickness of Plating abreast Deck openings in way of Bridge											
Thickness of Plating within line of openings		<i>30 at ends</i>									
If Sheathed, material and thickness		✓									
Second Deck.											
Stringer Plate, breadth and thickness in Wells...		✓									
Stringer Plate, breadth and thickness 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 1/2 34</i>									
Plating, Sheathing, material and thickness		<i>Steel 46 1/2 30</i>									
Longitudinal Trunk, Top.											
Bridge Deck.											
Stringer Plate, breadth and thickness		<i>60x 48</i>									
Plating, Sheathing, material and thickness		<i>Steel 46 in way of Hatch 30</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. 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	44	.78	.60	.60		Double	1	4.	4	1	4	Lapped
" DBLG. (if any)												
BOTTOM PLATING, No. of Strakes }	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 ...												
POOP SIDE PLATING	50 $\frac{1}{2}$.34					Single.	$\frac{3}{4}$	3.	2	$\frac{3}{4}$	2 $\frac{5}{8}$	Lapped
BRIDGE SIDE PLATING ...												
FOREC'TLE 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)..... **11.**

„ Deck next below..... **5.**

As per Rule.....

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	✓			
STEM	Roller Bar	$7\frac{1}{4} \times 1\frac{7}{8}$		
STERN FRAME {	Propeller Post			
	Rudder	Forging $7\frac{1}{2} \times 2\frac{1}{2}$		
RUDDER—A × D	387			
Speed of Vessel	10 knots.			
RUDDER mainpiece at head ...	Forged	10 dr	Denny's down Forge.	
" " heel ...	-	$7\frac{1}{2}$ dr	all forging work	
" " how constructed	Keyed arms.			
" " double or single plate	Single Plate.			
" " coupling, vertical or horizontal	Hor. coupling.			

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

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

— AT BOTTOM & AT DECK. —
PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.		AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.					
		In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads.		Rivets in Brackets to Bulkheads.	
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Number.	Diameter.	
BOTTOM INSIDE TANKS																			
Framing of L, L & F		12	32	32	40W	✓	✓	As Fitted			✓		3/4	4 1/2	2 5/8" for 13 Rivets		12	3/4	
BOTTOM OUTSIDE TANKS																			
Frames in Bridge between Decks...		9	32	32	38W	✓		"			✓		"	"	"		10	3/4	
Frames from Uppermost Continuous Deck																			
Framing from Awning, Shelter or Upper Deck to Margin Plate.																			
No. 1																			
" 2																			
" 3																			
" 4																			
" 5																			
" 6																			
" 7																			
" 8																			
" 9																			
" 10																			
" 11																			
" 12																			
" 13																			
" 14																			
" 15																			
" 16																			
Spacing of Longitudinal Frames		24																	
Amidships		24																	
At Ends																			
Double Bottoms																			
L, L or C																			
Tank Top Longitudinals																			
Bottom																			
Spacing of Longitudinals																			
Amidships																			
At Ends...																			
Transverses.																			
In Bridge																			
Between Decks																			
HOLD																			
In Awning, Shelter or Upper between Decks																			
INSIDE TANK																			
Depth and Thickness																			
Face Angles																			
BRACKETS																			
Lugs to Shell*																			
Depth and Thickness																			
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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.)

Forging Reports are enclosed herewith
Midship Section, Profile Decks are enclosed for reference, which, at request, should be returned to this office to deal with sister vessel



Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	(60314.)	27. 2. 26	R.W.F.	6508.	10/6/27
	2nd "	(60313.)	28. 1. 0	"	6506	"
	3rd "	(60319)	21. 2. 14	K.H.	3716	17/12/25

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 87 ft., R.Q.D. Longitudinal Trunk 177 ft., Forecastle 177 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 n

particulars of composition. Bitumastic in 2 B spaces. Cement in Peaks. Paint in Pump Room.
Nothing in way of cargo tanks - Buoyancy spaces.

PARTICULARS OF WATER BALLAST.—

PARTICULARS OF WATER BALLAST.—			Where Fitted.	*Length. Feet.	Water Capacity. Tons.
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,		
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. 111
Date 12.3.27.
Dates of Surveys held while building
1927
March 2. 9. 10. 11. 15. 21. 24. 28. April 4. 5. 6. 12. 14. 20. 25. 27. 29. May 3. 6. 11. 17. 20. 23.
June 1. 2. 6. 8. 9. 13. 15. 16. 20. 21. 22. 23. 27. 28. 29. 30. July 2. 7. 9. 11. 14. 15.

