

STEEL STEAMER or MOTORSHIP.

Received at London Office 15 AUG 1927

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

12th Aug 1927Port of *Newcastle-on-Tyne*No. *8/666*Survey held at *Hellum-on-Tyne*Date First Survey *7 Mar 1927*Last Survey *6 August* 1927

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

*Steel Twin-Screw Steamer "URDANETA"**Mchy aft*

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

Full Scantling oil carrier

State Type of Erections

Port, Bridge Mastle and Trunk

TONNAGE under Tonnage Deck...

*1890.13*CLASS *+ 100 A1 carrying petroleum in bulk*State if with freeboard as condition of Class *Yes*

Built at

Hellum-on-Tyne

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)

FEET.

*305.0*Launched *14th July 1927*Yard No. *972*

Total

1890.13

Breadth (greatest moulded)

*50.0*Builders *Palmers S.B. & Co. Ltd*

Gross Tonnage

2647.40

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

*16.5*Owners *Palmers S.B. & Co. Ltd**Provisional for voyage out*

Register Tonnage

*1512.84*1st Longitudinal Number (L x D) = *5132*

Managers

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

2nd Numeral L x (B + D) = *20282*

Residence

REGISTERED DIMENSIONS.

FEET.

Length

305.40

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

*18.5*Port of Registry *Newcastle - Provisional*

Breadth

50.20

Proportions—Depth to Length—Uppermost continuous deck to top of keel

18.5

If surveyed while building, afloat, or in dry dock

Depth

16.30

Do. Long Bridge to top of keel

Draught Moulded *Summer Line 14.6" Less 1 1/4" = 14.4 1/2"**Building and 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.
Spacing amidships	<i>Long^d see</i>		Bracket Floors, Frame		
" from 1/2 length to Collision bulkhead	<i>separate sheet</i>		" " Reversed Frame		
" in peaks	<i>(aft) 24"</i>		" " Vertical Struts		
ANGING.			Centre Girder, depth and thickness amidships	<i>BR 38 1/2 x 52</i>	
amidships, Angle, [or [" " top Angles	<i>3 x 3 x 50 BR</i>	
" Extends up to			" " bottom Angles	<i>3 x 3 x 40 ER</i>	
Frame Amidships, Angle			Side Girders, No. each side and thickness	<i>2 m ER 32</i>	
" Extends up to			BR Margin Plate depth (excl. of flange) and thickness	<i>BR long^d framing 16 1/2 x 48</i>	
Framing Girder			" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	<i>6 5 x 38 on transverse</i>	
Uppermost Continuous 'tween Decks, Angle, [or [" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem		
Second 'tween Decks, Angle, [or [" " Gussets, spacing and scantling abaft 1/2 len. from stem		
Third " " "			" " Gussets, spacing and scantling forward 1/2 len. from stem		
In Peaks, Angle	<i>off peak 6 3 3/4</i>		Tank Side Brackets, height above base line at toe of Frame and thickness	<i>see plan</i>	
and Spacing of Rivets through Frame and Shell Plating amidships	<i>see long^d framing</i>		INNER BOTTOM PLATING.		
Frame Joggled	<i>yes</i>		Breadth and thickness of Middle Line Strake	<i>BR 48</i>	
ARRANGEMENTS (Sec. 7), state system and particulars	<i>as per app'd plan</i>		ER 40 x 57 1/2		
FINING OF BOTTOM FOR.			Thickness of remainder in Holds		
State Particulars	<i>close long^d double shell complete no. midship thickness bottom plating</i>		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>yes as app'd</i>	
BOTTOM.			BEAMS.		
Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships in Wells, Angle, [or [
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, [or [
Line Keelson, on Floors, Angles, [or [Spacing		
" " Through Plate or Intercoastal Plate			Second Deck, amidships, Angle, [or [
" " Foundation Plate on Floors			Spacing		
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, [or [
Isos, No. each side			Spacing		
" thickness of Intercoastal Plate			Fourth Deck, amidships, Angle, [or [
" Angles			Spacing		
BOTTOM. Mchy space			Poop Deck, Angle, [or [
Floors, thickness and spacing	<i>BR 46 spaced 3-9" 5-0" 2-6"</i>		Spacing		
" Are Frame and Reversed Frame joggled?	<i>yes</i>		Bridge Deck, Angle, [or [
Floors, breadth and thickness at middle line			Spacing		
" breadth and thickness at margin plate			Forecastle Deck, Angle, [or [
			Spacing		

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</i>			✓	Stringer Plate, breadth and thickness in way of Bridge			
„ 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 „ „				Thickness of Plating within line of openings...			
„ „ „ „ „				If Sheathed, material and thickness			
Centre Line Bulkhead.				Third Deck.			
Stiffeners and Spacing..... <i>in oil BA</i>				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	<i>50</i>	<i>44</i>		If Plated, state thickness			
„ „ „ „ in way of Bridge				Poop Deck.			
„ Angle in Wells	<i>5</i>	<i>5</i>	<i>44</i>	Stringer Plate, breadth and thickness	<i>28</i>	<i>32</i>	
Thickness of Plating abreast Deck openings } in way of Wells				Plating, Sheathing, material and thickness ...		<i>30</i>	<i>in accommodation sheathed with Cu</i>
Thickness of Plating abreast Deck openings } in way of Bridge				Bridge Deck.			
Thickness of Plating within line of openings...				Stringer Plate, breadth and thickness.....	<i>36</i>	<i>36</i>	
If Sheathed, material and thickness				Plating, Sheathing, material and thickness ...		<i>30</i>	<i>no sheathing</i>
Second Deck.				Forecastle Deck.			
Stringer Plate, breadth and thickness in Wells...				Stringer Plate, breadth and thickness.....		<i>30</i>	<i>no sheathing</i>
				Plating, Sheathing, material and thickness ...		<i>30</i>	

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled?	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			SINGLE OR DOUBLE.	Diam.		Spacing cr. to cr.	Diam.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.	
FLAT PLATE KEEL	43 1/2	68	53	53		double	7/8	3 1/2	4 for 1/2 L	7/8	3 1/2	lapped
" DBLG. (if any)	-	-	-	-	owners addition							
BOTTOM PLATING, No. of Strakes 1	62 for 1/2 L	47 1/2	47 1/2	44		"	7/8	3 1/2 + 2 5/8	3	7/8	3 1/2	"
BILGE PLATING, No. of Strakes 1	47	41	39			"	3/4	2 5/8	3	3/4	2 5/8	"
SIDE PLATING, No. of Strakes 1	45	39	39			"	3/4	2 5/8	3	3/4	2 5/8	"
UPPER DECK, Sheer-strake in Wells.....	45	39	39			-	"	-	3	3/4	2 5/8	"
UPPER DECK, Sheer-strake in Bridge	54					-	-	-				
STRAKE BELOW Sheer-strake in Wells.....	45	39	39			double	3/4	2 5/8	3	3/4	2 5/8	"
STRAKE BELOW Sheer-strake in Bridge ...												
POOP SIDE PLATING			34			single	5/8	2 1/2	1	5/8	2 1/2	"
BRIDGE SIDE PLATING ...	36					in seam			2	3/4	2 5/8	"
FOREC'TLE SIDE PLATING			36			single	3/4	3	21	3/4	2 5/8	"

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—				Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
Extending to Upper Deck (Sec. 3 c) <i>eleven</i>				KEEL, Bar	<i>Flat Plate</i>		
,, Deck next below <i>✓</i>				STEM	<i>Rolled</i>	<i>7½ x 2</i>	
As per Rule <i>appd as above</i>				STERN FRAME	Propeller Post	<i>Cast</i>	<i>as plan</i>
					Rudder	<i>Forging</i>	<i>7½ x 3½ Clelands</i>
STIFFENERS.				RUDDER—A x D	<i>360</i>	<i>"</i>	
Plating Thickness.	VERTICAL.		HORIZONTAL.		Speed of Vessel	<i>9½</i>	
	Scantlings.	Spacing.	Scantlings.	Spacing.	RUDDER mainpiece at head	<i>forging 10'8"</i>	<i>Clelands</i>
MIDSHIP BULKHD, Upper tween decks	<i>thick 30</i>		<i>BA 6½ x 3½ 4 2'6"</i>		"	heel	
" " Second "					"	"	
" " Third "			<i>BA 9½ x 3½ 4 2'6"</i>		"	how constructed	<i>arms strimble & keyed</i>
" " Holds	<i>44-34</i>		<i>wd. 29 x 36 each side + CL Bkd 8 x 3 x 40 2'6"</i>		"	double or single plate	<i>single 1.07"</i>
COLLISION " (in Hold)	<i>36-32</i>	<i>BA 8 x 3 x 46 2'3"</i>	<i>+ cham locker</i>		"	coupling, vertical or horizontal	<i>horizontal</i>
AFTER PEAK " "	<i>36-31</i>	<i>BA 8 x 3 x 37½ 2'½</i>	<i>flat.</i>				

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Bolckow Vaughan, Dorman Long, Consult.* *open heart process*

Has the Steel been tested as required by the Rules? *yes*

15 AUG 1927

EQUIPMENT No. 21862LETTER Z

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.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.				
30130	1st Bower ...	42	0	14	—	—	—	37	4	1	14	42.0.0		Byers Improved		Sld 27.6.27 Butler
30144	2nd " ...	42	0	0	—	—	—	37	2	2	0			" "		" 30.6.27 "
30129	3rd " ...	35	3	14	—	—	—	33	0	2	14			" "		" 27.6.27 "
	Collective weight.	120	0	0								119 1/2				
30064	Stream	11	0	0	2	3	0	12	17	2	0			Common		" 1.6.27 "

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.	
	Fathoms.	Ins.	Tons.	qrs.	Cwts.	qrs.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
15370	240	1 7/8	63 1/2	88 1/2	426	2 26	240	1 7/8	Stud	—	Sld 8.6.27 Butler	TOWLINE	100	4	33	100	4
												HAWSERS & WARPS	2.90	2 1/2	12 1/2	2.90	2 1/2
												"	2.90	2 1/2	9 1/2	2.90	2 1/2
Iron Stream Chain or Steel Wire	75	4 1/4		35				75	4 1/4			"					

Steering Gear, Steam

Donkin

Steering Gear, Hand

*Tackles to wind*Boats *2 @ 23', 1 @ 16'*

Steering Chains, Size and Test

1 1/2 ton 19.12.2.0

Windlass

Steam Clarke Chapman

Ceiling in Hold, thickness and material

2 1/2 W.P

Cargo Battens, thickness, material and spacing

none

Cargo Hatchways.—(Upper Deck)

steel oil tight as rule

Thickness of Hatches

Size of No. 1 Hatchway (Forward)

8' x 10'

No. 2

No. 3

No. 4

No. 5

No. 6

Number of Shifting Beams and/or Fore and Afters

*no 1 - 30 hinged steel cover with 3 fore & aft stiffeners**Palmer's Shipbuilding & Iron Co. Ltd.*

Builder's Signature

Ab Jenkins
Shipyard Manager.

GENERAL DECLARATION

This vessel has been built in accordance with the approved plans, the Society's Rules & the Committee's instructions. The materials and workmanship are good and to my satisfaction. All cargo tanks, oil fuel tanks & ballast & feed tanks have been filled and tested to rule pressure. This testing covered the testing of all W.T. & O.T. bulkheads. All weather decks clear of oil spaces & therefore not tested under pressure have been tested by flooding. The assigned freeboards have been marked on vessel's sides, reaped and cut in. The vessel is a repeat of T.S. Bolivar by same builders for same owners. (New Report) 81542. Approved plans forwarded herewith - these are deemed to be returned to Newcastle for use in completion of sister vessels.

*okd from Bolivar*The amount of Entry Fee £ *6 : 0 : 0*

Fees applied for,

Special Survey Fee £ *311 : 0 : 6**Fltd*

Travelling Expenses, if any £

7 6 8

Received by me,

26.8.27

I am of opinion the Vessel should be Classed

+ 100 A1 carrying petroleum in bulk

State whether the Vessel has been built under Special Survey

yes

Signature

John T Findlay
Surveyor to Lloyd's Register of Shipping.

Hull Certificate to be sent to

Newcastle
Sunderland

Date of issue

2/9/27

Committee's Minute

FRI. 19 AUG 1927

Character assigned

*+ 100 A1 Carrying Petroleum in Bulk**Lloyd's A&P**+ LMC 8.27**Ch**Fitted for Oil Fuel 8.27 F. Above 150°F*

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Lloyd's Register
Foundation

002423

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.)

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

1st Bower	23.3.26	with pin 26.2.0.	K.H.	Dusseldorf	4621	27.5.27
2nd "	24.0.20	"	26.3.7	K.H.	"	4665 14.6.27
3rd "	20.2.10	"	22.3.0	KH	"	4614 27.5.27

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 69 ft., R.Q.D. — ft., Bridge 22 ft., Forecastle 33 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *not joined*

No. and Material of Decks (this information is to be given as it should appear in the Register Book) *1 dk (steel)*

Official No. 149439 ; Signal Letters

Is bottom of Vessel coated with cement *yes* if not give

PARTICULARS OF WATER BALLAST.—

PARTICULARS OF WATER BALLAST.—			Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	42.5	107 FW	Fore peak tank,		194
Double bottom, under Engines and Boilers,			After peak tank,		85
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. 5206

Date 15.3.1927.

Dates of Surveys held while building

1927
Mar. 7. Apr. 13. 26 May. 10. 12. 19. 24. 27. 31. Jun. 3. 15. 16. 17. 28. 29. 30.
Jul. 1. 8. 9. 11. 12. Aug. 5. 6.

Lloyd's Register
Foundation
Total No. of Visits 23

Diameter of Thrust shaft under collars as fitted 7 3/4 Diameter of Tanker shaft as fitted 10 1/2 Diameter of Propeller shaft as fitted 12 1/2

t. 1*.

T.S. "URDANETA" NWC Report No 81666.
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.	Inches.	Number.	Diameter. Inches.	
Framing from Awning, Shelter or Upper Deck to Margin Plate.	ing of L or N																		
	es in Bridge 'tween Decks	6	3	32															
	es from Uppermost Continuous Deck	9	3	42	8 1/2	3	40								3/4	4 1/2	8	7/8	
	No. 1	10	3 1/2	44	9	3	44								"	"	9	7/8	
	" 2	10	3 1/2	44	9	3	44								"	"	10	7/8	
	" 3	11	3 1/2	44	10	3 1/2	44								"	"	11	7/8	
	" 4	11	3 1/2	44	10	3 1/2	44								"	"	11	7/8	
	" 5	12	3 1/2	44	10	3 1/2	44								"	"	16	7/8	
	Channel	12	3 1/2	44	10	3 1/2	44								"	"			
	" 6	15	4 1/2	44	12	4 1/2	44								"	"	17	7/8	
	" 7																		
	" 8																		
	" 9																		
	" 10																		
	" 11																		
	" 12																		
" 13																			
" 14																			
" 15																			
" 16																			
ing of longitudinal frames	Amidships	2'-6"																	
	At Ends	1'-9" at column line								2'-6"			1'-9"						
le Tank Top Longitudinals		6	3	40															
	Bottom	6	3	40															
ms																			
or																			
ing of Longitudinals	Amidships	2'-6"																	
	At Ends																		
Transverses.																			
ridge	Depth and Thickness	12	3	34															
	Face Angles	3 1/2		flange															
a Decks	Lugs to Shell																		
awning, ter or 'tween Decks.	Depth and Thickness																		
	Face Angles																		
old.	Lugs to Shell																		
Fold.	Depth and Thickness	24	3	38															
	Face Angles	3 1/2	3 1/2	40															
	Lugs to Shell	5	5	40															
Bracket	Brackets																		
ing of Transverse Frames																			
State if joggled or liners.																			
udinal	Bridge Deck	5	3	30															
	Awg.or Shltr.Dk.																		
s of	Upper	9	3	40															
	Second																		
or	Third																		

particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

0024 3/4

Manufacturer.

J. H. Williams

