

## STEEL STEAMER or MOTORSHIP.

Received at London Office.

State if Report has been sent on the Freeboard of the Vessel YesState if Report is sent on the Machinery of the Vessel No. (than Hbl.)

Date of completion of report

Port of Newcastle-on-TyneNo. 81967Survey held at Hebburn-on-TyneDate First Survey 21 June 1927Last Survey 24 October 1927

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

Steel Twin Screw Str "PERIJA"

Machy aft.

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

Full scantling oil carrier

State Type of Erections

Poop, bridge, Mast and trunk

TONNAGE under Tonnage Deck

1887.61

CLASS

State if with freeboard as condition of Class

Built at

Hebburn-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.

L 305.0

Total

1887.61

Breadth (greatest moulded)

B 50.0

Gross Tonnage

2646.76

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

D 16.5

Register Tonnage

1506.501st Longitudinal Number (L x D) = 50322nd Numeral L x (B + D) = 20282

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

18.5

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

Do. Long Bridge to top of keel

Draught Moulded Summer line 14'-6" less 12" = 14'-4"Launched 23 Sept 1927Yard No. 976Builders Palmer's S.B. & Iron Co Ltd.Owners Palmer's S.B. & Iron Co Ltd. - for voyage out Gulf Refining Co. - final Venezuelan Gulf oil Co

Managers

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

Residence

Newcastle provisional.Port of Registry will be MARACAIBO.

If surveyed while building, afloat, or in dry dock

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.
acing amidships	<u>Longate sec.</u>		Bracket Floors, Frame		
from $\frac{1}{2}$ length to Collision bulkhead	<u>separate sheet</u>		" " Reversed Frame	<input checked="" type="checkbox"/>	
in peaks	<u>aft 24"</u>		" " Vertical Struts		
ships, Angle, [ or ]			Centre Girder, depth and thickness amidships	BR 38½ .52	
Extends up to			" " top Angles	ER 38½ .36	
ame Amidships, Angle			" " bottom Angles	3 3 .50 BR	
" Extends up to			" " bottom Angles	4 4 .46	ER
aming Girder			Side Girders, No. each side and thickness	2 in ER .32	
upermost Continuous 'tween Decks, Angle, [ or ]			B.R. Margin Plate depth (excl. of flange) and thickness	BR Longate framing 16 .48	
cond 'tween Decks, Angle, [ or ]			" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem	5 5 .38	on transverse.
ird " " " "			" " Vertical Angle to Tank side Bracket forward $\frac{1}{4}$ len. from stem	<input checked="" type="checkbox"/>	
aks, Angle <u>aft peak</u>	6 3 34		" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem	<input checked="" type="checkbox"/>	
Spacing of Rivets through frame and Shell Plating amidships	<u>see longitudinal framing</u>		" " Gussets, spacing and scantling forward $\frac{1}{4}$ len. from stem	<input checked="" type="checkbox"/>	
Joggled	<u>yes</u>		Tank Side Brackets, height above base line at toe of Frame and thickness	<u>see plan.</u>	
NGEMENTS (Sec. 7), state system and particulars	<u>as per appd plan.</u>		INNER BOTTOM PLATING.	BR .48	
ING OF BOTTOM FOR- Particulars	<u>close longitl double shell connections midships thickness bottom plating.</u>		Breadth and thickness of Middle Line Strake	ER .40	
and thickness at mid-line in			Thickness of remainder in Holds	ER .875	
of Brackets at side above line at toe of frame			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?	<u>yes as appd.</u>	
ecision, on Floors, Angles, [ or ]			BEAMS.		
" Through Plate or Intercoastal Plate			Uppermost Continuous Deck, amidships in Wells, Angle, [ or ]		
" Foundation Plate on Floors			" " in way of Bridge, Angle, [ or ]		
" Flat Plate Keel Angles			Spacing		
No. each side			Second Deck, amidships, Angle, [ or ]		
ickness of Intercoastal Plate			Spacing		
angles			Third Deck, amidships, Angle, [ or ]		
machy space BR			Spacing		
ickness and spacing	<u>46 34</u>	<u>Spaced 3'-9" 5'-6" 2'-6"</u>	Fourth Deck, amidships, Angle, [ or ]		
Frame and Reversed Frame joggled?	<u>yes</u>		Spacing		
breadth and thickness at middle line	<input checked="" type="checkbox"/>		Poop Deck, Angle, [ or ]		
breadth and thickness at margin plate	<input checked="" type="checkbox"/>		Spacing		
			Bridge Deck, Angle, [ or ]		
			Spacing		
			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.
<b>PILLARS</b> , 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    "    "				<i>Built pillars as plan.</i>	Thickness of Plating within line of openings...	✓			
"    "    "    "    "    "					If Sheathed, material and thickness .....	✓			
<b>Centre Line Bulkhead.</b> <i>in oil B.A.</i>	<i>11</i>	<i>3½</i>	<i>46</i>		<b>Third Deck.</b>				
Stiffeners and Spacing.....	<i>9</i>	<i>3</i>	<i>40</i>		Stringer Plate, breadth and thickness.....	✓			
Plating, thickness of .....		<i>44 to</i>	<i>34</i>		If Plated, state thickness.....	✓			
<b>STRINGERS AND DECKS.</b>					<b>Fourth Deck.</b>				
<b>Uppermost Continuous Deck.</b>					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			<i>54 at bridge ends</i>		<b>Poop Deck.</b>				
"    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 .....			<i>42</i>		Plating, Sheathing, material and thickness ...		<i>30</i>		<i>in accommodation sheathed with composition.</i>
Thickness of Plating abreast Deck openings in way of Bridge .....		✓			<b>Bridge Deck.</b>				
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>
<b>Second Deck.</b>					<b>Forecastle Deck.</b>				
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 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 .....	43½	68	53	53		Double	7⁄8	3½	4 for ½ L	7⁄8	3½	lapped	
„ DBLG. (if any)													
BOTTOM PLATING, No. of Strakes ...4.....	62 for ½ L owners addition to 47 at ½ L					"	7⁄8 ¾	3 ⅝	3.	7⁄8 ¾	3 ⅝	"	
BILGE PLATING, No. of Strakes .....1.....		47	41	39		"	¾	2 ⅝	3.	¾	2 ⅝	"	
SIDE PLATING, No. of Strakes .....1.....		45	39	39		"	¾	2 ⅝	3.	¾	2 ⅝	"	
UPPER DECK, Sheer-strake in Wells.....		45	39	39		-	-		3.	¾	2 ⅝	"	
UPPER DECK, Sheer-strake in Bridge ends at		54				-	-						
STRAKE BELOW Sheer-strake in Wells.....		45	39	39		double	¾	2 ⅝	3.	¾	2 ⅝	"	
STRAKE BELOW Sheer-strake in Bridge ...													
POOP SIDE PLATING .....				34		single	5⁄8	2½	1.	5⁄8	2¼	"	
BRIDGE SIDE PLATING ...				36		no seam			2.	¾	2 ⅝	"	
FOREC'TLE SIDE PLATING				36		single	¾	3	1.	¾	2 ⅝	"	

# WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—						
Extending to Upper Deck (Sec. 3 c)		eleven ✓				
,, Deck next below		✓				
As per Rule		eleven appd ✓				
		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks		Trunk 30			B.A. 6½ x 3 x 34 + vert brgs	2'-6"
,, Second						
,, Third						
,, Holds		44-34 ✓	web 29 x 36 each side + CL Bhd BA	8 x 3 x 40 2 9½ x 3½ x 46		2'-6"
COLLISION		36-32	8 x 3 x 46	2'-3½"	+ chain locker	
AFTER PEAK		36-31 angle	8 x 3 x 35 9 x 3 x 40 5 x 3 x 36	2'-1½"	flat	
STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel					
	Bolckow Vaughan, Dorman Long, Bonsett open					
		Has the Steel been tested as required by the Rules?				yes.

# FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar .....		<i>Flat plate.</i>		
STEM .....		<i>Roller 7½ x 2"</i>		
STERN FRAME { Propeller Post .....		<i>Bkts</i>		
Rudder Post .....		<i>cast as plan of J. Spencer &amp; Sons</i>		
RUDDER—A x D .....		<i>Forging 7½ x 3½</i>	<i>Blelands.</i>	
Speed of Vessel .....		<i>360.</i>		
RUDDER mainpiece at head .....		<i>Forging</i>		
"    "    heel .....		<i>Forging 10½</i>	<i>Blelands.</i>	
"    how constructed .....		<i>arms shrunk &amp; keyed.</i>		
"    double or single plate coupling, vertical or horizontal .....		<i>Single 1.07</i>		

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EQUIPMENT No. 21862										LETTER t		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.	
30268	1st Bower ...	Cwts. 42	qrs. 1	lbs. 0	Cwts. -	qrs. -	lbs. -	Tons. 37	cwts. 6	qrs. 1	lbs. 0	Cwts. 42. 0. 0.	Byen Imp. Stockless	✓	Lundland 26.8.27 J.H. Butler
30269	2nd „ ...	42	0	0	-	-	-	37	2	2	0		" " "	✓	" 26.8.27 "
30141	3rd „ ...	35	3	0				32	18	3	0		" " "	✓	" 30.6.27 "
	Collective weight.	120	0	0								119. 2. 0			
17029	Stream .....	11	0	14	3	0	7	13	-	-	-	11. 0. 0	Rodger.	Kendrick Threlkeld	Cardiff 23.6.27 A Jones

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.	Stain- ing.	Supplied.	Per Rule.			Length. Diam.					Length. Cir.	Ins.	Tons.	Length. Cir.
30930	240 1 1/8	63 1/4	88 1/2	428.3.7	425.4		240 1 1/8	Styd Link.	Kendrick Threlkeld	Cardiff. 3.6.27 A Jones	TOWLINE	100	4	12 1/2	100 4
											HAWSERS & WARPS	2/90	2 1/2	2 1/2	2/90 2 1/2
Iron Stream Chain of Steel Wire	75 1/2	4 1/2	35	(see left)			75 1/2	Cir. clip			"	2/90	2 1/4	9 1/2	2/90 2 1/4

Steering Gear, Steam *Donkin* Steering Gear, Hand *Jackles to winch*

Boats *2 at 23'. 1 at 16'* Steering Chains, Size and Test *1 1/2 Test 19.12.2.0* Windlass *Steam Clarke Chapman*

Ceiling in Holds, *ordinary hold for* 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 *Building and*

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 and aft stiffeners.*  
*Palmers 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 Committee's instructions and the Society's rules. The workmanship and materials are good and to our satisfaction. All cargo tanks, oil fuel bunkers and ballast tanks have been filled and tested in accordance with rules and special instructions for this vessel. All water tight bulkheads have been tested by this filling. All weather decks, clear of oil spaces and therefore not tested under water pressure have been tested by flooding. The assigned freeboards have been marked on vessel's sides, verified by us and cut in. The vessel is a repeat of T.S. BOLIVAR by same builders and for same owners NWC. 81542. + subsequent vessels up to "ARAGUA"

The approved plans are in the London office. As they apply to one more vessel now building it is asked that they be returned here as soon as possible. These have (since writing above) been received and are sent with this report.

(as per notes vessel)

Amount of Entry Fee ..... £ 6 : 0 : 0 Fees applied for, 27. OCT 1927

Special Survey Fee .... £ 3/1 : 0 : 6 Received by me, 2.11.27

Freeboard 7 6 8

Travelling Expenses, if any £ : : I am of opinion the Vessel should be Classed + 100A1. carrying Petroleum in Bulk.

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

Full Certificate to be sent to *Newcastle* Date of issue *3/11/27* Surveyor to Lloyd's Register of Shipping.

Committee's Minute *TUES. 1 NOV 1927*

Character assigned *+ 100 A1. carrying Petroleum in Bulk*

*Lloyd's A & C.P. + d.M.C. 10:27 C.L.*

*Fitted for Oil Fuel 10:27 F.P. above 150°F*

*Mike H.C.*

*MJ*



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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 L. 4.

RS, No. of Rows...

in 'tween Deck

" "

in Holds

" "

re Line Bulkhea  
eners and Spacing

ing, thickness of

ERS AND DEC  
most Continuo  
nger Plate, breadtl

" "

Angle in Wel

knness of Plating  
way of Wells ...

knness of Plating  
way of Bridge

knness of Plating

neathed, materia

l Deck.

nger Plate, bread

AKES.

E KEEL

DBLG. (if any

LATING, No.

es ... 4

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ING, No. of

CK, Sheer  
Wells....

CK, Sheer  
Bridge

LOW Sheer  
Wells....

LOW Sheer  
Bridge

PLATING ..

E PLATING

SIDE PLAT

of W.T.

Extendi

As per

BULK

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Has

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

1st Bower	24.3.6	including pins	27.0.0	N.B.	3242	28.7.27.
2nd "	23.1.5	"	"	25.2.21	N.B.	3141
3rd "	20.2.4	"	"	22.1.7	K.H.	4610

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 no.

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

Official No. 149445 ; Signal Letters yes except  
particulars of composition Is bottom of Vessel coated with cement in oil space if not g

#### PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	42.5	107 F.W.	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		107 F.W.	(If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks.

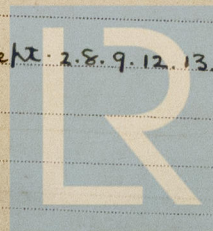
Order for Special Survey No. 5212

Date 23.3.27

Dates of Surveys  
held while building

1927

June 21. July 8. 19. 21. 22. 28. Aug 3. 15. 22. 27. Sept 2. 8. 9. 12. 13. 14. 16. 19. 20. 23. Oct 4. 21. 27



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Total No. of Visits 27



# T.S. "PERIJA" NWC REPORT NO. 81967 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.	Diam.	Speng.	Inches.			Number.	Diameter. Inches.
Framing from Awning, Shelter or Upper Deck to Margin Plate.	Bridge 'tween Decks...	6	3	.32	No 1 TANK.																
	Uppermost Continuous No. 1	9	3	.42	8½ 3 .40									¾	4½				8	7/8	
	" 2	10	3½	.44	9 3 .44									"	"				9	"	
	" 3	10	3½	.44	9 3 .44									"	"				10	"	
	" 4	11	3½	.44	10 3½ .44									"	"	3¾ for 12 rivets No 1 tank			11	"	
	" 5	11	3½	.44	10 3½ .44									"	"	" " " " " "			11	"	
	channel, 6	12x375x3½	50	12x375x3½	50									"	"	" " " " " "			16	"	
	Bottom Longitudinal channels.	15x41x4x62			B.A. at fore end beyond oil spdcas 9x3x40									7/8	5¼	3⅝ " 14 "			17	"	
	" 9																				
	" 10																				
	" 11																				
	" 12																				
	" 13																				
	" 14																				
	" 15																				
	" 16																				
Amidships		2'-6"																			
At Ends		1'-9" at collision lkd.																			
Tank Top Longitudinals		6	3	.40																	
Bottom		6	3	.40																	
Longitudinals { Amidships		2'-6"						as built													
At Ends...																					
Transverses.														Rivets in Lugs to Shell Diam. Speng.							
{ Depth and Thickness		12x34																			
{ Face Angles		3½ flange																			
{ Lugs to Shell*																					
{ Depth and Thickness																					
{ Face Angles																					
{ Lugs to Shell*																					
{ Depth and Thickness		24		.38																	
{ Face Angles		3½	3½	.40																	
{ Lugs to Shell*		5	5	.40																	
{ Brackets		TOP .36																			
{ BOTTOM		.40																			
Transverse Frames																					
Water Cape if joggled or liners.		joggled																			
Tons.																					
194		5			3	.30										Spacing. 3'-0"					
85																	In Ships. Plate. Angles. As approved. Plate. Angles.				
		Bridge Deck															Transverse 10x34 3x3x34				
		Awg. or Shltr. Dk.															Beams. 20x36 6x3½x40				
		Upper			9 3 .40												as built				
		Second																			
		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.

0049 3/3