

STEEL STEAMER ~~OF MOTORSHIP.~~

Received at London Office. 15 JUL 1931

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 *14<sup>th</sup> July 1931* Port of *Newcastle-on-Tyne* No. *87354*  
 Survey held at *Wallsend-on-Tyne* Date First Survey *25<sup>th</sup> Nov<sup>r</sup> 1930* Last Survey *8<sup>th</sup> July 1931*  
 On the *Steamer* *"Pan Bolivar"*

State Type *Full Scanlings* State Type of Erections *Poop, Bridge & Forecastle*  
 Tonnage under Tonnage Deck *8817.59* CLASS *100. A.1.* State if with freeboard *No* Built at *Wallsend-on-Tyne*  
 Do. of space or spaces between Tonnage Deck and Upper Deck *See 9.12.18* Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *L 483.0* Launched *19<sup>th</sup> May 1931* Yard No. *1465*  
 Total *8817.59* Breadth (greatest moulded) *B 65.25* Builders *Swan, Hunter & Nigham Richardson*  
 Gross Tonnage *9319.76* Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 36.75* Owners *Pan American Petroleum & Transport Co.*  
 Register Tonnage *5718.37* 1st Longitudinal Number (L x D) *= 17267.25* Managers *" " " "*  
 2nd Numeral L x (B + D) *= 48783.0* (Where necessary to be entered in Reg. Book.)

## REGISTERED DIMENSIONS.

FEET.  
 Length *484.2*  
 Breadth *65.5*  
 Depth *36.8*

Framing Depth "d," at middle of length. See Sec. 3 (1d) *—*  
 Proportions—Depth to Length—Uppermost continuous deck to top of keel *13.14*  
 Do. Long Bridge to top of keel *27.2"*  
 Draught Moulded *27.42*  
*" Maximum Summer*

Residence *122 East 42<sup>nd</sup> St New York U.S.A.*  
 Port of Registry *Los Angeles*  
 Surveyed while building, afloat, or in dry dock *Built under Special Survey.*

## 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.
<b>FRAMES, Spacing amidships</b>	<i>Longitudinal Framing</i>		<b>Bracket Floors, Frame</b>		
" " from length to Collision bulkhead <i>E. &amp; B. Spaces</i>	<i>24.28.30</i>	<i>X</i>	" " Reversed Frame		
" " in peaks	<i>27</i>	<i>—</i>	" " Vertical Struts		
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>	<i>72x48 7/8 x 58</i>	<i>—</i>
Frame Amidships, Angle <i>E or F</i>	<i>Longitudinal Framing</i>		" " top Angles <i>Double</i>	<i>4 3 1/2 .52 3 1/2 .62</i>	<i>3 1/2 x 3 1/2 .52 .62</i>
<i>E &amp; B. Spaces. B.A.</i>	<i>9 3 1/2 .42</i>	<i>—</i>	" " bottom Angles <i>Double</i>	<i>5 5 .60</i>	<i>—</i>
" " Extends up to <i>Wells as per plan</i>	<i>12 3 1/2 .60</i>	<i>—</i>	<b>Side Girders, No. each side and thickness</b>	<i>At engines four 14x14</i>	<i>At boilers two 14x14</i>
<i>Forward Cargo Hold</i>	<i>11 3 1/2 .45</i>	<i>—</i>	<b>Margin Plate depth (excl. of flange) and thickness</b>		
<b>Reversed Frame Amidships, Angle</b>			" " Vertical Angle to Tank side		
" " Extends up to			" " Bracket abaft 1/2 len. from stem		
<b>Depth of Framing Girder</b>			" " Vertical Angle to Tank side		
Frames in Uppermost Continuous 'tween Decks, Angle <i>E or F</i>	<i>Longitudinal Framing</i>		" " Bracket forward 1/2 len. from stem		
<i>Poop 'tween deck framing. B.A.</i>	<i>7 3 1/2 .41</i>	<i>—</i>	" " Gaskets, spacing and scantling abaft 1/2 len. from stem		
" <i>Second 'tween Decks. Angle E or F</i>	<i>8 3 1/2 .50</i>	<i>8x3 1/2 x .52</i>	" " Gaskets, spacing and scantling forward 1/2 len. from stem		
<i>Bridge 'tween deck framing. B.A.</i>	<i>5 2 3/4 .52</i>	<i>S=30</i>	<b>Tank Side Brackets, height above base line at toe of frame and thickness</b>		
" <i>Third " " also 2 W.L.S.</i>	<i>S=2 3/4 - 2 9/8</i>	<i>—</i>			
Framing in Peaks, Angle <i>E or F</i>	<i>9 3 1/2 .42</i>	<i>—</i>	<b>INNER BOTTOM PLATING.</b>		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>Longitudinal Framing</i>		Thickness of remainder in Holds	<i>5/16 x .62</i>	<i>—</i>
State if Frame Joggled	<i>Transverse Framing joggled in peaks</i>		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Boiler and Boiler Room?	<i>Yes</i>	<i>—</i>
<b>PANTING ARRANGEMENTS</b> (Sec. 7), state system and particulars	<i>Deep Tank Top. W.L.S. 7' 9" above. W.L.S. 7' 9" below.</i>	<i>—</i>	<b>BEAMS.</b>		
<b>STRENGTHENING OF BOTTOM FORWARD.</b> State Particulars	<i>Floors every frame Double Framing in Fore Deck. 4 Inboard W.L.S. 3 Strakes Shell increased O.T.S.</i>	<i>—</i>	Uppermost Continuous Deck, amidships	<i>Longitudinal Framing</i>	
<b>SINGLE BOTTOM.</b> Forward Deep Tank			" " in Wells, Angle <i>E or F</i>		
Floors, Depth and thickness at mid-line	<i>4.2</i>	<i>4.4</i>	" " in way of Bridge, Angle <i>E or F</i>		
Holds			Spacing		
Height of Brackets at side above base line at toe of frame	<i>6' 0"</i>	<i>—</i>	<b>Second Deck, amidships, Angle <i>E or F</i></b>	<i>Longitudinal Framing</i>	
Middle Line Keelson, on Floor, Angle <i>E or F</i>	<i>Centre Line Bulkhead</i>	<i>—</i>	Spacing		
" " Through Plate or Intercoastal Plate	<i>4.0 x 4.8</i>	<i>—</i>	<b>Third Deck, amidships, Angle <i>E or F</i></b>		
" " Foundation Plate on Floors	<i>Vertical Stiffeners B.A. 10x3 1/2 x 46 S=27"</i>	<i>—</i>	Spacing		
Flat Plate Keel Angles	<i>4 4 .54</i>	<i>—</i>	<b>Fourth Deck, amidships, Angle <i>E or F</i></b>		
<i>One Side Stringer 14 1/2 x 4.0 x 0.2</i>	<i>6 3 1/2 .40</i>	<i>—</i>	Spacing		
Side Keelsons, No. each side	<i>Two</i>	<i>—</i>	<b>Poop Deck, Angle <i>E or F</i></b>	<i>9 3 1/2 .42</i>	<i>1/38</i>
" thickness of Intercoastal Plate	<i>4.4</i>	<i>4.2</i>	Spacing	<i>Every frame</i>	<i>—</i>
" Angle <i>Bull</i>	<i>8 3 .54</i>	<i>—</i>	<b>Bridge Deck, Angle <i>E or F</i></b>	<i>7 3 .34</i>	<i>—</i>
<i>also 2 Inboard Keelsons half height</i>			Spacing	<i>Every frame</i>	<i>—</i>
<b>DOUBLE BOTTOM. E &amp; B. Spaces.</b>			<b>Forecastle Deck, Angle <i>E or F</i></b>	<i>10 3 1/2 .50</i>	<i>—</i>
Solid Floors, thickness and spacing	<i>4.4 x .54 S=30.28 x 24</i>	<i>—</i>	Spacing	<i>Every frame</i>	<i>—</i>
" Are Frame and Reversed Frame joggled?	<i>Yes</i>	<i>—</i>			
<b>Bracket Floors, breadth and thickness at middle line</b>					
" breadth and thickness at margin plate					



## 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, No. of Rows</b> .....	<i>None</i>			Stringer Plate, breadth and thickness in way of Bridge .....	<i>9 1/2</i>	<i>46</i>	—
" in 'tween Decks, Size and Spacing.....				Thickness of Plating <del>abreast Deck openings</del> in way of <del>Wells</del> <i>oil</i> .....	<i>46</i>	<i>1</i>	<i>1</i>
<i>Trunk Side.</i>	<i>45</i>			Thickness of Plating <del>abreast Deck openings</del> in way of Bridge <i>Ends</i> .....	<i>32</i>		—
" <i>Stiffeners</i> " " <i>B.A.</i>	<i>7</i>	<i>3 1/2</i> .33	—	Thickness of Plating within line of openings.....			
" <i>also Two Vels in each main</i>	<i>S = 24</i>	<i>30</i>	—	<i>If Sheathed, material and thickness</i> .....			
" <i>Tank: - 22' x 28' x 40.</i>				<b>Third Deck.</b>			
" " " " " "				Stringer Plate, breadth and thickness.....			
<b>Centre Line Bulkhead.</b>				<i>If Plated, state thickness</i> .....			
Stiffeners and Spacing.....	<i>B.A.</i>	<i>7</i> <i>3 1/2</i> .33		<b>Fourth Deck.</b>			
<i>Two Vels in each Tank: -</i>	<i>10</i>	<i>3 1/2</i> .54	—	Stringer Plate, breadth and thickness.....			
<i>22' x 28' x 40 &amp; 37' x 42.</i>	<i>S = 2'3"</i>	<i>2'7"</i> <i>3'6"</i>	—	<i>If Plated, state thickness</i> .....			
Plating, thickness of .....	<i>44</i>	<i>37</i> <i>41</i> <i>45</i> <i>51</i>	—	<b>Poop Deck.</b>			
<b>STRINGERS AND DECKS.</b>				Stringer Plate, breadth and thickness .....	<i>39</i>	<i>38</i>	—
<b>Uppermost Continuous Deck.</b>				<i>If Plated, state thickness</i> .....			
Stringer Plate, breadth and thickness <del>in Wells</del>	<i>85</i>	<i>72</i>	—	<b>Bridge Deck.</b>			
" " " " in way of Bridge	<i>85</i>	<i>87</i>	—	Stringer Plate, breadth and thickness .....	<i>43</i>	<i>44</i>	—
" <i>(@ Poop Trans.)</i>				Plating, Sheathing, material and thickness ...	<i>32 Exposed.</i>		—
" Angle in Walls .....	<i>7</i>	<i>7</i> <i>74</i>	—	<i>26 Sheathed.</i>			
Thickness of Plating <del>abreast Deck openings</del> in way of <del>Wells</del> <i>Main Tanks.</i>		<i>.66</i>	—	<b>Forecastle Deck.</b>			
<i>Summer Tanks.</i>		<i>.68</i>	—	Stringer Plate, breadth and thickness.....			
Thickness of Plating <del>abreast Deck openings</del> in way of Bridge .....	<i>.66 &amp; .68</i>		—	Plating, Sheathing, material and thickness ...	<i>35</i>		—
Thickness of Plating within line of openings <i>@ Ends</i>	<i>36</i>		—	<i>Sheathed @ accommodation.</i>			
<i>N</i> Sheathed, material and thickness .....	<i>at accommodation only.</i>			Stringer Plate, breadth and thickness.....	<i>End deck plates</i>	<i>38</i>	
<b>Second Deck.</b>				Plating, Sheathing, material and thickness ...	<i>36</i>		
Stringer Plate, breadth and thickness <del>in Wells</del>	<i>9 1/2</i>	<i>46</i>	—	<i>at Windlass .50 where sheathed only.</i>			

## SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			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 .....	63	.99	.81	.81	—	Double	1	4	Quintuple $\frac{3}{2}$ L	1 $\frac{1}{8}$	5 $\frac{1}{2}$	Lapped.
„ <del>Date</del> (if any)												
BOTTOM PLATING, No. of Strakes <i>Four</i> ....	74 $\frac{1}{2}$ 77 $\frac{1}{2}$ 83 8 $\frac{1}{2}$	.67 .67 .67 .67	.56 .62 .72 .57	.71 .71 .81 .71	52 —	“	7/8	3 $\frac{1}{2}$	Quad $\frac{1}{2}$ L	7/8	3 $\frac{1}{2}$	“ “
BILGE PLATING, No. of Strakes <i>One</i> ....	82 $\frac{1}{2}$	.685	.62	.63	—	“	7/8	3 $\frac{1}{2}$	“ “ “	“	“	“ “
SIDE PLATING, No. of Strakes <i>Four</i> ....	76 $\frac{1}{2}$ 81 $\frac{3}{4}$ 82 $\frac{1}{4}$ 77	.66 .66 .66 .66	.48	.69	9 —	Three seams Treble between Peak B. Hds	7/8	3 $\frac{1}{2}$	“ “ “	“	“	“ “
UPPER DECK, Sheer-strake <i>in Wells</i> .....	52	1.02	.49	.49	—	Double	1 $\frac{1}{8}$	4 $\frac{1}{2}$	Quintuple $\frac{1}{2}$ L	1 $\frac{1}{8}$	5 $\frac{1}{2}$	“ “
UPPER DECK, Sheer-strake <i>in Bridge</i> .....	52	1.22	—	—	—	“	1 $\frac{1}{8}$	4 $\frac{1}{2}$	Quintuple	1 $\frac{1}{8}$	5 $\frac{1}{2}$	“ “
STRAKE BELOW Sheer-strake <i>at Poop front</i> .....	80	.935	.48 $\frac{1}{2}$ .49	.49	80 x .81 — .49	Double	1	4	Quintuple $\frac{1}{2}$ L	1	4 $\frac{1}{2}$	“ “
STRAKE BELOW Sheer-strake <i>in Bridge</i> ...												
POOP SIDE PLATING .....				.42	—	Single	7/8	3 $\frac{1}{2}$	Double	3/4	2 $\frac{5}{8}$	“ “
“ “ <i>at poop front</i>				.52	—	Run down to deck.			Treble	7/8	3 $\frac{1}{2}$	“ “
BRIDGE SIDE PLATING ...		.44				Run down to deck.			Treble	3/4	2 $\frac{5}{8}$	“ “
FORE'C'TLE SIDE PLATING			.44			Single	7/8 $\frac{3}{4}$	3 $\frac{1}{2}$ $\frac{3}{4}$	Single	3/4	2 $\frac{5}{8}$	“ “

## WATERTIGHT BULKHEADS.

## FORGINGS and CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—		Extending to Upper Deck (Sec. 3 c)		Twelve.	
" " Upper Deck + Deck next below		" " "		Four.	
As per Rule		" " "		Eight.	
Remainder of Bulkheads as per approved plans.		STIFFENERS.			
Plating Thickness.		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks		Summer Tank.	B. a.	38	—
" " Second					
" " Third					
" " Holds		38-52	One vel 42 x 46. " " 40 1/2 x 46.	38	31.
COLLISION " (in Hold)		30-52	Lower Part. B. a. 11 x 32 x 56 24. " 8 x 37 1/2 x 37. above Step. B. a. 10 x 32 x 46. " " 57 1/2 x 3 x 40 1/2 " 16 3/2 x 3 x 38.	24	30.
AFTER PEAK " "		30-46	Upper Part. B. d. 11 x 32 x 52. " 7 x 32 x 36. Below Step. B. a. 8 x 3 x 40. " " 7 x 3 x 33 1/2.	24	24.
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)					
Consalt. Mannesmann Tube Co. Dorman Long Skinningrove. South Durham. Lanarkshire.					
Colville Cargo Fleet. Raine & Co. Frodingham Appleby Iron Co. Steel Co. of Scotland.					
Has the Steel been tested as required by the Rules? Yes.					







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.)

Duplicate Vessel to the Motor ship "Pan Aruba" No. 1443 by the same Builders with the exception that in the present instance the midship coffer dam has been dispensed with, & steam engines fitted.

The approved plans (18 in number) are enclosed.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	C. & G. lbs.		No.	D. C. Butler.	16-1-31.
		50-2-0.	55-1-7.			
	2nd "	51-1-26.	56-2-0.	" 8933.	N. Berg.	12-12-30.
	3rd "	41-2-24.	45-3-21.	" 8756.	" "	14-10-30.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 117.0 ft., R.Q.D. ft., Bridge 41.5 ft., Forecastle 49.75 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)

2 D<sup>th</sup> (S<sup>th</sup>) & Web Frames. Longitudinal Framing.

Official No. : Signal Letters

bottom of Vessel coated with cement E & B. Spaces if not give (Double Bottom)

particulars of composition

Elsewhere = nil.

#### PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	—	227.
Double bottom, under Engines and Boilers,	83'-0".	265.	After peak tank,	—	184.
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,	45'-0".	623.
Double bottom, forward,			Other tanks, if fitted,		
			(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. 5435

Date 28. 10. 30

Dates of Surveys held while building

1930  
Nov. 25. Dec. 8. 9. 15. 30. Jan. 6. 14. 15. 21. 23. 26. 28. Feb. 3. 6. 9. 10. 11. 13. 17. 20. 24. 27. Mar. 5. 5. 6. 9. 12. 13. 17.  
20. 24. 25. Apr. 1. 7. 10. 14. 16. 17. 20. 21. 22. 23. 24. 25. 27. 28. 29. 30. May 1. 2. 4. 5. 6. 7. 8. 11. 12. 13. 14. 15. 18. 19. 21.  
27. June 2. 9. 11. 17. 18. 19. 29. July 2. 6. 7. 8.

Total No. of Visits 75.



Rpt. 1\*.

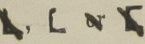
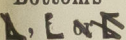
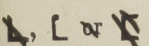
S. S. "Pan. Bolivar."

Newcastle-on-Tyne

87 354

15 JUL 1931

## PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.		AMIDSHIPS.			ENDS. Fore Hold.			AMIDSHIPS.			ENDS. Fore Hold.			Rivets in Longitudinal Frames.		RIVETING.		Rivets in Brackets to Bulkheads.	
		In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Diam. Ins.	Speng. Ins.	Spacing of Rivets on each side of Transverses and Bulkheads. Inches.	Number.	Diameter. Inches.	
Framing of 		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.				
Frames in Bridge 'tween Decks ...		Transverse Framing.																	
Frames from Uppermost Continuous Deck No. 1		8	3 1/2	.35	8	3 1/2	.35	8	3 1/2	.35	8	3 1/2	.35	1	6D			9 7/8	
" 2		8	3 1/2	.35	"	"	"	8	3 1/2	.35	"	"	"	1	6D			9 7/8	
" 3		8	3 1/2	.39	"	"	"	8	3 1/2	.39	"	"	"	7/8	"			10 "	
" 4		8	3 1/2	.49	"	"	"	8	3 1/2	.49	"	"	"	"	"			10 "	
" 5		9	3 1/2	.40	"	"	"	9	3 1/2	.40	"	"	"	"	"	4 1/2 D = 10 R		11 "	
" 6		9	3 1/2	.44	8	3 1/2	.37	9	3 1/2	.44	8	3 1/2	.37	"	"	"	"	11 "	
" 7		9	3 1/2	.50	8	3 1/2	.48	9	3 1/2	.50	8	3 1/2	.48	"	"	"	"	11 "	
" 8		10	3 1/2	.40	9	3 1/2	.41	10	3 1/2	.40	9	3 1/2	.41	"	"	"	"	11 "	
" 9		10	3 1/2	.40	9	3 1/2	.44	10	3 1/2	.40	9	3 1/2	.44	"	"	3 1/2 D = 10 R.		11 "	
" 10		10	3 1/2	.48	10	3 1/2	.44	10	3 1/2	.48	10	3 1/2	.44	"	"	"	"	11 "	
" 11		10	3 1/2	.54	Deep Tank.			10	3 1/2	.54	Deep Tank.			"	"	"	"	11 "	
" 12		[12x4x4x .40 .60]			Transverse Framing			[12x4x4x .40 .60]			Transverse Framing			"	"	"	"	16 "	
" 13		[12x4x4x .60 .60]						[12x4x4x .60 .60]						"	"	"	"	16 "	
" 14/18+20/24		[15x4x4x .41 .62]						[15x4x4x .41 .62]						"	"	"	"	16 "	
Girder :- No 19		55x.44 + 0.2						55x.44 + 0.2								Foremost bulk compartment. = 4 1/2 D. throughout.			
" 18		6 3 .50						6 3 .50											
Spacing of Longitudinal Frames		Amidships Bottom 2'-6"			2'-7"			2'-6"			2'-7"								
		At Ends 2'-7"						2'-7"											
Double Bottoms 		Tank Top Longitudinals			7	3 1/2	.44	Spaced 2'-5" x 2'-8"			7	3 1/2	.44						
		at O.F. Bulkhead Bottom			[15x4x4x .41 .62]						[15x4x4x .41 .62]								
Spacing of Longitudinals		Amidships			Double Bottom in E.R. = Transverse Framing. + Boiler Room.														
		At Ends...																	
Transverses.					Fore Hold.						Fore Hold.			Rivets in Lugs to Shell					
In Bridge 'tween Decks		Depth and Thickness			Transverse Framing														
		Face Angles																	
		Lugs to Shell*																	
In Upper 'tween Decks.		Depth and Thickness			19		.42	19		.42	19		.42	19		.42			
		Face Angle			3 1/2	3 1/2	.42	3 1/2	3 1/2	.42	3 1/2	3 1/2	.42	3 1/2	3 1/2	.42			
		Lugs to Shell*			3 1/2	3 1/2	.42	3 1/2	3 1/2	.42	3 1/2	3 1/2	.42	3 1/2	3 1/2	.42	7/8 4 1/2 D Not foggled, as per plan.		
In Hold.		Side 37 .48			28 .48			37 .48			28 .48								
		Bottom 52 .48						52 .48											
		Side O.2 7x3 1/2 .58			4 3 1/2 .50			7 3 1/2 .58			4 3 1/2 .50								
		Bottom B.2. 10x3 1/2 .50						10 3 1/2 .50											
		Lugs to Shell*			6	6	.48	6	6	.48	6	6	.48	6	6	.48	7/8 5 D foggled		
		+ 3 1/2 3 1/2 .48						+ 3 1/2 3 1/2 .48						7/8 5 D			"		
		T=.42. B=.48			Flanged .40 x .48			T=.42. B=.48			Flanged .40 x .48								
Spacing of Transverse Frames		8'-1 1/2" x 9'-10 1/2"			9'-0"			8'-1 1/2" x 9'-10 1/2"			9'-0"								
		* State if foggled or liners.																	
Longitudinal Beams of 		Bridge Deck ...			Fore Hold			Fore Hold			Spacing.			In Ships.		As approved.			
		Transverse Framing.																	
		Upper " 7 3 1/2 .48			6	3	.44	7 3 1/2 .48	6	3	.44	33	Plate.		Angle.		Plate.		
		Second " 7 3 1/2 .38						7 3 1/2 .38				30	Main Cargo Tanks.		Angle.		As approved.		
		Third " 7 3 .47			7	3	.33	7 3 .47	7	3	.33	30 3/31	12 1/2 x 40		4 1/2 x 3 1/2 x 43		12 1/2 x 40		
													18 x 40		7.5		18 x 40		
													23 x 42		O.2.		7 x 3 1/2 x 52		
															23 x 42		7 x 3 1/2 x 52		

The 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.