

STEEL STEAMER or MOTORSHIP.

25 FEB 1931

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 *23rd February 1931*Port of *Newcastle on Tyne*No. *86846*Survey held at *Newcastle*Date First Survey *7th Feb/30*Last Survey *18th Feb/31*

19

On the *(Full Scantling, Complete Superstructure)* *Steel Twin Screw Motor Tanker "HARPA"*State Type *Full Scantling*State Type of Erections *Steel, trunk deck Poop*TONNAGE under Tonnage Deck *2251 41*CLASS *+100. A1. Carrying petroleum in bulk*State if with freeboard as condition of Class *no*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*Launched *5/12/30*Yard No. *575*

Total

Breadth (greatest moulded)

B *50*Builders *RTW. Hawthorn Leslie & Co. Ltd.*Gross Tonnage *3006.86*

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

D *19.25*Owners *The Anglo-Saxon Petroleum Co*Register Tonnage *1629 63*

1st Longitudinal Number (L x D)

= *5871*

Managers

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

REGISTERED DIMENSIONS.

FEET.

Length *305*

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

- *-*Residence *London*Breadth *50.15*

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

*15.84*Port of Registry *London*Depth *19.25*

Do. Long Bridge to top of keel

12.03

If surveyed while building, afloat, & in dry dock

Brought Moulded

*Handed 17-13/4**17-13/4*B.K. draft *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	<i>32"</i>		Bracket Floors, Frame		
" " from $\frac{1}{2}$ length to Collision bulkhead	<i>24, 27 as appl.</i>		" " Reversed Frame		
" " in peaks	<i>24 as appl.</i>		" " Vertical Struts		
SIDE FRAMING.			<i>In Machy. Space</i>		
Frame Amidships, <i>Angle E or F</i>	<i>7 3 40 appl. 38</i>		Centre Girder, depth and thickness amidships	<i>46 1/2 x 36</i>	
" " Extends up to	<i>and as appl. for upper dk.</i>		" " top Angles	<i>D. 3. 3. 40</i>	
Reversed Frame Amidships, Angle	<i>None</i>		" " bottom Angles	<i>D. 3 1/2 3 1/2 44</i>	
" " Extends up to	<i>except at ends as appl.</i>		Side Girders, No. each side and thickness	<i>Two. 42.5</i>	
Depth of Framing Girder	<i>✓</i>		Margin Plate depth (excl. of flange) and thickness	<i>43 as appl.</i>	
Frames in Uppermost Continuous Decks, Angle, <i>E or F</i>	<i>5 1/2 3 30</i>		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem		
" " Second 'tween Decks, Angle, <i>E or F</i>			" " Vertical Angle to Tank side Bracket forward $\frac{1}{2}$ len. from stem		
" " Third " " "			" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem		
Framing in Peaks, Angle <i>E or F</i>	<i>5 1/2. 3. 37. and as appl.</i>		" " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>3/4 4 1/8</i>		Tank Side Brackets, height above base line at toe of Frame and thickness	<i>4-5 x 40 and as appl. in E.R.</i>	
State if Frame Joggled	<i>Yes</i>		INNER BOTTOM PLATING. <i>In Machy. Space</i>		
PANTING ARRANGEMENTS (Sec. 7). state system and particulars	<i>Web frames as appl.</i>		Breadth and thickness of Middle Line Strake	<i>60. 42 7. 75 appl. 50</i>	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>5 x 5 x 46 frame bottoms intercostal girder 5 thick 4 midship thickness</i>		Thickness of remainder in Holds	<i>E.R. 1.0 6. 42</i>	
SINGLE BOTTOM. <i>In Fore Hold</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</i>	
Floors, Depth and thickness at mid-line in Hold	<i>30 x .46</i>		BEAMS.		
Height of Brackets at side above base line at toe of frame	<i>4-5 x .40</i>		Uppermost Continuous Deck, <i>In Fore Hold</i>		
Middle Line Keelson, <i>on Floors</i> , Angles, <i>E or F</i>	<i>3. 3. 44</i>		" " in Way of Bridge, Angle, <i>E or F</i>	<i>8 3 40</i>	
" " Through Plate	<i>30 x .47</i>		" " Spacing	<i>27"</i>	
" " Foundation Plate on Floors	<i>48 x .38</i>		Second Deck, amidships, Angle, <i>E or F</i>		
" " Flat Plate Keel Angles	<i>4 x 4 x .50</i>		" " Spacing		
Side Keelsons, No. each side <i>In Fore Hold</i>	<i>Two</i>		Third Deck, amidships, Angle, <i>E or F</i>		
" " thickness of Intercostal Plate	<i>.40</i>		" " Spacing		
" " Rider Plate	<i>15 x .48</i>		Fourth Deck, amidships, Angle, <i>E or F</i>		
" " Angles	<i>3. 3. 40</i>		" " Spacing		
DOUBLE BOTTOM. <i>In Machy. Space</i>			Poop Deck, Angle, <i>E or F</i>	<i>6 1/2. 3. .41</i>	
Solid Floors, thickness and spacing	<i>42-38 24 30</i>		" " Spacing	<i>12 1/2 x 30</i>	
" " Are Frame and Reversed Frame joggled?	<i>Yes</i>		Bridge Deck, Angle, <i>E or F</i>		
Bracket Floors, breadth and thickness at middle line			" " Spacing		
" " breadth and thickness at margin plate			Forecastle Deck, Angle, <i>E or F</i>	<i>8 3 40</i>	
			" " Spacing	<i>54</i>	

W1134-000513

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 in holds, Two in Run 46 ft</i>			Stringer Plate, breadth and thickness in way of Bridge			
<i>3rd</i>					Thickness of Plating abreast Deck openings in way of Wells			
in between Decks, Size and Spacing.....		<i>28 @ 48"</i>			Thickness of Plating abreast Deck openings in way of Bridge			
" " " " " "					Thickness of Plating within line of openings...			
in Holds " " " "		<i>II 8x3 1/2 x 3 1/2 x 42/52</i>			If Sheathed, material and thickness			
Wing Centre Line Bulkheads		<i>Hor. I 15. 4. 4. 50/12</i>		<i>appd. 44/52</i>	Third Deck.			
Stiffeners and Spacing.....		<i>V. { 12x3 1/2 x 3 1/2 x 38/50 @ 8' 8x3 x 38 @ 32"</i>			Stringer Plate, breadth and thickness.....			
Plating, thickness of		<i>50 - 40</i>		<i>appd 45-35</i>	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>49 x 46-34</i>			If Plated, state thickness			
" " " " in way of Bridge.....		<i>✓</i>			Poop Deck.		<i>68 to 36 x 42-32</i>	
Angle in Wells		<i>6. 6. 50</i>			Stringer Plate, breadth and thickness			
Thickness of Plating abreast Deck openings in way of Wells.....		<i>.46</i>			Plating, Sheathing, material and thickness		<i>64-32 steel sheathed over accom with 2 1/2 P.P.</i>	
Thickness of Plating abreast Deck openings in way of Bridge.....		<i>.50</i>		<i>See amended plan</i>	Bridge Deck.			
Thickness of Plating within line of openings...		<i>.46 - 30</i>			Stringer Plate, breadth and thickness.....			
If Sheathed, material and thickness		<i>not sheathed</i>			Plating, Sheathing, material and thickness			
Second Deck.					Forecastle Deck.			
Stringer Plate, breadth and thickness in Wells.....		<i>.64 - 36</i>			Stringer Plate, breadth and thickness.....		<i>36 x 32"</i>	
					Plating, Sheathing, material and thickness		<i>32 sheathed 2 1/2 thick.</i>	

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled?		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	53	.68	.58	.58		2 Rows	7/8	(8)	4-3 Rows	7/8	3 1/2-3 1/2	lapped
„ DELG. (if any)		✓	✓	✓		✓						
BOTTOM PLATING, No. of Strakes4.....		.50	.40	.48		do	3/4	2 5/8	2 Rows	3/4	2 7/8	„
BILGE PLATING, No. of Strakes1.....		.50	.40	.48		do	3/4	-	-	„	„	„
SIDE PLATING, No. of Strakes1.....		.50	.40	.40		do	3/4	-	-	„	„	„
UPPER DECK, Sheer- strake in Wells.....	58	.50	.40	.40	appd 44x.50 to 40	do	3/4	-	-	„	„	„
UPPER DECK, Sheer- strake in Bridge ...	at Poop end	✓	✓	.68					4 Rows	7/8	3 1/2	„
STRAKE BELOW Sheer- strake in Wells.....		50	40	40		do	3/4	-	2 Rows	3/4	2 7/8	„
STRAKE BELOW Sheer- strake in Bridge ...	at Poop end	✓	✓	53		do	3/4	-	3 Rows	3/4	2 7/8	„
POOP SIDE PLATING		✓	✓	40-34		2-1 Row	3/4	3	2-1 Row	3/4	2 7/8	„
BRIDGE SIDE PLATING ...		✓	✓	✓		-						
FORE'C'TLE SIDE PLATING		✓	✓	.38		1 Row	3/4	3	1 Row	3/4	2 7/8	„

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c) *11*

" Deck next below *11*

As per Rule *As approved*

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar			<i>Flat plate keel</i>	
STEM			<i>Roller 7 1/8 x 2 1/2 Lanarkshire</i>	
STERN FRAME {	Propeller Post	<i>Bkts</i>	<i>Forged 11x4. Warton R.A.</i>	
	Rudder	<i>do</i>	<i>8x2 5/8 do.</i>	
RUDDER—A x D	<i>do</i>	<i>354.3</i>	<i>do.</i>	
Speed of Vessel		<i>10. K</i>		
RUDDER mainpiece at head		<i>10 7/8</i>		
" " heel		<i>8 1/2</i>		
" how constructed		<i>Armchuck on</i>		
" double or single plate		<i>1-06 Single plate</i>		
" coupling, vertical or horizontal		<i>Horizontal</i>		

STIFFENERS.

	Plating Thickness.	VERTICAL.				HORIZONTAL.			
		Scantlings.	Spacing.	Scantlings.	Spacing.	Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks									
" " Second									
" " Third									
" " Holds	<i>51-39</i>	<i>7 1/2. 3. 40. I wet as appd</i>	<i>32"</i>	<i>27x40. S.B. Beam</i>	<i>+ I as appd</i>				
COLLISION " (in Hold)	<i>38-26</i>	<i>6 1/2. 3. 44 I</i>	<i>24"</i>	<i>Flat.</i>					
AFTER PEAK "	<i>38-30</i>	<i>8 1/2. 3. 43 I</i>	<i>24"</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)

Roman Co. Pease Parkers Ld. Appleby Don Co. Corbett Don Co. Works, Corp. Steel Iron Works. South Durham S.S. Co. Lanarkshire S.S. Co. Frodingham Steel Co.

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

Open Hearth

Cleveland Steel

Frodingham Steel Co.

EQUIPMENT No 22595											LETTER <i>E. Bydell</i>	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.					
33085	1st Bower ...	46	2	7				40.	5	1	7	42	—	<i>Byers Improved</i>	—	5. 22/5/20 JHB.
33087	2nd " ...	42	1	0				37	6	1	0	42	—	<i>do</i>	—	5. 23/5/20 "
33149	3rd " ...	35	2	0				32	15	—	—			<i>do</i>	—	5. 16/6/30 "
	Collective weight.	124	1	7								119.	2.0			
45489	Stream	11	1	0	2	3	21	13	2	2	0	11	—	<i>Rodgers</i>	—	C.H. 20.6.30 <i>Paul</i>
CHAIN CABLES																

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.	Statury.	Break-ing.	Supplied.			Per Rule.		Length.					Diam.	Length.		Chr.	Tons.
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.									
44761	270	2	72	100 ⁴ / ₅	538.	3.	7	538.	3.	0	Admiralty Stud Link	Weekwood & Co.	C.H. 20/4/30. Paul	TOWLINE	100.	4	33 T.	100.	4
														HAWSERS & WARPS	2-90	2 ¹ / ₂	125 T.	2-90	2 ¹ / ₂

Steering Gear, Steam *Asstie & Co 8x8* Steering Gear, Hand *Wire tackle from afters winch*
Boats 2 @ 28'-0": 1 @ 18'-0" Steering Chains, Size and Test *none* Windlass *Emerson Walker 9 1/2 x 11*
Ceiling in Holds, thickness and material *none* Cargo Battens, thickness, material and spacing *none*
Cargo Hatchways.-(Upper Deck) *15 to cargo tanks; 1 to fore hold* Thickness of Hatches *all steel covers .50.*
Size of No. 1 Hatchway (Forward) *10x9* other *8x7 to centre tanks and 5x2 to wing tanks*
Number of Shifting Beams and/or Fore and Afters *none.*

FOR R. & W. HAWTHORN, LESLIE & CO. LIMITED.

Builder's Signature *[Signature]*

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel *Yes* (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo *Tanker* The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

This vessel has been built in accordance with the Approved Plans, the Committee's instructions & the Society's Rules for vessels carrying Petroleum in Bulk. The material & workmanship are good.

All tanks, cofferdams, bunkers, peaks & double bottom tanks have been tested as required by the rules & found satisfactory.

The requirements of Section 20 of the Rules when applicable for the carriage of oil fuel having a flash point above 150° have been complied with.

The assigned freeboard has been marked on the vessel's side & cut-in.

The weather decks & W.T. bulkheads above the flats have been tested.

The amount of Entry Fee £ 7 : 0 : 0 Fees applied for, *12.2.1931*
Hubbard 7. 10 0.
Special Survey Fee.... £ 338: 0 : 6 Received by me, *16.2.1931*
Travelling Expenses, if any £ : / : *16.2.1931*

I am of opinion the Vessel should be Classed *+100 A1.*
Carrying Petroleum in Bulk. Notation *longitudinally framed on bottom & deck*

State whether the Vessel has been built under Special Survey *Yes*
H+M Certificate to be sent to *Newcastle* Date of issue *27/2/31*

Signature *[Signature]*
Surveyor to Lloyd's Register of Shipping.

Committee's Minute

FRI. 27 FEB '31

Character assigned

+100 A1
Carrying Petroleum in Bulk

Lloyd's arch, + d.m.c. 2.31 Oil Eq.
C.L., S.B. 150 lbs

Write Note
And

[Signature]



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Lloyd's Register Foundation

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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.)

The approved plans 16 in number together with the metal ship section of the vessel as built, and the forging certificates are forwarded herewith.

This vessel is a sister ship to the same builders S/S HELIX. No 576.

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

1st Bower	21. 1. 10.	K.H.	7800.	29. 4. 30.
2nd "	24. 3. 6.	K.H.	7799	29. 4. 30.
3rd "	21. 1. 12.	K.H.	7966	23. 5. 30.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 86.16 ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle 49.83 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated Poop & fore-castle joined by trunk top

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

Official No. 162538 ; Signal Letters L.G.T.G.

Is bottom of Vessel coated with cement Juteb if not give

particulars of composition

in F.W. Tank. Full cement in Peaks.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	19-10	51.5. tons
Double bottom, under Engines and Boilers, Fore End A.F.	16-6	(54.0. oil)	After peak tank,	17-2	56.0. tons
Double bottom, if under Engines only, aft End F.W.	27-6 =	48.34 tons	Deep tank, aft,		
Double bottom, if under Boilers only, Centre Tank Drain	5-0	(10.0. oil)	Deep tank, forward,		
Double bottom, forward,	49-0		Other tanks, if fitted,		
		Total capacity of double bottom 48.34 tons water tank	(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. 5415

Date 28.2.30.

Dates of Surveys held while building

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

Lloyd's Register
Foundation

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 Bulkhead.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Diam.	Speng.			
Framing of Trunk C	No Bridge															
Frames in Bridge 'tween Decks ...																
Frames from Uppermost Continuous Deck No. 1																
" 2																
" 3																
" 4																
" 5																
" 6																
" 7																
" 8	12. 3 1/2. 3 1/2. 37 1/2 50.						10. 3 1/2. 3 1/2. 42 1/2 56.						3 1/4 4 1/2 3 3/8		16 1/2	
" 9	do						do						-		-	
" 10	Wing Bulkhead						-						-		-	
" 11	12. 3 1/2. 3 1/2. 37 1/2 50.						do						-		-	
" 12	do						do						-		-	
" 13	do						do						-		-	
" 14	do						do						-		-	
" 15	do						do						-		-	
Centre Girders	45 x 42. Bottom Bars 3 1/2. 3 1/2. 50. Top Bars Inter- 6 x 3 x 42.5															
	32" x 36"						32" x 36"									
Spacing of Longitudinal Frames	Amidships			At Ends												
Double Bottoms L, L or C	Tank Top Longitudinals															
	Bottom															
Spacing of Longitudinals	Amidships			At Ends...												
Transverses.	15. 4. 4. 4 1/2 C						15. 4. 4. 4 1/2 C						3 1/4 3 3/4			
In Bridge TRUNK 'tween Decks	Depth and Thickness			✓			✓						3 1/4 3 3/4			
	Face Angles			✓			✓						3 1/4 3 3/4			
	Lugs to Shell			✓			✓						3 1/4 3 3/4			
On Upper 'tween Decks	Depth and Thickness			12. 3 1/2. 3 1/2. 38 1/2 50.			12. 3 1/2. 3 1/2. 38 1/2 50.						3 1/4 3 3/4			
	Face Angles			✓			✓						3 1/4 3 3/4			
	Lugs to Shell			✓			✓						3 1/4 3 3/4			
In Hold.	Depth and Thickness			45 x 46.8 30" x 40 in wing tank, throughout oil tanks as approved			45 x 46.8 30" x 40 in wing tank, throughout oil tanks as approved						3 1/4 3 3/4			
	Face Angles			Double 6. 3 1/2. 64 & 3. 3. 44.			Single 6. 3 1/2. 64 & 3. 3. 44.						3 1/4 3 3/4			
	Lugs to Shell			5. 5. 40			5. 5. 40						3 1/4 3 3/4			
	Back Bars ...			53 x 40. 5 x 40			53 x 40. 5 x 40						3 1/4 3 3/4			
	Brackets			8' 0"			8' 0"						3 1/4 3 3/4			
Spacing of Transverse Frames	State if joggled or liners.															
Longitudinal Beams of L or C	Trunk Bridge Deck ...			6 3 36			6 3 36			32			15. 4. 4. 4 1/2 C		-	
	Upper "			7 3 40			7 3 40			36			12. 3 1/2. 3 1/2. 38 1/2 50 C		-	
	Second "															
	Third "															

The particulars of framing in peaks (if ordinary), Floors, Centre Girders, 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.

1m, 10, 20, T.

W1134 - 0005 3/3

Double bottom, aft,	16-6	(54.0.01)	Fore peak tank,	17-10	57.0.01
Double bottom, under Engines and Bottom, Fore End O.F.	27-6	48.34.01	After peak tank,	17-2	56.0.01
Double bottom, if under Engines only, aft End F.W.	5-0	(10.0.01)	Deep tank, aft,		
Double bottom, if under Bottoms only, Centre Tank Drain	49-0		Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
			(If necessary, furnish further information by sketch.)		

Total capacity of double bottom 48.34.01 water tank

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

Order for Special Survey No. 5415

Date 28.2.30.

Dates of Surveys held while building

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

Lloyd's Register
Foundation
Total No. of Visits 100.