

## STEEL STEAMER or MOTORSHIP.

21 NOV 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 *November 19<sup>th</sup> 1927* Port of *Sunderland*No. *29559*Survey held at *Sunderland*Date First Survey *24<sup>th</sup> Jan. 1927*Last Survey *10<sup>th</sup> November 1927*On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *Single screw "LARISTAN" Machinery aft.*State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Full Scantling. Oil Tanker. Bracketless* State Type of Erections *P.B. + Forecastle*TONNAGE under Tonnage Deck... *5883.08*CLASS *F100A1* carrying (State if with freeboard) *no* *Petroleum in Bulk.* as condition of Class *Longitudinal Framing (Bracketless)*

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) *1420.0*

Total

Breadth (greatest moulded) *B 54.4*Gross Tonnage *6414.10*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 33.58*Register Tonnage *3844.98*1st Longitudinal Number (L x D) *= 14.103*2nd Numeral L x (B + D) *= 134.044*

## REGISTERED DIMENSIONS.

FEET.

Length *420.0*Breadth *55.0*Depth *34.85*Framing Depth "d," at middle of length. See Sec. 3 (1d) *12.08*Proportions—Depth to Length—Uppermost continuous deck to top of keel *12.08*  
Do. Long Bridge to top of keel *26.4*Draught Moulded *26.4*Built at *Sunderland*Launched *14 Sept. 1927* Yard No. *425*Builders *Gressor Short Bros. Ltd.*Owners *Hindustan S.S. Co. Ltd.*

Managers

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

Residence *Newcastle.*Port of Registry *Newcastle.*

If surveyed while building, afloat, or in dry dock

*Building 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.
FRAMES, Spacing amidships	Longitudinal		Bracket Floors, Frame	<i>B. ANGLES</i>	<i>9 3 1/2 66</i>
" " from 1/2 length to Collision bulkhead	Framing		UNDER BOILERS		
" " in peaks	<i>Isherwood Bracketless System.</i>		" " Reversed Frame	<i>D</i>	<i>9 3 1/2 50</i>
DE FRAMING.			" " Vertical Struts		
Frame Amidships, Angle, [ or ]	Longitudinal		Centre Girder, depth and thickness amidships	<i>1/2 41 61 B. space</i>	
" " Extends up to	Framing		IN WAY OF ENGINE & BOILER SPACE.		
Reversed Frame Amidships, Angle	<i>Isherwood</i>		" " top Angles	<i>3 1/2 3 1/2 53</i>	
" " Extends up to	<i>Bracketless</i>		" " bottom Angles	<i>4 4 59</i>	
Depth of Framing Girder	<i>System</i>		Side Girders, No. each side and thickness	<i>Two 41</i>	
Frames in Uppermost Continuous 'tween Decks, Angle, [ or ]			Margin Plate depth (excl. of flange) and thickness	<i>9 54</i>	
" " Second 'tween Decks, Angle, [ or ]			" " Vertical Angle to Tank side	<i>BS. 66</i>	
" " Third " " "			Bracket abaft 1/4 len. from stem		
After			" " Vertical Angle to Tank side		
Framing in Peaks, Angle or [	<i>8 3 1/2 41</i>		Bracket forward 1/4 len. from stem		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships			Gussets, spacing and scantling		
State if Frame Joggled	<i>no</i>		abaft 1/4 len. from stem		
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars	<i>In Fore Peak Tank</i>		Gussets, spacing and scantling		
LENGTHENING OF BOTTOM FORWARD. State Particulars	<i>Stringer 36 x 34</i>		forward 1/4 len. from stem		
DOUBLE BOTTOM, IN FORE DEEP TANK	<i>Beams 11 x 3 1/2 x 45 on all frames.</i>		Tank Side Brackets, height above base line at toe of Frame and thickness		
Floors, Depth and thickness at mid-line	<i>Abate Peak Transverses &amp; Longs.</i>		INNER BOTTOM PLATING.		
Height of Brackets at side above base line at toe of frame	<i>Midship Rule Thickness of 3 strakes maintained.</i>		Breadth and thickness of Middle Line Strake	<i>ATHWARTSHIPS. E.S. 1.00 x 52</i>	
Middle Line Keelson, on Floors, Angles	<i>in way of Oil Tanks</i>		" " " " UNDER BOILERS	<i>51 x 66</i>	<i>app 56</i>
IN FORE DEEP TANK	<i>64 in way of Fore Deep Tank, Transverse</i>		Thickness of remainder in Holds		
" " Through Plate or Intercoastal Plate	<i>FTD in ing, Single frames 6 x 6 x 44</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>	
" " Foundation Plate on Floors			BEAMS.		
" " Flat Plate Keel Angles	<i>4 4 51</i>		Uppermost Continuous Deck, amidships		
de Keelsons, No. each side	<i>TWO</i>		in Wells, Angle, [ or ]		
FORE DEEP TANK			" " in way of Bridge, Angle, [ or ]		
thickness of Intercoastal Plate	<i>40</i>		Spacing		
" B. Angles	<i>9 3 1/2 46</i>		Second Deck, amidships, Angle, [ or ]	<i>LONGITUDINAL</i>	
DOUBLE BOTTOM, AFT. IN ENGINE SPACE	<i>41 @ 33 1/2 32</i>		Spacing	<i>FRAMING</i>	
Mid Floors, thickness and spacing	<i>61 @ 64 6 1/2 x 96</i>		Third Deck, amidships, Angle, [ or ]	<i>ISHERWOODS</i>	
" " Are Frame and Reversed Frame joggled?	<i>no</i>		Spacing	<i>BRACKETLESS</i>	
Bracket Floors, breadth and thickness at middle line	<i>2-9 x 61</i>		Fourth Deck, amidships, Angle, [ or ]	<i>SYSTEM.</i>	
" " breadth and thickness at margin plate	<i>2-9 x 61</i>		Spacing		
			Poop Deck, Angle, [ or ]		
			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, No. of Rows.....</b>	ONE		Stringer Plate, breadth and thickness in way of Bridge .....	✓	
" <i>Forecastle</i> in 'tween Decks, Size and Spacing.....	6 6 50	4 8 3 1/2 solid	Thickness of Plating abreast Deck openings in way of Wells .....	43 to 30 clear of o/c	✓
" <i>Fore peak, tank, (one row)</i>	4 3 40	as plan	Thickness of Plating abreast Deck openings in way of Bridge .....	✓	
" <i>Cargo</i> in Hold (one Row, C. Line)	6 x 6 x 68	4 1/2 x 40 subula	Thickness of Plating within line of openings...	✓	
" " " " "	Double angles wide spaced		If Sheathed, material and thickness .....	✓	
<b>Centre Line Bulkhead, In Oil Tanks, Stiffeners and Spacing.....</b>	15 x 4 x 4 x 51/2	9 x 3 1/2 x 39 (NBS) as plan	<b>Third Deck.</b>		
Plating, thickness of .....	56 - 45		Stringer Plate, breadth and thickness.....	✓	
<b>STRINGERS AND DECKS.</b>			If Plated, state thickness.....	✓	
<b>Uppermost Continuous Deck.</b>			<b>Fourth Deck.</b>		
Stringer Plate, breadth and thickness in Wells	52 x 64		Stringer Plate, breadth and thickness.....	✓	
" " at bridge ends & Poop Front	39 x 44 ends		If Plated, state thickness .....	✓	
" " " " in way of Bridge	52 x 64		<b>Poop Deck.</b>		
" Angle in Wells .....	6 6 60		Stringer Plate, breadth and thickness .....	43 straight 36	✓
Thickness of Plating abreast Deck openings in way of Wells .....	48 to 36		Plating, Sheathing, material and thickness .....	36 - 32	✓
Thickness of Plating abreast Deck openings in way of Bridge .....	48		<b>Bridge Deck.</b>		
of Centre Strake in way of Transverse Blds			Stringer Plate, breadth and thickness.....	42 x 42	✓
Thickness of Plating within line of openings...	86		Plating, Sheathing, material and thickness .....	32 and 28 In way of access, sheathed 2 1/2 Pine	✓
Alternate strakes " " " " doubled	48		<b>Forecastle Deck.</b>		
If Sheathed, material and thickness .....	✓		Stringer Plate, breadth and thickness.....	43 x 36 straight	43 35
<b>Second Deck.</b>			Plating, Sheathing, material and thickness .....	34	✓
Stringer Plate, breadth and thickness in Wells...	48 x 44	✓			

## 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.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.	Inches.	Inches.	
FLAT PLATE KEEL .....	52	94	44	44	✓	Double	1 4	5R to 3R.	1 4		Lapped.
" DBLG. (if any)	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
BOTTOM PLATING, No. of Strakes .....	1-65	65	50	64 to 48 at Transverse Framing	Double	7/8	3 1/2	4R to 3R	7/8	3 1/2	Lapped.
BILGE PLATING, No. of Strakes .....	6 1/4	45	50	50	"	"	"	"	1 4	"	"
SIDE PLATING, No. of Strakes .....	3-65	60	46	46	"	"	"	3R Full.	7/8	3 1/8	"
UPPER DECK, Sheer-strake in Wells.....	54 1/2	44	46	46	"	1 4	4R to 3R	1 4	"	"	"
UPPER DECK, Sheer-strake in Bridge ...	53	44	✓	✓	Treble	1 4	4R	1 4	"	"	"
STRAKE BELOW Sheer-strake in Wells.....	50	40	46	46	Double	7/8	3 1/2	4R	7/8	3 1/2	"
STRAKE BELOW Sheer-strake in Bridge ...	50	40	✓	✓	"	"	"	"	"	"	"
POOP SIDE PLATING .....		39 and 44 at break.			Double & Single clear of o/c	"	"	2R to 1R.	"	3 1/8	"
BRIDGE SIDE PLATING ...		42 and 50 at ends.			Double	"	"	2R.	"	"	"
FORECASTLE SIDE PLATING		42			Single	"	"	1R	"	"	"

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—					
Extending to Upper Deck (Sec. 3 c)	15	✓	as plan		
„ Deck next below		✓			
As per Rule	15				
	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks	In Summer Tanks 38'-35"	✓	✓	8' 3 1/2" x 40	2'-9" BA (NBS)
„ „ Second „					
„ „ Third „					
„ „ Holds .....	56'-36"	✓	2 webs each side of C.L. Bld	63" x 45 11'-0" (15' 4" x 4" x 50' 0" NBS)	18' 3 1/2" x 40 (8' 0" x 4" NBS)
COLLISION „ (in Hold) .....	50'-30"	✓	6 L. Bld. in deck tank, (6' 2" x 3 1/2" x 35' 0" NBS)	54" x 44 8'-3" (A. 0' 4" 1/2" NBS)	18' 3 1/2" x 40 (8' 0" x 4" NBS)
AFTER PEAK „ „ .....	55' 39' 30"	✓	9' 3 1/2" x 53 36"	4 brackets at longitudinal	

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL, Bar</b> .....	✓	✓	✓	✓
<b>STEM</b> .....	Rolled Steel	10 x 2 3/4	✓	✓
<b>STERN FRAME</b> { Propeller Post .....	Forging	10 1/2 x 8 1/2	J. S. Forster & Sons.	✓
{ Rudder " .....		9 x 8 1/2	✓	✓
<b>RUDDER—A x D.....</b>		158.41 x 3.605	1 = 570	✓
<b>Speed of Vessel.....</b>		10 knots	✓	✓
<b>RUDDER mainpiece at head</b> ...	Forging	11 1/2	J. S. Forster & Sons	✓
" " heel .....		8 1/2	✓	✓
" " how constructed .....	Forged & arms shrunk on.			✓
" " double or single plate coupling, vertical or horizontal.....	Single 109			✓
	Vertical			✓

## STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture). *Open hearth process.*  
*Bedchaw Vaughan & Co. Ltd. Cargo Steel Iron & Co. Ltd. Consett & Co. Ltd. Dorman Long & Co. Ltd.*  
*South Durham & Co. Ltd.*  
 Has the Steel been tested as required by the Rules? *yes*



EQUIPMENT No. 38441												LETTER at		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.	Cwts.				
89194.	1st Bower ...	68	2	14	Stockless.			53	1	3	14	68	Hartshorne.	H. Hingley Sons	Hetherington. 30.4.27. H. Green.	
89198	2nd „ ...	67	2	18	„			52	10	0	0	68	-	-	-	
89203	3rd „ ...	59	0	0	„			47	15	0	0	58½	-	-	-	
	Collective weight	195	1	14	/							194½				
89114	Stream ...	19	0	14	5	0	14	19	19	2	21	19	Common.	H. Hingley Sons	Hetherington. 30.6.27. H. Green.	

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.	
80536	Fathoms.	Ins.	Tons.	qrs.	Cwts.	qrs.	lbs.	Fathoms.	Ins.						Fathoms.	Ins.	Tons.	Fathoms.	Ins.
	135	25½	96½	134¾	361.2.3			240	25½	stud	H. Hingley	Hetherington. 24.6.27		TOWLINE	120	5½	65	120	5½
80537	135	25½	96½	134¾	362.0.15					link	"	" 25.6.27		HAWSERS & WARPS	2-90	2¾	15.5	2-90	2¾
	240	"			723.2.18		720¾					H. Green.		"	2-90	4"		2-90	4"
Stream Chain Steel Wire	90	5"	-	73	-			90	5"	Galv.	Hood Haggie	-		"					

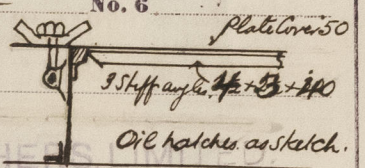
Steering Gear, Steam *John Lynn & Sons Ltd.* Steering Gear, Hand *Relieving blocks tackle operated from winch.*  
*Quadrant friction brake fitted.*  
Boats *2 life, 24ft., 2-18 Hingley* Steering Chains, Size and Test *✓* Windlass *Skam, Clarke Chapman*

Ceiling in Holds, thickness and material *one hold only, no ceiling* Cargo Battens, thickness, material and spacing *No cargo battens.*

Cargo Hatchways.-(Upper Deck) *Steel plates & angles, usual construction for oil tankers.* Thickness of Hatches *2½" to No. 1 Cargo Hatch, 50 plate to Oil hatches*  
*Oil tight hatches 6'0" x 4'0"*

Size of No. 1 Hatchway (Forward) *9'0" x 11'0"* No. 2 *✓* No. 3 *✓* No. 4 *✓* No. 5 *✓* No. 6 *✓*

Number of Shifting Beams and/or Fore and Afters *One to No. 1 Cargo Hatch.* *Pl. 10 x 30*  
*4 Ang/10 3 x 3 x 40*



Builder's Signature *George A. Mort.*

GENERAL DECLARATION *This vessel has been constructed in accordance with the approved plans, the Rules and the Secretary's letters. The materials and workmanship are good. The freeboard has been verified and the marks cut in on the vessels' sides. The Oil cargo tanks, cofferdams, oil fuel bunkers, summer tanks, peak tanks & DB tanks bulkheads & decks have been satisfactorily tested as required by the Rules. Heating coil pipes are fitted in the Cargo Oil tanks. Oil fuel pocket bunkers Oil fuel deep tank forward, and double bottom tank under Boilers have been satisfactorily tested in accordance with the Rules. The vessel is fitted for burning oil fuel F.P. above 150°F. The approved plans (15 in No) 3 Tonnage certificates, together with midship section, Profile & dks and after end sections as built are forwarded herewith. List of plans:- midship section, Profile & decks, Rudder & stern frame, Long framing at bilge, Fore and sections, After end sections, Double bottom in E & B space, Riveting in shell doublings.*

The amount of Entry Fee ..... £ 10: : Fees applied for, *17 Nov 1927*  
Special Survey Fee ... £ 540: 12: 9 Received by me, *12-12-27*  
*Freeboard £11: 0: 0*  
Travelling Expenses, if any £ : :  
State whether the Vessel has been built under Special Survey *yes.* Signature *W.P. Hollings. A. Charlton*  
Certificate to be sent to *SUNDERLAND.* Date of issue *13/12/27*  
Surveyor to Lloyd's Register of Shipping.

Committee's Minute *FRI. 25 NOV 1927*  
Character assigned *+ 100 FT. Carrying Petroleum in Bulk*  
*Lloyd's A & C. + L.M.C. 11:27*  
*F.D. Cl.*  
*Fitted for Oil Fuel 11:27 F.P. above 150°F*  
*Rule 24*  
*My*

The Surveyors are requested not to write on or below the Committee's Minute.



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.)

List of Plans contd.:-

Bridge front. Strengthening at Bridge & Poop ends. Upper deck plating in way of oil tanks. Section in way of bridge. Pumping. Bottom strake of B.L. in bld at transverse bulkheads. Framing in Fore peak etc.

There is no sister vessel.

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

1st Bower 43.2.20, WTB, 2345, 30.9.25.  
2nd " 44.0.14, WTB, 2346, 30.3.25.  
3rd " 36.3.3, KTB, 4635, 27.5.27.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 105.0 ft., R.Q.D. ✓ ft., Bridge 34.0 ft., Forecastle 37.62 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 Dks. (SK) + web frames. Longitudinal Framing. (Bracketless)

Official No. 149446 ; Signal Letters

Is bottom of Vessel coated with cement as stated if not give

particulars of composition Paint + cement in peaks, cofferdams, & double bottom tanks under Engines + Boilers only.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	21.5	98
Double bottom, under Engines and Boilers, (aft)	78.0	319	After peak tank,	16.0	98
Double bottom, if under Engines only,			Deep tank, aft,	36.0	559
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
	Total capacity of double bottom	319	(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. 5603

Date 2.2.27

Dates of Surveys held while building

1927. Jan. 24, 28.31. Feb. 2, 4, 11, 15, 17, 18, 22, 24, 28. Mar. 1, 3, 4, 7, 8, 9, 11, 15, 17, 18, 21, 22, 24, 28, 30. Apr. 1, 5, 7, 12, 20, 22, 27, 29. May. 5, 6, 10, 12, 17, 19, 23, 25, 27, 31. June. 2, 8, 13, 16, 17, 20, 21, 28, 30. July. 2, 4, 6, 7, 8, 9, 11, 13, 15, 18, 20, 21, 22, 27, 29. Aug. 3, 4, 5, 6, 10, 11, 13, 15, 17, 18, 19, 22, 23, 24, 25, 26, 27, 29, 30, 31. Sep. 1, 9, 26. Oct. 7, 10, 13, 21, 24, 25, 26, 28, 31. Nov. 1, 4, 8, 12

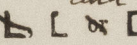


Lloyd's Register Foundation  
Total No. of Visits 105



S.S. "LARISTAN"

SUNDERLAND RPT. No. 29559

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. Diam. Speng.	Spacing of Rivets on each side of Transverses and Bulkheads. Inches.	Rivets in Brackets to Bulkheads. Number.						
		Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.			Diameter.	Inches.					
Framing of  and  .....					<i>Re plan</i>						<i>Re plan</i>											
Frames in Bridge 'tween Decks ...		16	3 1/2	40	16	3 1/2	40	16	3	38	16	3	38	3/4	4 1/2							
Frames from Uppermost Continuous Deck		9	3 1/2	39	9	3 1/2	40	9	3 1/2	40	9	3 1/2	40	7/8	5 1/4	4 dias	1/8					
No. 1																						
" 2																						
" 3		10	3 1/2	49	10	3 1/2	40	10 1/2	3 1/2	44	10 1/2	3 1/2	44			4 dias	1/8					
" 4		11	3 1/2	43	11	3 1/2	40	11	3 1/2	44	11	3 1/2	44									
" 5		11	3 1/2	48	11	3 1/2	48	11	3 1/2	56	11	3 1/2	56		4 1/2 dias	10 Rivets.						
" 6		12	3 1/2	45	12	3 1/2	46	12	3 1/2	50	12	3 1/2	50			4 dias	1/8					
" 7				48			42	12	3 1/2	59			44									
" 8				54			49	12	3 1/2	60			44									
" 9				60			51			60			44		3 1/2							
" 10				64			55			60			44			4 dias	1/8					
Ch 11		15	4	4	15	4	4	15	4	4	15	4	4									
" 12		19	4	8	19	4	8	19	4	8	19	4	8									
" 13		4	3 1/2	56	4	3 1/2	56	4	3 1/2	56	4	3 1/2	56									
" 14		3 1/2	3 1/2	48	3 1/2	3 1/2	48	3 1/2	3 1/2	48	3 1/2	3 1/2	48									
" 20		14	4	4	14	4	4	14	4	4	14	4	4			4 dias	1/8					
Spacing of Longitudinal Frames		30			30			30			30											
Double Bottoms																						
Tank Top Longitudinals																						
Bottom																						
Spacing of Longitudinals																						
Transverses.																						
In Bridge		24	6	21	24	6	21	24	6	21	24	6	21									
Face Angles		Flanged 3"			Flanged 3"			Flanged 3"			Flanged 3"											
Lugs to Shell*		3 1/2	3 1/2	40	3 1/2	3 1/2	40	3 1/2	3 1/2	40	3 1/2	3 1/2	40	7/8	5 dias	Transverses increased						
In Awning, Shelter or Upper 'tween Decks.		31		40	31		40	31		40	31		40			at ends of vessel as						
Face Angles		3 1/2	3 1/2	40	3 1/2	3 1/2	40	3 1/2	3 1/2	40	3 1/2	3 1/2	40			per approved plans.						
Lugs to Shell*		3 1/2	3 1/2	40	3 1/2	3 1/2	40	3 1/2	3 1/2	40	3 1/2	3 1/2	40	7/8	4 1/2 dias.							
In Hold.		54		46	54		46	54		46	54		46									
Face Angles		7	3 1/2	50	7	3 1/2	50	7	3 1/2	50	7	3 1/2	50									
Lugs to Shell*		6	6	46	6	6	46	6	6	46	6	6	46	7/8	4 1/2 dias.							
Brackets		back line at 1/2" (see letter)																				
Spacing of Transverse Frames		9'-0" and 12'-0" Centre span.																				
* State if joggled or liners.		Lugs to shell joggled.																				
Longitudinal Beams of 	Bridge Deck	6	3	32	6	3	32	6	3	32	6	3	32	2'-9"								
	Awg. or Shltr. Dk.																					
	Upper	8	3 1/2	56	8	3 1/2	56	8 1/2	3	42	8 1/2	3	42	2'-9"								
	Second	9	3 1/2	50	9	3 1/2	50	9 1/2	3 1/2	44	9 1/2	3 1/2	44	2'-9"								
	Third																					
Transverse Beams		12	4	40	12	4	40	12	4	40	12	4	40	5	3 1/2	42	12	4	40	5	3 1/2	42
		18 1/2	4	40	18 1/2	4	40	18 1/2	4	40	18 1/2	4	40	Flanged.								
		22	4	42	22	4	42	22	4	42	22	4	42	6	3 1/2	62	22	4	42	6	3 1/2	62

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.