

STEEL STEAMER or MOTORSHIP.

Received at London Office 18 NOV 1929

State if Report has been sent on the Freeboard of the Vessel *no*State if Report is sent on the Machinery of the Vessel *yes*Date of completion of report *16th Nov. 1929*Port of *NEWCASTLE-ON-TYNE*No. *84958*Survey held at *South Shields*Date First Survey *25 Jan*Last Survey *15th Nov 1929*On the *(State if Machinery fitted Aft and* *Twin Screw motor WATER-TANK-BARGE. No. 17*State Type *(Full Scantling, Complete Superstructure with or without Tonnage Openings)*State Type of Erections *Hulk deck*TONNAGE under
Tonnage Deck...CLASS *100 A. Water Tank Barge*State if with freeboard
as condition of Class

FEET.

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) *L 60'-0"*Breadth (greatest moulded) *B 18'-0"*Depth at middle of length from top of keel to top
of beam at side of uppermost continuous
deck. See Sec. 3 (1c) *D 8'-0"*

Total

Gross Tonnage *68*

Register Tonnage

1st Longitudinal Number (L x D) =

2nd Numeral L x (B + D) =

Framing Depth "d," at middle of length. See
Sec. 3 (1d)Proportions—Depth to Length—Uppermost con-
tinuous deck to top of keelDo. Long Bridge to top
of keelDraught Moulded *MEAN 6'-4"*Built at *South Shields*Launched *10th Sept 29* Yard No. *501*Builders *W & E. Hill Ltd Tyne Dock & South Shields*Owners *The Constantinople Port Authority*Managers *see list att.*

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

Residence

Port of Registry

If surveyed while building, afloat, or in dry dock

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>12</i>		Bracket Floors, Frame		
" " from $\frac{1}{2}$ length to Collision bulkhead	<i>do</i>		" " Reversed Frame		
" " in peaks	<i>do</i>		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, <i>E or F</i>	<i>3 1/2 2 1/2 1/4</i>		" " top Angles		
" " Extends up to <i>Deck</i>			" " bottom Angles		
<i>on floor</i> Reversed Frame Amidships, Angle	<i>2 1/2 2 1/2 1/4</i>		Side Girders, No. each side and thickness		
" " Extends up to <i>across floor</i>			Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	<i>3 1/2</i>		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, [or]			" " Vertical Angle to Tank side Bracket forward $\frac{1}{4}$ len. from stem		
" " Second 'tween Decks, Angle, [or]			" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem		
" " Third " " "			" " Gussets, spacing and scantling forward $\frac{1}{4}$ len. from stem		
Framing in Peaks, Angle or F	<i>3 1/2 2 1/2 1/4</i>		Tank Side Brackets, height above base line at toe of Frame and thickness		
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	<i>5/8 - 7 dia</i>		INNER BOTTOM PLATING.		
State if Frame Joggled	<i>no.</i>		Breadth and thickness of Middle Line Strake		
PANTING ARRANGEMENTS (Sec. 7), state system and particulars			Thickness of remainder in Holds		
STRENGTHENING OF BOTTOM FOR- WARD. State Particulars			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?		
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	<i>8 1/4</i>		Uppermost Continuous Deck, amidships	<i>4 3 3/8</i>	
Height of Brackets at side above base line at toe of frame	<i>on alt. frame</i>		" " in Wells, Angle, <i>E or F</i>		
Middle Line Keelson, on Floors, Angles,	<i>3 3 3/8</i>		" " in way of Bridge, Angle, <i>E or F</i>		
" " " Through Plate or Intercostal Plate	<i>double</i>		Spacing	<i>12</i>	
" " " Foundation Plate on Floors			Second Deck, amidships, Angle, [or]		
" " " Flat Plate Keel Angles			Spacing		
Side Keelsons, No. each side	<i>one</i>		Third Deck, amidships, Angle, [or]		
" " thickness of Intercostal Plate			Spacing		
" " Angles	<i>3 3 5/16</i>		Fourth Deck, amidships, Angle, [or]		
Spacing			Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, [or]		
Solid Floors, thickness and spacing			Spacing		
" " Are Frame and Reversed Frame joggled?			Bridge Deck, Angle, [or]		
Bracket 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>wing bulkhead</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				
Fore-cast Centre-Line Bulkhead.					Third Deck.				
Stiffeners and Spacing.....	3	2½	5/16	<i>on alt. frames</i>	Stringer Plate, breadth and thickness.....				
Plating, thickness of		5/16			If Plated, state thickness.....				
STRINGERS AND DECKS.					Fourth Deck.				
Uppermost Continuous Deck.					Stringer Plate, breadth and thickness.....				
Stringer Plate, breadth and thickness in Wells	48	5/16			If Plated, state thickness				
„ „ „ „ in way of Bridge	—				Poop Deck.				
„ Angle in Wells	3	3	30		Stringer Plate, breadth and thickness				
Thickness of Plating abreast Deck openings in way of Wells	—				Plating, Sheathing, material and thickness ...				
Thickness of Plating abreast Deck openings in way of Bridge	5/16			4	Bridge Deck.				
Thickness of Plating within line of openings...	5/16				Stringer Plate, breadth and thickness.....				
If Sheathed, material and thickness	2" P.P. in way of Crews Space				Plating, Sheathing, material and thickness ...				
Second Deck.					Forecastle Deck.				
Stringer Plate, breadth and thickness in Wells...	—				Stringer Plate, breadth and thickness				
					Plating, Sheathing, material and thickness ...				

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 or to cr.	
<i>Garboard Strake</i>											
Flat Plate Keel	37½	3/8	3/8	3/8		Double	7/8 2½	2 Rows	5/8	27	<i>lapped</i>
„ DELG. (if any)			—			5 in bar Keel	3/4 3¾				
BOTTOM PLATING, No. of Strakes	54	5/16	5/16	5/16		Double	7/8 2½	„	„	„	„
BILGE PLATING, No. of Strakes	48	5/16	5/16	5/16		„	„	„	„	„	„
SIDE PLATING, No. of Strakes	48	5/16	5/16	5/16		„	„	„	„	„	„
UPPER DECK, Sheer-strake in Wells.....	33	3/8	3/8	3/8		„	„	„	„	„	„
UPPER DECK, Sheer-strake in Bridge ...											
STRAKE BELOW Sheer-strake in Wells.....											
STRAKE BELOW Sheer-strake in Bridge ...											
POOP SIDE PLATING											
BRIDGE SIDE PLATING ...											
FORECASTLE SIDE PLATING											

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—						
Extending to Upper Deck (Sec. 3 c)		5				
„ Deck next below		—				
As per Rule		—				
		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings. Spacing.		Scantlings. Spacing.	
MIDSHIP BULKHD, Upper tween decks						
”	”	Second	”			
”	”	Third	”			
”	”	Holds	5/16	3. 2 1/2. 5/16	15.	6. 3. 30. 89 ^{Half} Hr.
COLLISION	”	(in Hold)	5/16	3. 2 1/2. 5/16	15.	—
AFTER PEAK	”	”		(ea letter)		

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	<i>Rolled bar</i>	5 x ¾	<i>Bolekov Vaughan</i>	
STEM	<i>do</i>	4 x ¾	<i>do</i>	
STERN FRAME { <i>Propeller Post</i>				
{ <i>Rudder</i> „	<i>Forged</i>	4 x ¾	<i>Hugell Forge & Eng Co</i>	
RUDDER—A x D	26.17.		<i>Stockton</i>	
Speed of Vessel	7 knots			
RUDDER mainpiece at head ...	<i>Forging</i>	34	<i>do</i>	
„ „ heel ...		2¾		
„ how constructed	<i>Single plate forged arms shrunk on</i>			
„ double or single plate coupling, vertical or horizontal		76.		
	<i>no coupling</i>			

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)

Cassell Iron Co Ltd. Bolekov Vaughan & Co Ltd

Has the Steel been tested as required by the Rules?

Yes.

Owners EQUIPMENT No. LETTER 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.

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.

Steering Gear, Steam Steering Gear, Hand Boats Steering Chains, Size and Test Windlass Hand: Ceiling in Holds, thickness and material Cargo Battens, thickness, material and spacing.
CARGO HATCHWAYS.-(Upper Deck) Thickness of Hatches Size of No. 1 Hatchways (Forward) Number of Shifting Beams and/or Fore and Afters

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo.
This vessel has been built in accordance with the approved plans, the Committee's instructions & the Society's rules. The water tanks, fore and after peaks have been tested as per rule, and the shell & decks have been tested & flooded. The hand pump tried. Windlass & Steering gear tried. The workmanship & material are good, and to my satisfaction. Forging reports are forwarded herewith.

The amount of Entry Fee Special Survey Fee Travelling Expenses, if any State whether the Vessel has been built under Special Survey Certificate to be sent to Date of issue
Fees applied for, Received by me, I am of opinion the Vessel should be Classed Water Tank Barge Signature Surveyor to Lloyd's Register of Shipping.

Committee's Minute Character assigned
TUE. 19 NOV 1929
Water Tank Barge
Oil Engines
Lloyd's Register Foundation

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 3.0.11: H.G.: 91018: 10/8/29.
2nd " 2.1.26: H.G. 91020: 10/8/29.
3rd "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒ ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *Flush deck*

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

Official No. ; Signal Letters Is bottom of Vessel coated with cement *no* if not give particulars of composition *Walls done Bitumastic solution enamel.*

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,			Deep tank, <i>amidside</i>	22	80
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted, <i>Framing Tanks</i>	4	12
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. *5328*

Date *14.3.29.*

Dates of Surveys held while building

1929 Jan. 25. 28. Feb. 12. 18. 19. 25. Mar. 6. 11. 14. 15. 20. 22. Apr. 9. 24. 26. May 7. 21. June 13. 20. July 1. 10. 12. 15. 25. Aug. 8. 9. 15. Sept. 6. 9. 10. 25. 27. 28. 30. Oct. 4. 5. 10. 11. 31. Nov. 6. 15.

Total No. of Visits *41*