

## STEEL STEAMER or MOTORSHIP

21 JUN 1930

Received at London Office

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

14<sup>th</sup> June 1930

Port of

HULL

No.

40935

Survey held at

Beverley &amp; Hull

Date First Survey

20 Feb'y

Last Survey

11 June 1930

On the

(State if Machinery fitted Aft and (if Single, Twin or Triple Screw)

Single screw hatch

KINGSTON CYANITE

having machinery aft.

State Type

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

Steam hauler

State Type of Erections

M.D.H. &amp; F.C.

TONNAGE under Tonnage Deck

322.28

CLASS

100A1

State if with freeboard as condition of Class

no

Built at

Beverley

Do. of space or spaces between Tonnage Dk. and Upper Dk.

322.28

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)

L 140.0

Total

322.28

Breadth (greatest moulded)

B 24.5

Gross Tonnage

365.42

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

D 14.25

Register Tonnage

149.05

1st Longitudinal Number (L x D)

= 1995

2nd Numeral L x (B + D)

= 5425

Managers

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

Residence St. Andrew's Dock, Hull.

Port of Registry

Hull

If surveyed while building, afloat, or in dry dock

B. &amp; A.

## REGISTERED DIMENSIONS.

FEET.

Length

140.3

Breadth

24.65

Depth

13.35

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

9.8

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

Do. Long Bridge to top of keel

Draught Moulded

## 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>	20 20 21		<b>Bracket Floors, Frame</b>		
" " from length to Collision bulkhead	16		" " Reversed Frame		
" " in peaks	16 4 20		" " Vertical Struts		
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>		
Frame Amidships, Angle, $\angle$ or $\angle$	5 3 8/20		" " top Angles		
" " Extends up to	deck		" " bottom Angles		
Reversed Frame Amidships, Angle	3 3 38		<b>Side Girders, No. each side and thickness</b>		
" " Extends up to	across floor		<b>Margin Plate depth (excl. of flange) and thickness</b>		
Depth of Framing Girder	Where no cement.		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, $\angle$ or $\angle$			" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem		
" " Second 'tween Decks, Angle, $\angle$ or $\angle$			" " Gussets, spacing and scantling abaft 1/4 len. from stem		
" " Third " " " "			" " Gussets, spacing and scantling forward 1/4 len. from stem		
Framing in Peaks, Angle or $\angle$	5 3 8/20		<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 5/4		<b>INNER BOTTOM PLATING.</b>		
State if Frame Joggled	no		Breadth and thickness of Middle Line Strake		
<b>PANTING ARRANGEMENTS</b> (Sec. 7, state system and particulars)	12 Lower deck beams & stringer. Closer frame space & rivetting.		Thickness of remainder in Holds		
<b>STRENGTHENING OF BOTTOM FORWARD.</b> 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?		
<b>SINGLE BOTTOM.</b>			<b>BEAMS.</b>		
Floors, Depth and thickness at mid-line in Holds	18 38		Uppermost Continuous Deck, amidships in Wells, Angle, $\angle$ or $\angle$	6 3 9/20	
Height of Brackets at side above base line at toe of frame	Flat topped		" " in way of Bridge, Angle, $\angle$ or $\angle$		
Middle Line Keelson, on Floors, Angles	8 3 1/2 44		Spacing	alt frames	
" " Through Plate or Intercoastal Plate			<b>Second Deck, amidships, Angle, <math>\angle</math> or <math>\angle</math></b>		
" " Foundation Plate on Floors			Spacing		
" " Flat Plate Keel Angles			<b>Third Deck, amidships, Angle, <math>\angle</math> or <math>\angle</math></b>		
Side Keelsons, No. each side	5 4 42		Spacing		
" " thickness of Intercoastal Plate	none		<b>Fourth Deck, amidships, Angle, <math>\angle</math> or <math>\angle</math></b>		
" " Angle of Side Stringer	5 4 8/20		Spacing		
<b>DOUBLE BOTTOM.</b>			<b>Poop Deck, Angle, <math>\angle</math> or <math>\angle</math></b>		
Solid Floors, thickness and spacing			Spacing		
" " Are Frame and Reversed Frame joggled?			<b>Bridge Deck, Angle, <math>\angle</math> or <math>\angle</math></b>		
Bracket Floors, breadth and thickness at middle line			Spacing		
" " breadth and thickness at margin plate			<b>Forecastle Deck, Angle, <math>\angle</math> or <math>\angle</math></b>	4 3 38	
			Spacing	30	



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>	1		<b>Stringer Plate, breadth and thickness in way of Bridge .....</b>		
" " " " " "			<b>Thickness of Plating abreast Deck openings in way of Wells .....</b>		
" " " " " "			<b>Thickness of Plating abreast Deck openings in way of Bridge .....</b>		
" " " " " "			<b>Thickness of Plating within line of openings..</b>		
" " " " " "			<b>If Sheathed, material and thickness .....</b>		
<b>Centre Line Bulkhead.</b>			<b>Third Deck.</b>		
<b>Stiffeners and Spacing.....</b>			<b>Stringer Plate, breadth and thickness.....</b>		
<b>Plating, thickness of .....</b>			<b>If Plated, state thickness.....</b>		
<b>STRINGERS AND DECKS.</b>			<b>Fourth Deck.</b>		
<b>Uppermost Continuous Deck.</b>			<b>Stringer Plate, breadth and thickness.....</b>		
<b>Stringer Plate, breadth and thickness in Wells</b>	28 1/16		<b>If Plated, state thickness .....</b>		
" " " " " in way of Bridge	9 7/8 5 1/16		<b>Poop Deck.</b>		
" " " " " Angle in Wells	16 9 3 3/8		<b>Stringer Plate, breadth and thickness .....</b>		
<b>Thickness of Plating abreast Deck openings in way of Wells .....</b>	10 6/16		<b>Plating, Sheathing, material and thickness ...</b>		
<b>Thickness of Plating abreast Deck openings in way of Bridge E &amp; A .....</b>	5/16 4 6/16		<b>Bridge Deck.</b>		
<b>Thickness of Plating within line of openings...</b>	5/16 4 7/16		<b>Stringer Plate, breadth and thickness.....</b>		
<b>If Sheathed, material and thickness .....</b>	3 P.P.		<b>Plating, Sheathing, material and thickness ...</b>		
<b>Second Deck.</b>			<b>Forecastle Deck. Whaleback</b>		
<b>Stringer Plate, breadth and thickness in Wells...</b>	✓		<b>Stringer Plate, breadth and thickness.....</b>	31	
			<b>Plating, Sheathing, material and thickness ...</b>	31	

[illegible]

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

Extending to Upper Deck (Sec. 3 c)	4
" Deck next below	✓
As per Rule	3

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar .....	rolled	8x2	Fordingham	
STEM .....	"	"	"	
STERN FRAME {	Propeller Post	F.S.S.	6x3 1/4	Emerson,
	Rudder "	"	"	Walker.
RUDDER—AxD.....		4.5x2.13 =	90	
Speed of Vessel.....		under 12	Knots	
RUDDER mainpiece at head	F.S.S.K	5 1/2	Emerson,	
" " heel ...	"	4x3	Walker.	
" how constructed .....		Stock, Bolt Arms in one	piece.	
" double or single plate		30		
" coupling, vertical or		horne		
" horizontal.....				

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Open hearth process.*  
*Consett Iron Co., Lim. South Durham Steel & Iron Co., Lim. — Cargo Fleet Iron Co., Lim.*  
*Frodingham Iron & Steel Co., Lim.*

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

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK	WEIGHT OF STOCK.	TEST, PER CERTIFICATE.	WEIGHT REQUIRED BY TABLE.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Ow. qrs. lbs.	Ow. qrs. lbs.	Tons. cws. qrs. lbs.	Ow. qrs. lbs.			
63434	1st Bower	8 7 14	none	10 12 2 0	8 1/4	Breadmought	Taylor	Hydra 22-5-30 Dyreedale
63436	2nd "	7 3 7	"	9 18 0 14	7 1/2	"	"	" " "
	3rd "							
	Collective weight.	16 1 3			15 7/8			
63583	Stream	3 1 14	3 14	5 16 2 7	3 1/4	Ordinary	"	" 12-4-30 "

Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size per Table 63.		Description.	Makers of Cable.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 63.	
	Length.	Diam.	Tons.	Breaking Tons.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.
65/06	140 $\frac{1}{2}$	1 $\frac{7}{8}$	23 $\frac{3}{4}$	34 $\frac{1}{8}$	79-0-17	77-3-24	120	1 $\frac{7}{8}$	Strand Cable	S. Taylor & Sons Ed. Brierley Hill	Tipton 3-4-30 Expendable	TOWLINE HAWKES & WARPS	Fathoms. Ins.	Inch. Tons.	Fathoms. Ins.	Inch. Tons.	
Iron Straps Chain or Steel Wire	✓	Oir.						Oir.					60	6	60	6	
													60	5	60	5	
													✓				

Steering Gear, Steam *Gammell & Frow's Steam & Hand.* Steering Gear, Hand *killer for relieving tackle.*  
Boats *2 wooden cutters* Steering Chains, Size and Test *7/8* Windlass *Gammell, Frow's comb'd*  
Ceiling in Holds, thickness and material *3" oak + 2 1/4" P.P.* Cargo Battens, thickness, material and spacing *2" P.P. close lining*  
Cargo Hatchways.—(Upper Deck) *Steel plate coamings.* Thickness of Hatches *3"*  
Size of No. 1 Hatchway (Forward) *2'-5" x 3'-1"* No. 2 *3'-5" x 3'-1"* No. 3 *3'-5" x 3'-1"* No. 4 *3'-5" x 3'-1"* No. 5 *4'-0" x 3'-1"* No. 6 *✓*  
Number of Shifting Beams and/or Fore and Afters *None*

Alfred P. Lissau  
Secretary & Director.

104 20

5 3 1/2  
deck  
5 3 3/8  
Below Deck  
Laid in cement.

5 3 1/2  
3/4 - Laid open beneath upper steel  
" " " " " "  
" " " " " "

B. 26

The amount of Entry Fee ..... £ 3 : 0 : 0 Fees applied for,  
Special Survey Fee.... £ 36 : 10 : 0 19 June 1930. *am*  
Received by me,  
Travelling Expenses, if any £ : 5 : 5 17 1930  
State whether the Vessel has been built under Special Survey *yes*  
Certificate to be sent to *Well.* Date of issue *14/7/30*  
I am of opinion the Vessel should be Classed *100 A1*  
*Steam Bawler*  
Signature *J. Semarost*  
Surveyor to Lloyd's Register of Shipping.

Committee's Minute, FRI. 27 JUN 1930  
Character assigned +100A1  
Steam Trawler  
Lloyd's A & C.P.  
+ L.M.C. 6, 30  
C.L.



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.)

This hauler has been built in accordance with the approved plans, with the Secretary's Letters & otherwise with the Society's Rules. The material & workmanship are satisfactory. The two peaks, the after watertight flat, decks, gullerways, casings & hand pumps have been tested. The watertight door, steering gear and windlass have been tried.

The approved plans are  
Hullship Section Profile and Deck.  
Stern frame & Rudder Pumping Arrangement.

The launch of this vessel was witnessed and was apparently satisfactory.  
Sister vessels are — No. 540 Kingston Coal Report No. 40842.

" 539 " Olivine " " 40742.  
The plans are in London, not having been returned, as requested, for the completion of this vessel.

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

1st Bower Forged open hearth ingot steel.  
2nd " " " " "  
3rd " " Wrought iron.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop  $\frac{1}{4}$  ft., R.Q.D.  $\frac{1}{4}$  ft., Bridge  $\frac{1}{4}$  ft., Forecastle 22 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) 1 Sh.

Official No. 162175; Signal Letters Is bottom of Vessel coated with cement Yes if not give particulars of composition.

#### 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, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
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. 2936

Date 23 Nov/29.

Dates of Surveys held while building

1930.

Feb 20. Mar 10. 18. 24 28. Apr 3. 9. 15. 23. 29. May 2. 8. 14. 15. 16. 20. 26. June 3. 7. 11.

Total No. of Visits 10.

For S.S.O.F. please see "Kingston Olivine", F.E. Rep. Bul No 40742