

STEEL STEAMER ~~OR MOTORSHIP~~

Received at London Office 31 MAR 1930.

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 *26<sup>th</sup> March 1930*Port of *HULL*No. *40407*Survey held at *Beverley & Hull.*Date First Survey *6 Jan 1930*Last Survey *22 March*19 *30*.

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

*single screw ketch "AVANTURINE"*

having the machinery aft.

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

*Steam hawler.*State Type of Erections *Gr. Sh. & F/C*

TONNAGE under Tonnage Deck...

*269.13*CLASS *100 A1*State if with freeboard as condition of Class *No*Built at *Beverley*

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

Length from fore part of stem to after part of stern post on *DECK* L *128.5*

FEET.

Launched *1-3-30*Yard No. *542*

Total

*269.13*Breadth (greatest moulded) B *23.87*

FEET.

Builders *Cook, Welton & Gummell, Ltd.*

Gross Tonnage

*296.35*Depth, at middle of length from top of keel to top of beam at side of *deck* D *13.75*

FEET.

Owners *Kingston Shm. Trawl. Co., Ltd.*

Register Tonnage

*129.69*1st Longitudinal Number (L x D) = *1767*

FEET.

Managers *✓*

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

2nd Numerical L x (B + D) = *4804*

## REGISTERED DIMENSIONS.

FEET.

*128.9**24.0**12.95*Framing Depth "d," at middle of length. See Sec. 3 (1d) *✓*Proportions—Depth to Length—Uppermost *9.35*Do. Long Bridge to top of keel *✓*Draught Moulded *✓*Residence *Hull*Port of Registry *Hull*

If surveyed while building, afloat, or in dry dock

*b.d.a.*

## 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>S, Spacing amidships</b> <i>12</i>	<i>19 20 21</i>		<b>Bracket Floors, Frame</b>		
" from length to Collision bulkhead	<i>18</i>		" " Reversed Frame		
" in peaks	<i>18 &amp; 20</i>		" " Vertical Struts		
<b>FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>		
<b>Amidships, Angle</b> <i>4 1/2 3 40</i>			" " top Angles		
" Extends up to <i>deck</i>			" " bottom Angles		
<b>Side Frame Amidships, Angle</b> <i>3 3 36</i>			<b>Side Girders, No. each side and thickness</b>		
" Extends up to <i>across floors</i>			<b>Margin Plate</b> depth (excl. of flange) and thickness		
<b>of Framing Girder</b> <i>where no concrete.</i>			" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem		
<b>in Uppermost Continuous 'tween Decks, Angle, [ or ]</b>			" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem		
" <b>Second 'tween Decks, Angle, [ or ]</b>			" " Gussets, spacing and scantling abaft 1/2 len. from stem		
" <b>Third " " "</b>			" " Gussets, spacing and scantling forward 1/2 len. from stem		
<b>in Peaks, Angle</b> <i>4 1/2 3 40</i>			<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>		
<b>ter and Spacing of Rivets through Frame and Shell Plating amidships</b> <i>3/4 5/4</i>			<b>INNER BOTTOM PLATING.</b>		
<b>Frame Joggled</b> <i>No</i>			Breadth and thickness of Middle Line Strake		
<b>ARRANGEMENTS (Sec. 7), state system and particulars</b> <i>Closer frame spacing &amp; strutting. Lower deck beams &amp; stringers.</i>			Thickness of remainder in Holds		
<b>THENING OF BOTTOM FOR- ED. State Particulars</b>			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>BOTTOM.</b>			<b>BEAMS.</b>		
Depth and thickness at mid-line in Holds <i>1 1/2 36</i>			<b>Uppermost Continuous Deck, amidships</b> <i>6 3 3/8</i>		
Height of Brackets at side above base line at toe of frame <i>flat topped</i>			" " in way of Bridge, Angle, [ or ]		
<b>Line Keelson, on Floors, Angles</b> <i>2 3 1/2 40 6 1/2 3 1/2 40</i>			Spacing <i>alt. frames</i>		
" " Through Plate or Intercostal Plate			<b>Second Deck, amidships, Angle, [ or ]</b>		
" " Foundation Plate on Floors			Spacing		
" " Flat Plate Keel Angles			<b>Third Deck, amidships, Angle, [ or ]</b>		
<b>Keelsons, No. each side</b> <i>5 4 42</i>			Spacing		
" thickness of Intercostal Plate <i>none</i>			<b>Fourth Deck, amidships, Angle, [ or ]</b>		
" Angle <i>1 side stringers</i> <i>5 4 8/30</i>			Spacing		
<b>BOTTOM.</b>			<b>Poop Deck, Angle, [ or ]</b>		
Floors, thickness and spacing			Spacing		
" " Are Frame and Reversed Frame joggled?			<b>Bridge Deck, Angle, [ or ]</b>		
<b>Bracket Floors, breadth and thickness at middle line</b>			Spacing		
" breadth and thickness at margin plate			<b>Forecastle Deck, Angle, [ or ]</b> <i>Whaleback 4 3 3/8</i>		
			Spacing <i>30</i>		

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# 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</b> , No. of Rows.....	1			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    "    "	3 or built			Thickness of Plating within line of openings...			
"    "    "    "    "	equivalent			If Sheathed, material and thickness .....			
<b>Centre Line Bulkhead.</b>				<b>Third Deck.</b>			
Stiffeners and Spacing.....				Stringer Plate, breadth and thickness.....			
Plating, thickness of .....				If Plated, state thickness.....			
<b>STRINGERS AND DECKS.</b>				<b>Fourth Deck.</b>			
<b>Uppermost Continuous Deck.</b>				Stringer Plate, breadth and thickness.....			
Stringer Plate, breadth and thickness in Wells	27	36		If Plated, state thickness .....			
"    "    "    "    in way of Bridge	✓			<b>Poop Deck.</b>			
"    Angle in Wells .....	3	3 36		Stringer Plate, breadth and thickness .....			
Thickness of Plating abreast Deck openings in way of Wells .....	10	36		Plating, Sheathing, material and thickness ...			
Thickness of Plating abreast Deck openings in way of Bridge <b>E. &amp; B.</b> .....		30		<b>Bridge Deck.</b>			
Thickness of Plating within line of openings...	30	7/16		Stringer Plate, breadth and thickness.....			
If Sheathed, material and thickness .....	3	P.P.		Plating, Sheathing, material and thickness ...			
<b>Second Deck.</b>				<b>Forecastle Deck.</b>			
Stringer Plate, breadth and thickness in Wells...	✓			Stringer Plate, breadth and thickness.....	31		
				Plating, Sheathing, material and thickness ...	31		

## SHELL PLATING.

SCANTLINGS.						RIVETING.					
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?		RIVETS.		No. of Rows of Rivets.	
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.	RIVETS.	Diam.	Spacing cr. to cr.	Diam.	Spacing cr. to cr.
	Inches.	Inches.	Inches.	Inches.				Inches.	Inches.	Inches.	Inches.
A <del>FLAT PLATE KEEL</del> .....	32	7/16	7/16	7/16		Double	1	5	double	3/4	2 5/8
B " <del>Deck (if any)</del> .....	50	6/16	6/16	6/16		"	3/4		"	"	"
C BOTTOM PLATING, No. of Strakes .....	48	6/16	6/16	6/16		"	"		"	"	"
D BILGE PLATING, No. of Strakes .....	47	6/16	6/16	6/16		"	"		"	"	straps
E SIDE PLATING, No. of Strakes .....	42	7/16	6/16	6/16		"	"		"	"	laps
F <del>UPPER DECK, Sheer-strake in Wells</del> .....	50	6/16	6/16	6/16		"	"		"	"	"
G <del>UPPER DECK, Sheer-strake in Bridge</del> .....	42	10/16	8/16	8/16		"	"		"	"	straps
STRAKE BELOW Sheer-strake in Wells.....		10/20	see Dir								
STRAKE BELOW Sheer-strake in Bridge ...											
POOP SIDE PLATING .....											
BRIDGE SIDE PLATING ...											
FORECASTLE SIDE PLATING			31								

## WATERTIGHT BULKHEADS.

## FORGINGS and CASTINGS.

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

Extending to Upper Deck (Sec. 3 c) 4

    "    Deck next below ✓

As per Rule 3

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
<b>MIDSHIP BULKHEAD</b> , Upper tween decks					
"    "    Second    "					
"    "    Third    "					
"    "    Holds .....		28	6x3x32	30	3x3x3/8 48
<b>COLLISION</b> "    (in Hold) .....		30	5x3x3/8 24		none
<b>AFTER PEAK</b> "    "    .....		26x38	5x3x3/8 24		"

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL</b> , Bar .....	rolled	8x2	Frodingham	
<b>STEM</b> .....	"	"	"	
<b>STERN FRAME</b> { Propeller Post .....	F.S.H.	6x3	Forster	
{ Rudder .....	"	"	"	
<b>RUDDER—AxD</b> .....		39.36x1.926	= 75.8	
<b>Speed of Vessel</b> .....		under 10 knots		
<b>RUDDER</b> mainpiece at head ...	F.S.H.	5	Forster	
"    "    heel ...	"	3 1/2 x 3	"	
"    how constructed .....		Stock, bow & arms in one piece		
"    double or single plate coupling, vertical or horizontal .....		28		

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Appleby Iron Co., Lim.—Consell Iron Co., Lim.—Frodingham Iron & Steel Co., Lim.—Cargis Fleet Iron Co., Lim.—

Has the Steel been tested as required by the Rules? yes.

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EQUIPMENT NO. <u>4834</u>												LETTER <u>N</u>		ANCHORS.				
Number of Certificate.	Anchor.	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.						
<u>63387</u>	1st Bower	7	1	14	none			10	10	0	0	7 1/2	Shednought	Taylor	Tipton	26-2-30.	Leeson	
<u>63386</u>	2nd "	7	2	17	"			9	15	3	21	7	"	"	"	"	"	"
	3rd "																	
	Collective weight.	16	0	3								15 1/2						
<u>63388</u>	Stream	3	1	10	3	14	5	16	2	7		3	ordinary	"	"	"	"	"

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.	Statutory.	Breaking.	Supplied.		Per Rule.		Length.	Diam.					Length.	Cir.		Tons.	Fathoms.
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
65563	120 1/2	1 1/8	22 3/4	34 1/8	79-1-17			77-3-12	120	1 1/8	stud	S. Taylor	Tipton 23-1-30	TOWLINE...					
											link	4 Sons	Drysdale	HAWSERS & WARPS	60	5 1/2		60	5 1/2
														"	60	5		60	5
Iron Stream Chain or Steel Wire	✓													"	✓				

Steering Gear, Steam *Gammell & Thomas' comb'd with hand* Steering Gear, Hand *killer for relieving tackles*  
Boats *1 wooden cutter* Steering Chains, Size and Test *7/8* Windlass *Q.P.S. comb'd. 4 hand*  
Ceiling in Holds, thickness and material *Concrete & 2 1/4 P.P.* Cargo Battens, thickness, material and spacing *2 R.P. close lined*  
Cargo Hatchways.—(Upper Deck) *Steel plate coamings* Thickness of Hatches *3"*  
Size of No. 1 Hatchway (Forward) *2'9" x 3'1"* No. 2 *3'6" x 3'1"* No. 3 *3'6" x 3'1"* No. 4 *3'4" x 3'1"* No. 5 ✓ No. 6 ✓  
Number of Shifting Beams and/or Fore and Afters *none*

COOK, WELTON & GEMMELL, LTD.,

Builder's Signature

*Alfred J. Twiss*  
Secretary & Director

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel an oil tanker, is fitted for carrying oil as cargo The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

The amount of Entry Fee ..... £ *3 : 0 : 0* Fees applied for, *29 Mar 1930*  
Special Survey Fee.... £ *29 : 12 : 0* Received by me, *11/4/30*  
Travelling Expenses, if any £ *: 2 : 2*

I am of opinion the Vessel should be Classed *100 A1*

*Steam hauler*

State whether the Vessel has been built under Special Survey *yes*

Signature

*O. J. Semarest*  
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *Self* Date of issue *25/4/30*

Committee's Minute

TUE. 1 APR 1930

Character assigned

*+ 100 A1*

*Steam trawler*

*Lloyd's arch. + Lmb. 3.30*  
*Elec. Lt.*

*My*



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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.)

This hawler has been built in accordance with the approved plans, with the Secretary's letters and otherwise with the Society's Rules. The material and workmanship are satisfactory. The two peaks, the watertight flat aft, gutterways, casings & hand pumps have been tested.

The approved plans are—

Midship Section—

Profile & Deck.

Stern Frame & Rudder

Pumping Arrangement.

The launch of this vessel was not witnessed, owing to the early hour at which it took place.

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 ☒ ft., R.Q.D.  $\frac{7}{8}$  ft., Bridge ☒ ft., Forecastle 20 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 Dh.

Official No. 160884 ; Signal Letters

Is bottom of Vessel coated with cement ☒ yes if not give

#### 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,		
			(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. 2944

Date

1<sup>st</sup> Jan 1930.

Dates of Surveys held while building

1930. Jan 6. 13. 20. 23. 28 Feb 4. 10. 20. 24. Mar 6. 10. 20. 22.

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Total No. of Visits 13