

STEEL STEAMER or MOTORSHIP.

Received at London Office 9 MAR 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 *24-2-29*Port of *HULL*Survey held at *Beverley & Hull*Date First Survey *23 Oct/28*Last Survey *25 Feb'y*No. *39676*

1929.

On the *Single Screw Tug*State Type *Steam Trawler*State Type of Erections *Gr. Sh. & Fc.*TONNAGE under Tonnage Deck... *311.37*CLASS *100A*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 summer L.W.L. See Sec. 3 (1a) *L 140.0*

FEET.

Launched *28-1-29*Yard No. *514*Total *311.37*Breadth (greatest moulded) *B 23.83*Builders *Cook, Welton & Gummell, Ltd.*Gross Tonnage *351.44*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 13.75*Owners *Kingston Sh. Trawling Co. Ltd.*Register Tonnage *149.85*1st Longitudinal Number (L x D) *= 1925*Managers *✓*

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

2nd Numeral L x (B + D) *= 5267*

REGISTERED DIMENSIONS.

FEET.

Length *140.3*Framing Depth "d," at middle of length. See Sec. 3 (1d) *10.02*Breadth *24.0*Proportions—Depth to Length—Uppermost continuous deck to top of keel *10.02*Depth *12.9*Draught Moulded *✓*Residence *Hull*Port of Registry *Hull*If surveyed while building, afloat, or in dry dock *B. & 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.
FRAMES, Spacing amidships <i>12</i>	<i>20</i>		Bracket Floors, Frame		
" " from <i>1/2</i> length to Collision bulkhead	<i>16 & 20</i>		" " Reversed Frame		
" " in peaks	<i>16 & 20</i>		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, <i>E</i> or <i>F</i>	<i>4 1/2 3 40</i>		" " top Angles		
" " Extends up to <i>deck</i>			" " bottom Angles		
Reversed Frame Amidships, Angle	<i>3 3 37</i>		Side Girders, No. each side and thickness		
" " Extends up to <i>across floor where no cement.</i>			Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	<i>no cement.</i>		" " Vertical Angle to Tank side		
Frames in Uppermost Continuous 'tween Decks, Angle, <i>E</i> or <i>F</i>			Bracket abaft <i>1/2</i> len. from stem		
" " Second 'tween Decks, Angle, <i>E</i> or <i>F</i>			" " Vertical Angle to Tank side		
" " Third " " "			Bracket forward <i>1/2</i> len. from stem		
Framing in Peaks, Angle <i>E</i> or <i>F</i>	<i>4 1/2 3 40</i>		" " Gussets, spacing and scantling abaft <i>1/2</i> len. from stem		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>3/4 5/4</i>		" " Gussets, spacing and scantling forward <i>1/2</i> len. from stem		
State if Frame Joggled	<i>No</i>		Tank Side Brackets, height above base line at toe of Frame and thickness		
PANTING ARRANGEMENTS (Sec. 27), state system and particulars <i>Closer frame spacing, rivetting lower deck stringers & beams, etc.</i>			INNER BOTTOM PLATING.		
STRENGTHENING OF BOTTOM FORWARD. State Particulars			Breadth and thickness of Middle Line Strake		
SINGLE BOTTOM.			Thickness of remainder in Holds		
Floors, Depth and thickness at mid-line in Holds	<i>14 37</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?		
Height of Brackets at side above base line at toe of frame	<i>flat topped</i>		BEAMS.		
Middle Line Keelson, on Floors, Angle, <i>E</i> or <i>F</i>	<i>8 3 1/2 44</i>		Uppermost Continuous Deck, amidships in Wells, Angle, <i>E</i> or <i>F</i>	<i>6 3 9/10</i>	
" " Through Plate or Intercoastal Plate			" " in way of Bridge, Angle, <i>E</i> or <i>F</i>		
" " Foundation Plate on Floors			Spacing	<i>alt. frames</i>	
" " Flat Plate Keel Angles			Second Deck, amidships, Angle, <i>E</i> or <i>F</i>		
Side Keelsons, No. each side <i>one</i>	<i>5 4 42</i>		Spacing		
" " thickness of Intercoastal Plate	<i>none</i>		Third Deck, amidships, Angle, <i>E</i> or <i>F</i>		
" " Angles <i>Side stringers</i>	<i>5 4 8/10</i>		Spacing		
DOUBLE BOTTOM.			Fourth Deck, amidships, Angle, <i>E</i> or <i>F</i>		
Solid Floors, thickness and spacing			Spacing		
" " Are Frame and Reversed Frame joggled?			Poop Deck, Angle, <i>E</i> or <i>F</i>		
Bracket Floors, breadth and thickness at middle line			Spacing		
" " breadth and thickness at margin plate			Bridge Deck, Angle, <i>E</i> or <i>F</i>		
			Spacing		
			Forecastle Deck, Angle, <i>E</i> or <i>F</i>	<i>4 3 38</i>	
			Spacing	<i>30</i>	

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W987-0087/2

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.....	1 or			Stringer Plate, breadth and thickness in way of Bridge			
" " " " " " " " " " " "	<i>Equivalent</i>			Thickness of Plating abreast Deck openings in way of Wells			
" " " " " " " " " " " "				Thickness of Plating abreast Deck openings in way of Bridge			
" " " " " " " " " " " "	3 or Special Built			Thickness of Plating within line of openings..			
" " " " " " " " " " " "	<i>Equivalent.</i>			If Sheathed, material and thickness			
Centre Line Bulkhead,				Third Deck.			
Stiffeners and Spacing.....				Stringer Plate, breadth and thickness.....			
Plating, thickness of				If Plated, state thickness.....			
STRINGERS AND DECKS.				Fourth Deck.			
Uppermost Continuous Deck.				Stringer Plate, breadth and thickness.....			
Stringer Plate, breadth and thickness in Wells	28	3/4		If Plated, state thickness			
" " " " " " " " " " " "				Poop Deck.			
" " " " " " " " " " " "	3	3 3/4		Stringer Plate, breadth and thickness			
" " " " " " " " " " " "	TIE			Plating, Sheathing, material and thickness ...			
Thickness of Plating abreast Deck openings in way of Wells	10	3/4		Bridge Deck.			
Thickness of Plating abreast Deck openings in way of Bridge	5/16			Stringer Plate, breadth and thickness.....			
Thickness of Plating within line of openings..	5/16 & 7/16			Plating, Sheathing, material and thickness ...			
If Sheathed, material and thickness	3	P.P.		Forecastle Deck. <i>Whalebacks</i>			
Second Deck.				Stringer Plate, breadth and thickness.....	.31		
Stringer Plate, breadth and thickness in Wells...	✓			Plating, Sheathing, material and thickness31		

[illegible]

WATERTIGHT BULKHEADS.							
No. of W.T. BULKHEADS in Vessel—							
Extending to Upper Deck (Sec. 3 c)	4						
„ Deck next below	✓						
As per Rule	3						
SHIP BULKHD, Upper tween decks		Plating Thickness.	STIFFENERS.				
			VERTICAL.	HORIZONTAL.			
„ Second „	„	13.0. ✓					
„ Third „	„	<div style="border: 1px solid black; width: 100%; height: 100%; transform: rotate(45deg);"></div>					
„ Holds	„						
„ (in Hold)	„	.28	6'3\"	32. 30	3'3\"	3/8	48
„	„	.28	„	24	none		
„	„	6/16	.26	5'3\"	3 1/2	24	„

FORGINGS and CASTINGS.			
	Casting or Forging.	Scantlings.	Maker's Name.
KEEL, Bar	rolled	8x2	Fordingham.
STEM	"	8x2	"
STERN FRAME	Propeller Post	F.S.I. 6x3 1/4	Forster
	Rudder "	" 6x3 1/4	"
RUDDER—AxD	42.5x	2.13 =	90
Speed of Vessel	Under 12 kts.		
RUDDER mainpiece at head	F.S.I.	5 1/2	Forster
" " heel	"	4x3	"
" how constructed	Stock, Bow Yarns in one piece.		
" double or single plate		3.0	
" coupling, vertical or horizontal	None		

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

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

EQUIPMENT No. 5267										LETTER P		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.			
61724	1st Bower ...	8	1	14	none			10	10	0	0	8 1/4	Groundroplut	Taylor	Tipton 4-12-28 Dunsdale
60950	2nd " ...	7	2	21	"			9	15	3	21	7 1/2	not stated	not stated	" 27-2-28 "
	3rd " ...											3			
	Collective weight.	16	0	7								15 1/4			
61725	Stream	3	1	7	3	10		5	14	1	14	3 1/4	Rodgers	Taylor	" 4-12-28 "

CHAIN CABLES.												HAWSEERS 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.	Statu-tory.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.					Fathoms.	Cir.		Length.	Cir.
64092	120 1/2	1 1/8	22 3/4	34 1/8	19-3-10	17 3/4	120	1 1/8	stud	S. Taylor	Tipton 16-11-28	TOWLINE...	✓				
									link	4 Sons	W.A. Dunsdale	HAWSEERS & WARPS	60	6		60	6
													60	5		60	5
Iron Stream Chain or Steel Wire	✓												✓				

Steering Gear, Steam *Gunnell & F. Comb^d Steam & Hand* Steering Gear, Hand *Killer & Helicorving tackle.*
Boats *2 wooden cutters.* Steering Chains, Size and Test *7/8 private 29-2-2-0* Windlass *G.F. Comb^d Steam & Hand*
Ceiling in Holds, thickness and material *3 oak & 2 1/2 pine.* Cargo Battens, thickness, material and spacing *2" close lined.*
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*

COOK, WELTON & GEMMELL, LTD.,

Builder's Signature

Alfred Lipidale
Secretary & Director

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 The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

4 3 40
deck
3 3 34
horns floor wire
no cement.

The amount of Entry Fee £ *3 : 0 : 0* Fees applied for, *6 March 1929*
Special Survey Fee.... £ *35 : 4 : 0* Received by me, *11/4/29*
Travelling Expenses, if any £ *3.3*
State whether the Vessel has been built under Special Survey *yes*
Certificate to be sent to *Hull* Date of issue *12/4/29*
I am of opinion the Vessel should be Classed *100A1.*
Steam hawler
Signature *G. Demarest*
Surveyor to Lloyd's Register of Shipping.

Committee's Minute *FRL 15 MAR 1929*
Character assigned *100A1*
Steam hawler
Lloyds atcl.
Engine
+ L.M.C. 2.29
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 Hawler has been constructed in accordance with the approved plans, with the Secretary's Letters and otherwise with the Society's Rules. The material & workmanship are satisfactory. The two peaks, the W.T. flat aft, decks, juttoways, casing & hand pumps have been tested.

The approved plans are —
Hindship Section — People & Deck.
Stem Frame & Rudder. Pumping Arrangement.

Sister vessels are —

No. 501 - Amethyst

Report No. 39125

505 - Kingston Jasper

" 39394

506 - Kingston Beryl

" 39417

Please return these approved plans, forwarded herewith, for use in completing other sister vessels.

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 "

do.

3rd "

Forged 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 21 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 St.

Official No. 160824 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,		
			(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. 7883

Date

25-10-28

Dates of Surveys held while building

1928. Oct 23. 30. Nov 6. 13. 28. Dec 5. 13. 18. 28
Feb 5. 22. 28.

1929. Jan 2. 8. 17. 22. 25. 31

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Foundation
Total No. of Visits 18.