

# STEEL STEAMER ~~or~~ MOTORSHIP

Received at London Office 16 JUL 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 *11-7-29*Port of *HULL*No. *40049*Survey held at *Beverley & Hull*Date First Survey *10 April*Last Survey *18 July*

1929

On the *(State if Machinery fitted Aft and (if Single, Twin or Triple Screw))**Single screw Ketch KINGSTON PERIDOT, having machinery aft.*State Type *(Full Scantling, Complete Superstructure with or without Tonnage Openings)**Steam hawler*State Type of Erections *if d.k. & H.C.*

TONNAGE under Tonnage Deck...

*311.37*CLASS *100 A*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*Launched *10-6-29*Yard No. *522*

Total

*311.37*Breadth (greatest moulded) B *23.83*Builders *Cook, Wilton & Gammell, Ltd.*

Gross Tonnage

*351.81*

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 Steam Trawling*

Register Tonnage

*151.98*1st Longitudinal Number (L x D) = *1925*Managers *Co., Limited.*

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

2nd Numerical L x (B + D) = *5267*Residence *St. Andrew's Dock, Hull*

## 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

Do. Long Bridge to top of keel

Depth

*12.9*

Draught Moulded

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.
<b>FRAMES, Spacing amidships</b>	<i>20</i>		<b>Bracket Floors, Frame</b>		
" " from <i>1/2</i> length to Collision bulkhead	<i>16 &amp; 20</i>		" " Reversed Frame		
" " in peaks	<i>16 &amp; 20</i>		" " Vertical Struts		
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>		
Frame Amidships, Angle <i>E or 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>		<b>Side Girders, No. each side and thickness</b>		
" " Extends up to	<i>across floors where</i>		<b>Margin Plate</b> depth (excl. of flange) and thickness		
<b>Depth of Framing Girder</b>	<i>no cement</i>		" " Vertical Angle to Tank side		
Frames in Uppermost Continuous 'tween Decks, Angle, [ or ]			Bracket abaft 1/4 len. from stem		
" " Second 'tween Decks, Angle, [ or ]			" " Vertical Angle to Tank side		
" " Third " " "			Bracket forward 1/4 len. from stem		
Framing in Peaks, Angle <i>E or F</i>	<i>4 1/2 3 40</i>		" " Gussets, spacing and scantling		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>3/4 5 1/4</i>		abaft 1/4 len. from stem		
State if Frame Joggled	<i>no</i>		" " Gussets, spacing and scantling		
<b>PANTING ARRANGEMENTS</b> (Sec. 12 state system and particulars)	<i>closer framing, side skinner, beams, increased thickness of shell, etc.</i>		forward 1/4 len. from stem		
<b>STRENGTHENING OF BOTTOM FORWARD.</b> State Particulars			<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>		
<b>SINGLE BOTTOM.</b>			<b>INNER BOTTOM PLATING.</b>		
Floors, Depth and thickness at mid-line in Holds	<i>14 37</i>		Breadth and thickness of Middle Line Strake		
Height of Brackets at side above base line at toe of frame	<i>flat topped</i>		Thickness of remainder in Holds		
Middle Line Keelson, on Floors, Angle, [ or ]	<i>8 3 1/2 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?		
" " Through Plate or Intercostal Plate			<b>BEAMS.</b>		
" " Foundation Plate on Floors			Uppermost Continuous Deck, amidships	<i>6 3 9/10</i>	
" " Flat Plate Keel Angles			" " in Wells, Angle, [ or ]		
Side Keelsons, No. each side	<i>5 4 42</i>		" " in way of Bridge, Angle, [ or ]		
" " thickness of Intercostal Plate	<i>none</i>		Spacing	<i>alt. frames</i>	
" " Angle of side skinner	<i>5 4 8/20</i>		Second Deck, amidships, Angle, [ or ]		
<b>DOUBLE BOTTOM.</b>			Spacing		
Solid Floors, thickness and spacing			Third Deck, amidships, Angle, [ or ]		
" " Are Frame and Reversed Frame joggled?			Spacing		
Bracket Floors, breadth and thickness at middle line			Fourth Deck, amidships, Angle, [ or ]		
" " breadth and thickness at margin plate			Spacing		
			Poop Deck, Angle, [ or ]		
			Spacing		
			Bridge Deck, Angle, [ or ]		
			Spacing		
			Forecastle Deck, Angle, [ or ]	<i>Whalebacks 4 3 38</i>	
			Spacing	<i>30</i>	



# 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    "    "			$2\frac{3}{8}$ or equivalent		Thickness of Plating within line of openings...				
"    "    "    "    "    "			built pillars.		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	28		34		If Plated, state thickness .....				
"    "    "    "    in way of Bridge	28		34		<b>Poop Deck.</b>				
"    Angle in Wells .....	3	3	34		Stringer Plate, breadth and thickness .....				
<b>TIE</b>					Plating, Sheathing, material and thickness ...				
Thickness of Plating abreast Deck openings in way of Wells .....	10		$\frac{5}{16}$		<b>Bridge Deck.</b>				
Thickness of Plating abreast Deck openings in way of Bridge <b>E.S.B.</b> .....			$\frac{5}{16}$		Stringer Plate, breadth and thickness.....				
Thickness of Plating within line of openings...	$\frac{5}{16}$	4	$\frac{7}{16}$		Plating, Sheathing, material and thickness ...				
If Sheathed, material and thickness .....	3		P.P.		<b>Forecastle Deck. Whaleback</b>				
<b>Second Deck.</b>					Stringer Plate, breadth and thickness.....			.31	
Stringer Plate, breadth and thickness in Wells...			✓		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 Joggled?		RIVETS.		No. of Rows of Rivets.	
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.		Diam.	Spacing cr. to cr.	Diam.	Spacing cr. to cr.
	Inches.	Inches.	Inches.	Inches.				Inches.	Inches.	Inches.	Inches.
A <del>FLAT PLATE KEEL</del> <i>Car.</i>	32	$\frac{7}{16}$	$\frac{8}{16}$	$\frac{7}{16}$		double	1	5	2	$\frac{3}{4}$	$2\frac{5}{8}$
B " <del>DRG. (if any)</del>	52	$\frac{6}{16}$	$\frac{8}{16}$	$\frac{6}{16}$		"	$\frac{3}{4}$		3	"	"
C BOTTOM PLATING, No. of Strakes .....	49	$\frac{6}{16}$	$\frac{8}{16}$	$\frac{6}{16}$		"	"		"	"	"
D BILGE PLATING, No. of Strakes .....	47	$\frac{6}{16}$	$\frac{6}{16}$	$\frac{6}{16}$		"	"		"	"	straps
E SIDE PLATING, No. of Strakes .....	48	$\frac{7}{16}$	$\frac{6}{16}$	$\frac{6}{16}$		"	"		"	"	laps
F <del>UPPER DECK, Sheer strake in Wells.....</del>	52	$\frac{6}{16}$	$\frac{6}{16}$	$\frac{6}{16}$		"	"		"	"	"
G UPPER DECK, Sheer strake in Bridge...	42	$\frac{10}{16}$	$\frac{7}{16}$	$\frac{7}{16}$		"	"		2	"	straps
STRAKE BELOW Sheer strake in Wells.....											
STRAKE BELOW Sheer strake in Bridge ...											
POOP SIDE PLATING .....											
BRIDGE SIDE PLATING ...											
FORECASTLE SIDE PLATING			.31								

# WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c) *4*

    "    Deck next below *✓*

As per Rule *3*

# STIFFENERS.

	Plating Thickness.				
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
<b>MIDSHIP BULKH'D</b> , Upper tween decks					
"    "    Second    "					
"    "    Third    "				13a	
"    "    Holds .....	28	$6 \times 3 \times 32$	30	$3 \times 3 \times \frac{3}{8}$	48
<b>COLLISION</b> " (in Hold) .....	28	"	24		
<b>AFTER PEAK</b> "    "    .....	$26 \times \frac{6}{16}$	$5 \times 3 \times 36$	24		

# FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL, Bar</b> .....	rolled	$8 \times 2$	Frodingham	
<b>STEM</b> .....	"	"	"	
<b>STERN FRAME</b> { Propeller Post .....	For. S. I.	$6 \times 3 \frac{1}{4}$	Forster	
{ Rudder " .....	"	"	"	
<b>RUDDER—A x D</b> .....		$42.5 \times 2.13 = 90$		
<b>Speed of Vessel</b> .....	Under	12 kts	See foramin report 52	
<b>RUDDER</b> mainpiece at head .....	For. S. I.	$5 \frac{1}{4}$	Forster	
"    "    heel ...	"	$4 \times 3$	"	
"    how constructed .....	Stock	low farms in one piece.		
"    double or single plate coupling, vertical or horizontal .....		.30		
	Howe			

STEEL.

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

*Comsett Iron Co., Ltd*

*South Durham S. & I. Co., Ltd*

*Open hearth process*

*Sorman, Long & Co., Ltd*

*Appleby Iron Co., Ltd*

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



16 JUL 1929

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.
62184	1st Bower ...	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	Headnonglit	Taylor	Tipton.	30.4.29. Drysdale
62185	2nd " ...	8	1	10	none			10	10	0	0	8 1/4				
	3rd " ...	7	2	10	"			9	15	3	21	7 1/2				
	Collective weight.															
62175	Stream .....	3	1	17	3 1/4	5	16	2	7			3 1/4	ordinary	"	"	25.4.29
CHAIN CABLES																

## 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.	Statu- tory.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.	Tons.	Length.	Cir.
64552	120 1/2	1 1/8	22 3/4	34 1/8	80-0-0	77-3-12	120	1 1/8	Stud link	S. Taylor & Sons.	Tipton. 8-5-29. Drysdale	TOWLINE...	60	6		60	6
												HAWSERS & WARPS	60	5		60	5
Iron Stream Chain or Steel Wire	✓	Cir.							Cir.				✓				

Steering Gear, Steam Gemmell &amp; Frow's comb'd. str. &amp; hand Steering Gear, Hand Miller &amp; relieving tackles.

Boats 2 wooden cutters Steering Chains, Size and Test 7/8 Windlass G. &amp; F. Comb'd str. &amp; hd.

Ceiling in Holds, thickness and material 3 oak &amp; 2 1/2" P.P. Cargo Battens, thickness, material and spacing 2" pine close lining

Cargo Hatchways.—(Upper Deck) plate steel 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 &amp; GEMMELL LTD.,

Builder's Signature

Alfred Spradale  
Secretary & Director

## GENERAL DECLARATION

The amount of Entry Fee ..... £ 3 : 0 : 0 Fees applied for,

Special Survey Fee.... £ 35 : 4 : 0 15 July 1929.

Travelling Expenses, if any £ : 3 : 3 Received by me, 13.8.29

State whether the Vessel has been built under Special Survey yes

H &amp; M Certificate to be sent to Hull

Date of issue 14/8/29

I am of opinion the Vessel should be Classed 100 A1

Steam Trawler

Signature

J. Semarest

Surveyor to Lloyd's Register of Shipping.

Committee's Minute

FRI. 19 JUL 1929

Character assigned

+ 100 A1 Steam Trawler

Lloyd's A &amp; C P

+ L.M.C. 7.29

at

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



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Lloyd's Register  
Foundation

002138-002150-0203 2/2



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 & workmanship are satisfactory—  
The two peaks, the W.T. flat, decks, putterboys, casings, escape skylights & pumps have been tested—

The approved plans are—

Midship section—

Stem frame & ladder—

profile & decks.

pumping arrangements.

Sister ships are—

No. 519 - Kingston Turquoise - Hull Rpt. No. 39894

" 516 - " Jacintha - " " " 39463

" 514 - " Sapphire - " " " 39676

" 506 - " Beryl - " " " 39417

" 505 - " Jasper - " " " 39394

" 501 - Amethyst - " " " 39125

Please return the plans for the completion of the sister vessel—

A	22	7/16	8/16	7/16
B	52	6/16	8/16	6/16
C	49	6/16	8/16	6/16
D	47	6/16	6/16	5/16
E	18	7/16	6/16	6/16
F	32	6/16	7/16	7/16
G	12	10/16	8/16	7/16

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

1st Bower.  
2nd "  
3rd "

Forced open hearth ingot steel—  
" " " " "  
" wrought iron—

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 ☒

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 1 Sh.

Official No. 160840; Signal Letters

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

#### PARTICULARS OF WATER BALLAST.—

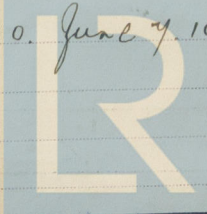
Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			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. 2908

Date 4.4.29.

Dates of Surveys held while building

1929 April 10. 18. 23. 30. May 9. 15. 24. 30. June 7. 10. 14. 21. July 2. 6. 8. 11.



Lloyd's Register Foundation  
Total No. of Visits 16