

STEEL STEAMER ~~or~~ MOTORSHIP.

Received at London Office 3 AUG 1934

State if Report has been sent on the Freeboard of the Vessel NoState if Report is sent on the Machinery of the Vessel YesDate of completion of report 28<sup>th</sup> JULY 1934.Port of HULLNo. 45001Survey held at BEVERLEY AND HULLDate First Survey 28<sup>th</sup> AprilLast Survey 25<sup>th</sup> July19 34

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

SINGLE SCREW KETCH"ARAGONITE"

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

STEAM TRAWLER

State Type of Erections

QUARTER DECK AND MASTHEAD

TONNAGE under Tonnage Deck

278.66

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.

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

L 132.0

Launched

27<sup>th</sup> JUNE 1934Yard No. 594

Total

278.66

Breadth (greatest moulded)

B 24.37

Builders

COOK WELTON & GEMMELL LTD.

Gross Tonnage

314.80

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 CO.

Net Tonnage

137.98

1st Longitudinal Number (L x D)

= 1815.0

Managers

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

Residence

ST. ANDREW'S DOCK, HULL.

REGISTERED DIMENSIONS. FEET.

Length

133.2

Breadth

24.5

Depth

12.95

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

9.60

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

9.60

Do. Long Bridge to top of keel

9.60

Draught Moulded

9.60

Port of Registry

HULL

If surveyed while building, afloat, or in dry dock

BUILDING AND AFLOAT.

## 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.
AMES, Spacing amidships	18 to 21		Bracket Floors, Frame		
" " from $\frac{1}{2}$ length to Collision bulkhead	18		" " Reversed Frame		
" " in peaks	20 and 18		" " Vertical Struts		
DE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, $\frac{1}{2}$ to $\frac{3}{4}$	4 1/2 3 40		" " top Angles		
" " Extends up to	DECK.		" " bottom Angles		
Reversed Frame Amidships, Angle	3 3 36		Side Girders, No. each side and thickness		
" " Extends up to	WHERE NO		Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	CONCRETE 15 FITTED		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, [ or ]			" " Vertical Angle to Tank side Bracket forward $\frac{1}{2}$ len. from stem		
" " Second 'tween Decks, Angle, [ or ]			" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem		
" " Third " " " "			" " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem		
Framing in Peaks, Angle $\frac{1}{2}$ to $\frac{3}{4}$	4 1/2 3 40		Tank Side Brackets, height above base line at toe of Frame and thickness		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 5 1/2		INNER BOTTOM PLATING.		
State if Frame Joggled	NO		Breadth and thickness of Middle Line Strake		
ANTING ARRANGEMENTS (Sec. 7), state system and particulars	LOWER DECK STRINGER AND BEAMS CLOSER FRAME STACING AND RIVETING.		Thickness of remainder in Holds		
TRENGTHENING OF BOTTOM FORWARD. 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?		
INGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	17 3/4 36		Uppermost Continuous Deck, amidships in Well, Angle, $\frac{1}{2}$ to $\frac{3}{4}$	6 3 44	
Height of Brackets at side above base line at toe of frame	FLAT TOPPED		" " in way of Bridge, Angle, [ or ]		
Middle Line Keelson, on Floors, Angles,	7 3 1/2 40		Spacing	ALTERNATE FRAMES.	
" " Through Plate or Intercoastal Plate			Second Deck, amidships, Angle, [ or ]		
" " Foundation Plate on Floors			Spacing		
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, [ or ]		
Side Keelsons, No. each side	ONE 5 4 42		Spacing		
thickness of Intercoastal Plate	NONE		Fourth Deck, amidships, Angle, [ or ]		
Angles	1 SIDE STRINGER 5 4 42		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.
<b>PILLARS</b> , No. of Rows..... <i>ONE</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 " "	<i>3' Dia</i>		Thickness of Plating within line of openings..		
" " " " "			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	<i>27 x .36</i>		If Plated, state thickness .....		
" " " " , in way of Bridge	<i>✓</i>		<b>Poop Deck.</b>		
" Angle in Wells .....	<i>3 3 .36</i>		Stringer Plate, breadth and thickness .....		
Thickness of Plating abreast Deck openings} <i>TIE</i>	<i>10' .36-.32</i>		Plating, Sheathing, material and thickness ...		
in way of Wells .....	<i>.38-.34-.30</i>		<b>Bridge Deck.</b>		
Thickness of Plating abreast Deck openings} <i>E.A.</i>	<i>7/16-1/4-.30</i>		Stringer Plate, breadth and thickness.....		
in way of Bridge .....			Plating, Sheathing, material and thickness ...		
Thickness of Plating within line of openings...			<b>Forecastle Deck.</b>		
If Sheathed, material and thickness <i>Pitch Pine</i>	<i>5 x 3</i>		Stringer Plate, breadth and thickness.....	<i>.31</i>	
<b>Second Deck.</b>	<i>DAN WATERWAY</i>		Plating, Sheathing, material and thickness ...	<i>.31</i>	
Stringer Plate, breadth and thickness in Wells...	<i>✓</i>				

## SHELL PLATING.

[illegible]

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

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D,	Upper tween decks					
"	Second "					
"	Third "					
"	Holds .....					
COLLISION	(in Hold) .....					
	"					
AFTER PEAK	"					
	"					

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar .....	ROLLED	8" x 2"	FROTHINGHAM STEEL CO.	
STEM .....	"	"	"	
STERN FRAME { Propeller Post .....	FORGED	6" x 3 1/4"	T. S. FORSTER, SONS	
{ Rudder .....	"	"	SUNDERLAND.	
RUDDER—A x D .....	BERTZ PATENT.			
Speed of Vessel .....	10 KNOTS			
RUDDER mainpiece at head ...	FORGED	5 3/4" DIA.	T. S. FORSTER, SONS SUNDERLAND.	
" " heel ...	CAST STEEL	"	E. JOPLING, SONS SUNDERLAND.	
" " how constructed .....	PLATES AND ANGLES AS PER APPROVED PLAN.			
" " double or single plate .....	NO. SIDE PLATES			
" " coupling, vertical or .....	HORIZONTAL			
" " horizontal .....				

AFTER PEAK	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)	OPEN HEARTH PROCESS
STEEL.	CONSETT / IRON CO, APPLEBY STEEL CO, SOUTH DURHAM STEEL CO, DORMAN LONG CO, Cargo FLEET, SKINNINGROVE STEEL CO, FRODINGHAM STEEL CO.	Lloyd's Register Foundation
	Has the Steel been tested as required by the Rules?	YES



EQUIPMENT No. <b>5032</b>												LETTER <b>O</b>	ANCHORS. <b>✓</b>		
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.	
		Owts.	qrs.	lbs.	Owts.	qrs.	lbs.	Tons.	owts.	qrs.	lbs.	Owts.			
<b>34813</b>	1st Bower ...	<b>7</b>	<b>2</b>	<b>7</b>	<b>NONE</b>			<b>9</b>	<b>15</b>	<b>3</b>	<b>21</b>	<b>8</b>	<b>THREAS/IMPROVED SWANES</b>	<b>W.L. BYERS</b>	<b>SUNDERLAND 14-6-34 H. GREEN</b>
<b>34811</b>	2nd „ ...	<b>7</b>	<b>0</b>	<b>21</b>	<b>NONE</b>			<b>9</b>	<b>9</b>	<b>1</b>	<b>14</b>	<b>7 1/4</b>	.	.	" 9-6-34 "
	3rd „ ...														
	Collective weight.	<b>14</b>	<b>3</b>	<b>0</b>								<b>15 1/4</b>			
<b>93661</b>	Stream .....	<b>3</b>	<b>0</b>	<b>16</b>	<b>0</b>	<b>3</b>	<b>5</b>	<b>5</b>	<b>14</b>	<b>1</b>	<b>14</b>	<b>3 1/4</b>	<b>ORDINARY/IRON STOCK</b>	<b>NONE NOT GIVEN</b>	<b>NETHERTON 14-6-34 H. GREEN</b>

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-ory.	Break-ing.	Supplied.	Per Rule.		Length.	Diam.	Length.					Cir.	Tons.		Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Owts.	qrs.	lbs.	Owts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
100130	120	1 1/8	22 3/4	34 1/8	78-2-10			77 3/4	120	1 1/8	Swedish	NAME NOT GIVEN	NETHERTON 14-6-34	TOWLINE...	60	4 1/2	7	60	5 1/2
17879	-	-	22 3/4	34 1/8			12		-	-	WONING	W.L. BYERS & CO.	SUNDERLAND H. GREEN.	HAWSERS & WARPS	60	4 1/2	7 1/2	60	5
Iron Stream Chain or Steel Wire		Or.								6m	1 1/2" DIA		28-11-33 J. H. BUTLER	"	CONWAY WIRE ROPES				

Steering Gear, Steam **TRY GEMMELL & FRON. HULL.** Steering Gear, Hand **TILLER**

Boats **1 WOOD CUTTER** Steering Chains, Size and Test **7/8" DIA. AND 9 1/2 TONS TEST.** Windlass **W. GEMMELL & FRON. HULL.**

Ceiling in Holds, thickness and material **2 1/4" PITCH PINE.** Cargo Battens, thickness, material and spacing **2" RED WOOD CLOSE LINED**

Cargo Hatchways.—(Upper Deck) **STEEL PLATES AND ANGLES.** Thickness of Hatches **3"**

Size of No. 1 Hatchway (Forward) **To STORE 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**

Builder's Signature **X** **COOK, WELTON & GEMMELL, LTD.**  
**W. G. GEMMELL**  
 Secretary & Director

# GENERAL DECLARATION

*This trawler has been built in accordance with the approved plans and Society's rules. The workmanship and materials appear to be satisfactory. The two peaks, the watertight flat aft, decks and gutterways, casings and hand pumps and W.T. door, have been tested.*

*The approved plans are:—Midship section, profile and deck plan, stern frame and rudder, and pumping arrangement.*

*The vessel has been supplied with two 60 fathom of 4" Circum. Combination wire ropes instead of the 5 1/2" and 5" hemp ropes. (As desired by the Owner).*

The amount of Entry Fee .....	£ 3 : 0 : 0	Fees applied for, <b>12 AUG 1934</b>	I am of opinion the Vessel should be Classed <b>100 A.1.</b> <b>STEAM TRAWLER.</b>
Special Survey Fee....	£ 31 : 10 : 0	Received by me, <b>14/9/34</b>	
Travelling Expenses, if any £	: 7 : 6	<b>Yes</b>	
State whether the Vessel has been built under Special Survey <b>Yes</b>			Signature <b>W. G. GEMMELL</b> Surveyor to Lloyd's Register of Shipping.
Certificate to be sent to <b>HULL</b>		Date of issue <b>12/9/34</b>	

Committee's Minute	<b>FRL DO AUG 1934</b>
Character assigned	<b>+ 100 A.1</b> <b>Steam trawler</b>
<b>W. G. GEMMELL</b> <b>Lloyd's Arch. + dimb 7. 34</b>	
<b>W. G. GEMMELL</b>	

W413-0065(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.)

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

1st Bower  
2nd "  
3rd "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. ft., Bridge ft., Forecastle ft.

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

Official No.

Signal Letters

particulars of composition

BITUMASTIC ABOVE BOTTOM CEMENT.

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.

Date

Dates of Surveys held while building

1934. Apr. 28. May 1. 8. 15. 23. 25. 31. June 5. 7. 12. 18. 19. 25. 26. 27. July 2. 4. 5. 10. 16. 18. 20. 23. 24. 25

Total No. of Visits