

STEEL STEAMER ~~OR~~ MOTORSHIP.

11 NOV 1930

Received at London Office

State if Report has been sent on the Freeboard of the Vessel NOState if Report is sent on the Machinery of the Vessel YES.

Date of completion of report

5<sup>th</sup> November 1930. Port ofHULL.No. 41353.Survey held at BEVERLEY AND HULL.Date First Survey 30 JulyLast Survey 4/11/1930

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

SINGLE SCREW KETCH. "RYLSTON"

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

STEAM TRAWLER.State Type of Erections QUARTER DECK AND UNCLEARACK.

TONNAGE under Tonnage Deck

342.23CLASS 7100 A.I.

State if with freeboard as condition of Class

NOBuilt at BEVERLEY.Launched 8/10/30. Yard No. 556.

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

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 9 (1a)

L 143.0

Breadth (greatest moulded)

B 24.5

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

D 14.51st Longitudinal Number (L x D) = 2073.52nd Numeral L x (B + D) = 5577.0

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

9.862

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

Do. Long Bridge to top of keel

Draught Moulded

Do.

Managers

Residence BANK CHAMBERS PARLIAMENT STREET HULL.Port of Registry HULL.

If surveyed while building, afloat, or in dry dock

BUILDING AND AFLOAT.

## REGISTERED DIMENSIONS.

FEET.

Length

143.4

Breadth

24.7

Depth

13.6

## 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>	<u>19 0 20 1/2</u>		<b>Bracket Floors, Frame</b>		
" " from 1/2 length to Collision bulkhead	<u>16</u>		" " Reversed Frame		
" " in peaks	<u>16 0 20</u>		" " Vertical Struts		
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>		
<b>Frame Amidships, Angle, <math>\angle</math> or <math>\angle</math></b>	<u>5 3 40</u>		" " top Angles		
" " Extends up to	<u>DECK.</u>		" " bottom Angles		
<b>Reversed Frame Amidships, Angle</b>	<u>3 3 38</u>		<b>Side Girders, No. each side and thickness</b>		
" " Extends up to	<u>WHERE NO</u>		<b>Margin Plate depth (excl. of flange) and thickness</b>		
<b>Depth of Framing Girder</b>	<u>CONCRETE IS FITTED.</u>		" " Vertical Angle to Tank side		
<b>Frames in Uppermost Continuous 'tween Decks, Angle, <math>\angle</math> or <math>\angle</math></b>			" " Bracket abaft 1/2 len. from stem		
" " Second 'tween Decks, Angle, $\angle$ or $\angle$			" " Vertical Angle to Tank side		
" " Third " " " "			" " Bracket forward 1/2 len. from stem		
<b>Framing in Peaks, Angle <math>\angle</math> or <math>\angle</math></b>	<u>5 3 40</u>		" " Gussets, spacing and scantling abaft 1/2 len. from stem		
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships</b>	<u>3/4 5 1/4</u>		" " Gussets, spacing and scantling forward 1/2 len. from stem		
<b>State if Frame Joggled</b>	<u>NO</u>		<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>		
<b>PANTING ARRANGEMENTS (Sec. 7), state system and particulars</b>	<u>LOWER DECK STRINGER BEAMS CLOSER FRAME SPACING AND RIVETING.</u>		<b>INNER BOTTOM PLATING.</b>		
<b>STRENGTHENING OF BOTTOM FORWARD. State Particulars</b>			<b>Breadth and thickness of Middle Line Strake</b>		
<b>SINGLE BOTTOM.</b>			<b>Thickness of remainder in Holds</b>		
<b>Floors, Depth and thickness at mid-line in Holds</b>	<u>18 38</u>		<b>Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. &amp; B. space and framing in Bunkers and Boiler Room?</b>		
<b>Height of Brackets at side above base line at toe of frame</b>	<u>FLAT TOPPED</u>		<b>BEAMS.</b>		
<b>Middle Line Keelson, on Floors, Angles</b>	<u>8 3 1/2 44</u>		<b>Uppermost Continuous Deck, amidships in Wells, Angle, <math>\angle</math> or <math>\angle</math></b>	<u>6 3 44</u>	
" " Through Plate or Intercostal Plate			" " in way of Bridge, Angle, $\angle$ or $\angle$		
" " Foundation Plate on Floors			<b>Spacing</b>	<u>UNEQUAL FRAMES</u>	
" " Flat Plate Keel Angles			<b>Second Deck, amidships, Angle, <math>\angle</math> or <math>\angle</math></b>		
<b>Side Keelsons, No. each side</b>	<u>1</u>		<b>Spacing</b>		
" " thickness of Intercostal Plate	<u>NONE.</u>		<b>Third Deck, amidships, Angle, <math>\angle</math> or <math>\angle</math></b>		
" " Angles <u>1 SIDE STRINGER</u>	<u>5 4 40</u>		<b>Spacing</b>		
<b>DOUBLE BOTTOM.</b>			<b>Fourth Deck, amidships, Angle, <math>\angle</math> or <math>\angle</math></b>		
<b>Solid Floors, thickness and spacing</b>			<b>Spacing</b>		
" " Are Frame and Reversed Frame joggled?			<b>Poop Deck, Angle, <math>\angle</math> or <math>\angle</math></b>		
<b>Bracket Floors, breadth and thickness at middle line</b>			<b>Spacing</b>		
" " breadth and thickness at margin plate			<b>Bridge Deck, Angle, <math>\angle</math> or <math>\angle</math></b>		
			<b>Spacing</b>		
			<b>Forecastle Deck, Angle, <math>\angle</math> or <math>\angle</math></b>	<u>4 3 38</u>	
			<b>Spacing</b>	<u>30"</u>	



## 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" Dia.		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	30" x .38		If Plated, state thickness .....		
„ „ „ „ in way of Bridge	✓		<b>Poop Deck.</b>		
„ Angle in Wells .....	3 3 .38		Stringer Plate, breadth and thickness .....		
<b>Tie.</b>			Plating, Sheathing, material and thickness ...		
Thickness of Plating abreast Deck openings in way of Wells .....	10 .38		<b>Bridge Deck.</b>		
Thickness of Plating abreast Deck openings in way of Bridge <b>E.O.P.</b> .....	5/16 4/16		Stringer Plate, breadth and thickness.....		
Thickness of Plating within line of openings...	7/16 To 5/16		Plating, Sheathing, material and thickness ...		
If Sheathed, material and thickness .....	3" PITCH PINE.		<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.

[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

				STIFFENERS.				
				Plating Thickness.	VERTICAL.		HORIZONTAL.	
					Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D. Upper tween decks								
"	"	Second	"					
"	"	Third	"					
"	"	Holds .....		40'-28	6 x 3 x 32 <sup>BA.</sup>	30"	3 x 3 x 3/8	-
COLLISION	"	(in Hold) .....		37'-28	6 x 3 x 32 <sup>BA.</sup>	24"	-	-
AFTER PEAK	"	" .....		6/16	5 x 3 x 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' x 2"	FRODINGHAM	
<b>STEM</b> .....	"	8' x 2"	STEEL CO.	
<b>STERN FRAME</b> { Propeller Post .....	FORGED	6' x 3 $\frac{1}{4}$ "	EMMERSON WALKER LTD	
{ Rudder " .....	"	6' x 3 $\frac{1}{4}$ "	MUNSTAD-ON-TYNE.	
<b>RUDDER—A x D</b> .....	42.5 ft. x 2.13 =	90		
<b>Speed of Vessel</b> .....	UNDER	12 KNOTS		
<b>RUDDER</b> mainpiece at head ...	FORGING	5 $\frac{1}{2}$ " DIA.	EMMERSON WALKER LTD	
" " heel ...	"	4' x 3'	MUNSTAD-ON-TYNE.	
" how constructed .....	STEEL,	BOW AND ARMS IN ONE PIECE.		
" double or single plate .....		.30		
" coupling, vertical or .....		NONE		
" 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. SOUTH DURHAM STEEL & IRON CO. CARGO FLEET IRON CO. APPLEBY IRON CO.

Has the Steel been tested as required by the Rules? **YES.**



EQUIPMENT No 5577										LETTER	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.			
64084	1st Bower ...	8	2	21	NONE.			10	15	0	0	8½	TAYLOR'S TREADDOUGHT	SAMUEL TAYLOR	TIPTON 1/9/30 H.C. LEESON.
64085	2nd " ...	8	0	9	NONE			10	2	2	0	8	" "	" "	" 1/9/30 H.C. LEESON.
	3rd " ...														
	Collective weight.	16	3	2								16½			
64094	Stream .....	3	2	4	3	22		5	18	3	0	3½	RODGERS 120W STOCK.	" "	" 4/9/30 H.C. LEESON.

CHAIN CABLES.										HAWERS 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.	Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Fathoms.	Ins.						Fathoms.	Ins.	Fathoms.	Fathoms.	Ins.
66557	120 1/2	1 1/8	22 3/4	34 1/8	78-2-4	77 3/4	120	1 1/8	120	1 1/8	STUD LINE SAMUEL TAYLOR TIPTON 5/9/30 H.C. LEESON.			TOWLINE					
														HAWERS & WARPS	60	3 1/2		60	6
															60	3 1/2		60	5

Steering Gear, Steam *BY GENHILL & FROM OF HULL.* Steering Gear, Hand *TILLER & RELIEVING TACKLES.*

Boats *2 WOOD CUTTERS.* Steering Chains, Size and Test *7/8" DIA.* Windlass *BY GENHILL & FROM OF HULL.*

Ceiling in Holds, thickness and material *3" OAK, & 2 1/2" PITCH PINE.* Cargo Battens, thickness, material and spacing *2" PITCH PINE CLOSE LINED.*

Cargo Hatchways, (Upper Deck) *STEEL PLATE CORRUG.* Thickness of Hatches *3"*

Size of No. 1 Hatchway (Forward) *2'5" x 3'1"* No. 2 *3'5" x 3'1"* No. 3 *3'4" x 3'1"* No. 4 *3'5" x 3'1"* No. 5 *3'5" x 3'1"* No. 6 ☒

Number of Shifting Beams and/or Fore and Afters *NONE.*

COOK, WELTON & GEMMELL LTD.

Builder's Signature

CHIEF DRAUGHTSMAN

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel *No* (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo *No* 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, *10 Nov 1930*

Special Survey Fee.... £ *38* : *0* : *0* Received by me, *11.12.30*

Travelling Expenses, if any £ : *3* : *3*

I am of opinion the Vessel should be Classed *100 A.I.* *STEAM TRAWLER.*

State whether the Vessel has been built under Special Survey *YES.*

Signature *W. H. Engledon* Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *Hull* Date of issue *12/12/30.*

Committee's Minute

Character assigned

TUE. 18 NOV 1930

*+ 100 A.I.*

*Steam Trawler*

*Lloyd's A.O.C., + d.m.b. 11.30*



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Lloyd's Register Foundation

W221-0034 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 trawler has been built in accordance with the approved plans and Society Rules.  
The workmanship and materials appear to be satisfactory.  
The two peaks, the watertight flat aft, chocks and gutters, carvings and pumps have been tested.  
The approved plans are Midship section, profile and deck plan, stern frame and rudder, and pumping arrangement.  
The Damm current has been obtained for dispensing with the shell connection to the pumping stinger.  
This vessel has been supplied with two 60 fathoms combination wire ropes  $3\frac{1}{2}$ " C.R.C. instead of the 6" and 5" hemp ropes as desired by the Damm.

Vessel lengthened in 2.39 Plans and particulars with Indt. Ref 16530.

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. 80.0 ft., Bridge ft., Forecastle 22.0 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) 174

Official No.

particulars of composition.

Bitumastic above bottom cement.

PARTICULARS OF WATER BALLAST.—

Where Fitted.  
Double bottom, aft,  
Double bottom, under Engines and Boilers,  
Double bottom, if under Engines only,  
Double bottom, if under Boilers only,  
Double bottom, forward.

\*Length.  
Feet.

Water Capacity.  
Tons.

Where Fitted.

\*Length.  
Feet.

Water Capacity.  
Tons.

Fore peak tank,  
After peak tank,  
Deep tank, aft,  
Deep tank, 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. 2946

Date.

27th June,  
1930.

Dates of Surveys  
held while building

1930.

July 30. Aug 1. 11. 15. 22. 26. 29. Sept 4. 11. 17. 23. 24. 25. 29. Oct 3. 7. 10. 16. 21.  
31. Nov 4.

Total No. of Visits

21.