

## STEEL STEAMER or MOTORSHIP.

20 DEC 1930

Received at London Office .....

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

15 Dec 1930.

Port of

HULL

Survey held at *Delby & Hull*

Date First Survey

5 Sept

Last Survey

15 Dec.

1930.

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

Steel Single Screw Ketch

"Beachflower"

(Incl. aft)

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

Full Scantling

State Type of Erections R.Q.Dk &amp; Fcle.

TONNAGE under Tonnage Deck... 333.48

CLASS + 100A1 State if with freeboard "Steam Trawler" as condition of Class

ho.

Built at *Delby.*

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 150'-0"

Launched Nov. 8<sup>th</sup> 1930. Yard No. 1098

Total 333.48

Breadth (greatest moulded) B 25'-4 1/2"

Builders *Cochrane & Sons Ltd.*

Gross Tonnage 374.67

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

D 14'-0"

Owners *The Yorkshire Steam Fishing Co. Ltd.*

Register Tonnage 145.15

1st Longitudinal Number (L x D) = 2100

Managers

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

## REGISTERED DIMENSIONS. FEET.

Length 150.5

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

8'-0"

Residence *Hull.*

Breadth 25.5

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

1/12

Port of Registry *Hull.*

Depth 13.15

2nd Numeral L x (B + D) = 5906

If surveyed while building, afloat, or in dry dock

While building &amp; 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.
<b>FRAMES, Spacing amidships</b> .....	20 x 21		<b>Bracket Floors, Frame</b> .....		
" " from 1/2 length to Collision bulkhead .....	16		" " Reversed Frame .....		
" " in peaks .....	16		" " Vertical Struts .....		
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>		
<b>Frame Amidships, Angle, <i>etc.</i></b> .....	5 3 8/20		" " top Angles .....		
" " Extends up to .....	deck		" " bottom Angles .....		
<b>Reversed Frame Amidships, Angle</b> .....	3 3 3/8		<b>Side Girders, No. each side and thickness</b> .....		
" " Extends up to .....	across floors		<b>Margin Plate</b> depth (excl. of flange) and thickness .....		
<b>Depth of Framing Girder</b> .....	5		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem .....		
<b>Frames in Uppermost Continuous 'tween Decks, Angle, [ or ]</b> .....	✓		" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem .....		
" " <b>Second 'tween Decks, Angle, [ or ]</b> .....	✓		" " Gussets, spacing and scantling abaft 1/4 len. from stem .....		
" " <b>Third " " " "</b> .....	✓		" " Gussets, spacing and scantling forward 1/4 len. from stem .....		
<b>Framing in Peaks, Angle <i>etc.</i></b> .....	4 1/2 3 8/20		<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>		
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships</b> .....	3/4 5/4		<b>INNER BOTTOM PLATING.</b>		
<b>State if Frame Joggled</b> .....	no.		Breadth and thickness of Middle Line Strake .....		
<b>PANTING ARRANGEMENTS</b> (Sec. 12, state system and particulars) .....	18" stringer plate lapped to shell. 2 large stringers lapped to frames. closer panning & riveting.		Thickness of remainder in Holds .....		
<b>STRENGTHENING OF BOTTOM FORWARD.</b> 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? .....		
<b>SINGLE BOTTOM.</b>			<b>BEAMS.</b>		
<b>Floors, Depth and thickness at mid-line in Holds</b> .....	17 9/16		<b>Uppermost Continuous Deck, amidships in Holds, Angle, <i>etc.</i></b> .....	6 3 9/20	
Height of Brackets at side above base line at toe of frame .....	none		" " in way of Bridge, Angle, [ or ] .....	✓	
<b>Middle Line Keelson, on Floors, Angles, [ or ]</b> .....	12 x 4 x 4 1/2		Spacing .....	alternate	
" " 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>Side Keelsons, No. each side</b> .....	one		Spacing .....		
" " thickness of Intercostal Plate .....	✓		<b>Fourth Deck, amidships, Angle, [ or ]</b> .....	✓	
" " Angle .....	5 4 1/2		Spacing .....		
<b>DOUBLE BOTTOM.</b>			<b>Poop Deck, Angle, [ or ]</b> .....	✓	
<b>Solid Floors, thickness and spacing</b> .....			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, <i>etc.</i></b> .....	4 3 40	
			Spacing .....	30"	



## 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.....	one		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' to suit arrangements.		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	50 x 5/8 - 30 x 7/16		If Plated, state thickness .....		
" " " " in way of Bridge	✓		<b>Poop Deck.</b>		
" Angle in Wells	3 3 3/8		Stringer Plate, breadth and thickness .....	✓	
Thickness of Plating abreast Deck openings in way of Wells .....	36 v. 32		Plating, Sheathing, material and thickness ...		
Thickness of Plating abreast Deck openings in way of Bridge .....	35 x 31		<b>Bridge Deck.</b>		
Thickness of Plating within line of openings...	✓		Stringer Plate, breadth and thickness.....	✓	
If Sheathed, material and thickness .....	5 x 3 P.P.		Plating, Sheathing, material and thickness ...		
<b>Second Deck.</b>			<b>Forecastle Deck. Whaleback</b>		
Stringer Plate, breadth and thickness in Wells...	✓		Stringer Plate, breadth and thickness.....	. 31	
			Plating, Sheathing, material and thickness ...	. 28	

## SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled? <i>no</i>			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.		Inches.	Inches.		Inches.	Inches.		
<i>Garboard</i> <del>Flat Plate Keel</del> .....	<i>32</i>	<i>8/16</i>	<i>8/16</i>	<i>8/16</i>		<i>double</i>	<i>3/4</i>	<i>Swiss p. R.</i>	<i>two</i>	<i>3/4</i>	<i>2 5/8</i>	<i>Strapped</i>
" DBLG. (if any)		<i>6/16</i>	<i>6/16</i>	<i>6/16</i>		"	"	"	<i>two</i>	"	"	<i>Lapped</i>
BOTTOM PLATING, No. of Strakes ..... <i>2</i>		<i>7/16</i>	<i>"</i>	<i>"</i>		"	"	"	"	"	"	"
BILGE PLATING, No. of Strakes ..... <i>1</i>		<i>6/16</i>	<i>6/16</i>	<i>6/16</i>		"	"	"	"	"	"	"
SIDE PLATING, No. of Strakes ..... <i>1</i>		<i>7/16</i>	"	"		"	"	"	<i>three to two</i>	"	"	"
UPPER DECK, Sheer-strake in Wells .....	<i>36</i>	<i>.625</i>	<i>.50</i>	<i>.50</i>		"	"	"	"	"	"	<i>Strapped</i>
UPPER DECK, Sheer-strake in Bridge ...						"	"	"	"	"	"	<i>Lapped</i>
STRAKE BELOW Sheer-strake in Wells .....		<i>6/16</i>	<i>6/16</i>	<i>6/16</i>		"	"	"	"	"	"	"
STRAKE BELOW Sheer-strake in Bridge ...						"	"	"	"	"	"	"
POOP SIDE PLATING .....						"	"	"	"	"	"	"
BRIDGE SIDE PLATING ...						"	"	"	"	"	"	"
FORECASTLE SIDE PLATING			<i>3/1</i>			<i>Single</i>	"	"	<i>one</i>	"	"	<i>Strapped</i>

## 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

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted
KEEL, Bar .....			Rolled 7 1/2 x 1 7/8	Consett
STEM .....				
STERN FRAME {	Propeller Post .....		Forging 6 1/2 x 3 1/4	Forster
	Rudder .....		6 x 3 3/4	
RUDDER—A x D .....			11/3	
Speed of Vessel .....			12 Knots	
RUDDER mainpiece at head .....			6" dia Forging 6 x 1 1/4	Forster
" " heel .....			4 3/4 x 3	
" " how constructed .....			Forged & built	
" double (or single) plate .....			double .30	
" coupling, vertical of .....			horizontal	
" horizontal .....				

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks						
"	"	Second	"			
"	"	Third	" 71	37-26	5 1/2 x 3 x 3/4 L	30'
"	"	Holds	48	40-26	5 1/2 x 3 x 3/4 L } 5 1/2 x 3 x 3/4 L }	30'
COLLISION		(in Hold)	90/1	37-28	5 1/2 x 3 x 3/4 L	24'
AFTER PEAK		"	57/16	43-26	4 x 3 x 1/4 L 3 x 3 x 3/4	24' 30'

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *open hearth*  
*Consett I. Co. : South Durham S. & I. Co. : Dorman Long & Co. :  
Frodingham I. & S. Co.*  
Has the Steel been tested as required by the Rules? *Yes.*







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.)

The following plans etc. are forwarded herewith:—

Midship Section (approved)

Profile & Deck

Stem Frames Rudder

Cruiser Stern

Bumping Arrangement

Forging Reports (2)

(1098 & 1099 Ships)

Midship Section

Profile & Deck

as built

This vessel is fitted with a Cruiser Stern.

The lowest beading, on the side plating, port & starboard, has been electrically welded on, by Messrs Metropolitan Vickers Ltd, using a general service electrode.

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

1st Bower

2nd "

3rd "

Joyce

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 81.4 ft., Bridge ☒ ft., Forecastle 24.0 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)

Official No. 162210 : 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. 2981

Date

16.7.30.

Dates of Surveys held while building

1930. Sept 5. 17. 25. Oct 1. 9. 17. 23. 31. Nov 4. 12. 25. Dec 4. 10. 15.

Lloyd's Register Foundation