

STEEL STEAMER or MOTORSHIP.

Received at London Office.. -7 JAN 1931

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

29 Decr. 1930.

Port of

HULL

No.

41516.

Survey held at

Delby & Hull

Date First Survey

5 Sept

Last Survey

29 Decr. 1930.

On the

*Steel Single Screw Ketch "Lord Beaverbrook"**(Including aft)*

State Type

Full Scantling

State Type of Erections

R.Q.D.K. & F.C.

TONNAGE under Tonnage Deck...

*322.08*CLASS *+100A1*
"Steam Trawler"

State if with freeboard as condition of Class

No.

Built at

*Delby*Launched *Nov. 20th 1930* Yard No. *1099.*Builders *Cochran & Sons Ltd.*Owners *Pickering & Haldanes Steam Trawling Co. Ltd.*

Managers

*(Where necessary to be entered in Reg. Book.)*Residence *Hull.*Port of Registry *Hull*

If surveyed while building, afloat, or in dry dock

while building & afloat.

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

Total

322.08

Gross Tonnage

362.10

Register Tonnage

*140.53*REGISTERED DIMENSIONS.
FEET.

Length

150.5

Breadth

25.5

Depth

13.15

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

L 150'-0"

Breadth (greatest moulded)

B 25'-4 1/2"

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"

1st Longitudinal Number (L x D)

= 2100

2nd Numeral L x (B + D)

= 5906

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

✓

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

✓

Do. Long Bridge to top of keel

✓

Draught Moulded

✓

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>20 x 21</i>		Bracket Floors, Frame		
" " from $\frac{1}{2}$ length to Collision bulkhead	<i>16</i>		" " Reversed Frame		
" " in peaks	<i>16</i>		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, <i>42°</i>	<i>5 3 8/20</i>		" " top Angles		
" " Extends up to	<i>deck</i>		" " bottom Angles		
Reversed Frame Amidships, Angle	<i>3 3 3/8</i>		Side Girders, No. each side and thickness		
" " Extends up to	<i>across floors</i>		Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	<i>5</i>		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, <i>E</i> or <i>F</i>	<i>✓</i>		" " Vertical Angle to Tank side Bracket forward $\frac{1}{4}$ len. from stem		
" " Second 'tween Decks, Angle, <i>E</i> or <i>F</i>	<i>✓</i>		" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem		
" " Third " " " "	<i>✓</i>		" " Gussets, spacing and scantling forward $\frac{1}{4}$ len. from stem		
Framing in Peaks, Angle, <i>42°</i>	<i>4 3 8/20</i>		Tank Side Brackets, height above base line at toe of Frame and thickness		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>3/4 5 1/4</i>		INNER BOTTOM PLATING.		
State if Frame Joggled	<i>No.</i>		Breadth and thickness of Middle Line Strake		
PANTING ARRANGEMENTS (Sec. 12), state system and particulars	<i>18" Stripper plate lugged to shell.</i>		Thickness of remainder in Holds		
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>2 bilge strippers lugged to frames. closer framing riveting.</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?		
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	<i>17 6/16</i>		Uppermost Continuous Deck, amidships in Webs, Angle, <i>E</i> or <i>F</i>	<i>6 3 9/20</i>	
Height of Brackets at side above base line at toe of frame	<i>none</i>		" " in way of Bridge, Angle, <i>E</i> or <i>F</i>	<i>✓</i>	
Middle Line Keelson, on Floors, Angle, <i>E</i> or <i>F</i>	<i>12 x 4 x 4 1/2</i>		Spacing	<i>alternate</i>	
" " Through Plate or Intercoastal Plate	<i>✓</i>		Second Deck, amidships, Angle, <i>E</i> or <i>F</i>	<i>✓</i>	
" " Foundation Plate on Floors	<i>✓</i>		Spacing		
" " Flat Plate Keel Angles	<i>✓</i>		Third Deck, amidships, Angle, <i>E</i> or <i>F</i>	<i>✓</i>	
Side Keelsons, No. each side	<i>one</i>		Spacing		
" " thickness of Intercoastal Plate	<i>✓</i>		Fourth Deck, amidships, Angle, <i>E</i> or <i>F</i>	<i>✓</i>	
" " Angles	<i>5 4 4 1/2</i>		Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, <i>E</i> or <i>F</i>	<i>✓</i>	
Solid Floors, thickness and spacing			Spacing		
" " Are Frame and Reversed Frame joggled?			Bridge Deck, Angle, <i>E</i> or <i>F</i>	<i>✓</i>	
Bracket Floors, breadth and thickness at middle line			Spacing		
" " breadth and thickness at margin plate			Forecastle Deck, Angle, <i>E</i> or <i>F</i>	<i>4 3 40</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.
PILLARS, 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' to suit</i>		Thickness of Plating within line of openings.....		
„ „ „ „ „	<i>Arrangements.</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 way of Wells.....	<i>50 x 9/16 - 30 x 9/16</i>		If Plated, state thickness		
„ „ „ „ in way of Bridge.....	✓		Poop Deck.		
„ Angle in Wells.....	<i>3 3 3/8</i>		Stringer Plate, breadth and thickness	✓	
Thickness of Plating abreast Deck openings in way of Wells.....	<i>3/16 x 3/2</i>		Plating, Sheathing, material and thickness		
Thickness of Plating abreast Deck openings in way of Bridge.....	<i>3/16 x 3/1</i>		Bridge Deck.		
Thickness of Plating within line of openings.....	✓		Stringer Plate, breadth and thickness.....	✓	
If Sheathed, material and thickness	<i>5 x 3 P.P.</i>		Plating, Sheathing, material and thickness		
Second Deck.			Forecastle Deck. Whaleback		
Stringer Plate, breadth and thickness in Wells.....	✓		Stringer Plate, breadth and thickness.....	<i>31</i>	
			Plating, Sheathing, material and thickness	<i>28</i>	

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled?			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPEED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.								
Garboard FLAT PLATE KEEL	32	8 1/16	8 1/16	8 1/16		double	3/4	5 rivs ex fr. R.	two	3/4	2 7/8	Strapped
" DELG. (if any)		6 1/16	6 1/16	6 1/16		"	"	"	"	"	"	lapped
BOTTOM PLATING, No. of Strakes 2		7 1/16	6 1/16	6 1/16		"	"	"	"	"	"	"
BILGE PLATING, No. of Strakes		6 1/16	"	"		"	"	"	"	"	"	"
SIDE PLATING, No. of Strakes		7 1/16	"	"		"	"	"	three to two	"	"	"
UPPER DECK, Sheer-strake in Wells	36	6 25	50	50		"	"	"	"	"	"	Strapped
UPPER DECK, Sheer-strake in Bridge ...						"	"	"	"	"	"	lapped
STRAKE BELOW Sheer-strake in Wells		6 1/16	6 1/16	6 1/16		"	"	"	"	"	"	"
STRAKE BELOW Sheer-strake in Bridge ...						"	"	"	"	"	"	"
POOP SIDE PLATING						"	"	"	"	"	"	"
BRIDGE SIDE PLATING ...						"	"	"	"	"	"	"
FORECASTLE SIDE PLATING			31			Single	"	"	one	"	"	Strapped

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 Conssett
STEM				
STERN FRAME {				
Propeller Post				Forged 6 x 3 1/2 Forster
Rudder				
RUDDER—A x D				93.08
Speed of Vessel				12 Knots
RUDDER mainpiece at head				5 1/2" dia Forged 3 1/2 x 3 1/2 Forster
" " heel				(4 x 3)
" " how constructed				Forged built
" double or single plate				Double 30
" coupling, vertical or				none
" 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 34 L	30"
"	"	Holds	48	40-26	do.	30"
COLLISION		(in Hold)	90 1/2	37-28	5 1/2 x 3 x 30 L	24"
AFTER PEAK			51 1/2	43-26	4 x 3 x 40 3 x 3 x 30	24 1/2 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:
Trodingham I. & S. Co: Cargo Fleet I. 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

Stern Frame

Rudder

Forging Reports (2)

Midship Section

(as built)

Profile & Deck

Pumping Plan is with the similar vessel's plans — "Beachflower," "Coolman's" }
Yard No 1098. HUL Rpt. 14/4/04.

The lowest heading 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 "

Forged

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 81.5 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) 186

Official No. 162212; 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. 2982

Date 16 July 1930

Dates of Surveys held while building

1930. Sept 5. 17. 25. Oct 1. 9. 17. 22. 31. Nov 4. 12. 25. Dec 9. 17. 29.

Total No. of Visits 14