

TRAWLER.  
STEEL STEAMER OF MOTORSHIP.

Received at London Office 12 JUL 1930

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 July 11<sup>th</sup> 1930. Port of Aberdeen. No. 16180.  
Survey held at Aberdeen. Date First Survey Feb 9. 25<sup>th</sup> 1930. Last Survey July 7<sup>th</sup> 1930.  
On the Steel single screw Trawler. - "Friarage" -  
State Type (Full scantling, Complete Superstructure with or without Tonnage Openings) now. State Type of Erections now.

TONNAGE under  
Tonnage Deck... 212.21~~Do. of space or spaces  
between Tonnage Deck  
and Upper Deck.~~

Total 212.21

Gross Tonnage 215.33

Register Tonnage 93.53

REGISTERED DIMENSIONS.  
FEET.

Length 115.6

Breadth 22.15

Depth 12.2

CLASS 100.A.1. State if with freeboard no.  
as condition of ClassLength from fore part of stem to after part of stern } L 115.0  
post on summer L.W.L. See Sec. 3 (1a)

Breadth (greatest moulded) ..... B 22.0

Depth, at middle of length from top of keel to top } D 13.0  
of beam at side of uppermost continuous  
deck. See Sec. 3 (1c)

1st Longitudinal Number (L x D)..... = 1495

2nd Numeral L x (B + D)..... = 4025

~~Framing Depth "d" at middle of length. See  
Sec. 3 (1d)~~~~Proportions Depth to Length Uppermost con-  
tinuous deck to top of keel~~ 8.84~~Do. Long Bridge to top  
of keel~~~~Draught Moulded~~Built at Aberdeen.Launched June 13<sup>th</sup> 1930 Yard No. 119.Builders J. Lewis & Sons Ltd.Owners J. Graham & Sons Ltd.

Managers

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

Residence North Eastern Railway Buildings.  
Halespool.Port of Registry Halespool.

If surveyed while building, afloat, or in dry dock

First Entry.

## 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 0-12 = 21" remainder = 21 1/2"	30-39 = 21 1/2"		Bracket Floors, Frame		
" " from 3 length to Collision bulkhead			" " Reversed Frame		
" " in peaks After Peak = 21" Fore Peak = 21 1/2"			" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, E or F	4" 3" 4 1/2"		" " top Angles		
" " Extends up to Uppermost Deck			" " bottom Angles		
Reversed Frame Amidships, Angle Single	1 1/2" 4 1/2" 4 1/2" across floors		Side Girders, No. each side and thickness		
" " in Boiler Space	3" 3" 30"		Margin Plate depth (excl. of flange) and thickness		
" " Extends up to Side Keelson			" " Vertical Angle to Tank side		
Depth of Framing Girder 4" + 3 1/2" in Peaks			" " Bracket abaft 1 len. from stem		
Card Frames	3" 3" 30"		" " Vertical Angle to Tank side		
Frames in Uppermost Continuous tween Decks, Angle, E or F			" " Bracket forward 1 len. from stem		
" " Second tween Decks, Angle, E or F			" " Gussos, spacing and scantling abaft 1 len. from stem		
" " Third " " " "			" " Gussos, spacing and scantling forward 1 len. from stem		
Framing in Peaks, Angle, E or F	3 1/2" 3" 4 1/2"		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" rivets 5 1/2" pitch		INNER BOTTOM PLATING		
State if Frame Joggled	no.		Breadth and thickness of Middle Line Strake		
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	Drawn		Thickness of remainder in Holds		
STRENGTHENING OF BOTTOM FORWARD. State Particulars	Drawn		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 Hold	16" x 3/4" E+B space = 38" Planged 5" on top		Uppermost Continuous Deck, amidships in Wells, Angle, E or F	5" 3" 46" 6" 40" for d.	
Height of Brackets at side above base line at toe of frame	Boiler Stools 50"		" " HALF BEAMS. in way of Bridge, Angle, E or F	3 1/2" 3" 40" Boiler Casing 5" 3" 38" Engine Casing	
Middle Line Keelson, on Floors, Angles, E or F	8" x 5 1/2" x 3 1/2" x 42" + 46" in B.S. Fore Peak		Spacing	alternates frames	
" " Through Plate or Intercoastal Plate			Two Beam at Casings	7 1/2" 3" 45"	
" " Foundation Plate on Floors			Second Deck, amidships, Angle, E or F		
" " Flat Plate Keel Angles			Spacing		
Side Keelsons, No. each side	One		Under Dish Room floor		
" " thickness of Intercoastal Plate			Third Deck, amidships, Angle, E or F	3 1/2" 3" 30"	
" " Angles	5" 4" 38" 4" 42" in B.S.		Spacing	alternates frames	
" " Lugs to frames	3" 3" 40"		4.W. Tank Top (forward)		
DOUBLE BOTTOM.			Fourth Deck, amidships, Angle, E or F	3 1/2" 3" 30"	
Solid Floors, thickness and spacing			Spacing	on every frame	
" " Are Frame and Reversed Frame joggled?			Cabin Sole		
Bracket Floors, breadth and thickness at middle line			Reop Deck, Angle, E or F	3" 2 1/2" 30"	
" " breadth and thickness at margin plate			Spacing	every frame	
			Bridge Deck, Angle, E or F		
			Spacing		
			Sole		
			Forecastle Deck, Angle, E or F	4" 3" 30"	
			Spacing	alternates frames	



✓ TRAWLER.

		INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.				INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.
<b>PILLARS, No. of Rows</b> .....		As per Profile				<del>Stringer Plate, breadth and thickness in way of Bridge</del> .....						
"	Fore Peak.	3"				<del>Thickness of Plating abreast Deck openings in way of Wells</del> .....						
"	in 'ween Decks, Size and Spacing.....	2 1/2 dia. on all main frames.				<del>Thickness of Plating abreast Deck openings in way of Bridge</del> .....						
"	" Stern Room & Bunkers.	2 1/2 dia. & as per Profile.				<del>Thickness of Plating within line of openings</del> .....						
"	in Hold					<del>If Sheathed, material and thickness</del> .....						
"	" " " "					<b>Third Deck.</b>						
<b>Centre Line Bulkhead.</b>						<del>Stringer Plate, breadth and thickness</del> .....						
Stiffeners and Spacing.....						<del>If Plated, state thickness</del> .....						
Plating thickness of .....						<b>Fourth Deck.</b>						
<b>STRINGERS AND DECKS.</b>						<del>Stringer Plate, breadth and thickness</del> .....						
<b>Uppermost Continuous Deck.</b>						<del>If Plated, state thickness</del> .....						
Stringer Plate, breadth and thickness in Wells		23 x 3 1/2 17 x 30				<b>Poop Deck.</b>						
"	" " " " in way of Bridge	Plated 3 1/2 15 all aft.				<del>Stringer Plate, breadth and thickness</del> .....						
"	Angle in Wells .....	3" 3" 3 1/2 15 x 30				<del>Plating, Sheathing, material and thickness</del> .....						
Waterway Anger.		2 1/2 2 1/2 30				<b>Bridge Deck.</b> W.T. Plat. (aft.)						
Thickness of Plating abreast Deck openings in way of Wells .....		30				<del>Stringer Plate, breadth and thickness</del> .....						
Thickness of Plating abreast Deck openings in way of Bridge .....		30				Plating, Sheathing, material and thickness ...			26	with 2 1/2	W. Wood.	
Thickness of Plating within line of openings.....		9 x 3 1/2 15 x 30				<b>Forecastle Deck.</b>						
If Sheathed, material and thickness .....		5 x 3 Pick Pine				<del>Stringer Plate, breadth and thickness</del> .....						
<b>Second Deck.</b> Side Stringer						<del>Plating, Sheathing, material and thickness</del> .....						
Stringer Plate, breadth and thickness in Wells.....		5" 3" 38 angle.										

## SHELL PLATING.

SCANTLINGS.						RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	TOP EDGES. State if joggled? Yes.			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.								
FLAT PLATE KEEL .....	Rivets thro Keel, Stem and Stern frame 1" diam.											
" DBLG. (if any)	✓	✓	✓	✓		1½" Double	¾"		Double	¾"	2 5⁄8"	Lapped
BOTTOM PLATING, No. of Strakes .....	D. 5½	.40	.36	.36		" "	"		"	"	"	"
BILGE PLATING, No. of Strakes .....	C. 5½	.36	.36	.32		" "	"		"	"	"	"
SIDE PLATING, No. of Strakes .....	D. 5½	.40	.32	.32	in way follows A	" "	"		"	"	"	"
UPPER DECK, Sheer-strake in Wells .....	E. 58½	.50	.40	.40		2½" Single	"		"	"	"	Strapped
UPPER DECK, Sheer-strake in Bridge ...)												
STRAKE BELOW SHEER-strake in Wells .....	EDGES = 5 pair of Rivets between frames, exclusive of frame rivets											
STRAKE BELOW SHEER-strake in Bridge ...)	2 rivets thro frame and beam.											
POOP SIDE PLATING .....												
BRIDGE SIDE PLATING ..												
BULWARKS.	3½	.31	.31	.31					Single	¾"	4½	Lapped.
FORECASTLE SIDE PLATING												

## WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c)	Three.
„ <del>Deck next below</del>	„
As per Rule 4 as approved.	Three.

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks						
"	"	<del>Second</del> " 39.	26" x 38"	6' 3" x 36"	30"	Side Room Floor
"	"	<del>Third</del> "				
"	"	<del>Holds</del> ..... 51.	30" x 36"	5' 3" x 35"	24"	
COLLISION		" (in Hold) ..... 54	26" x 36"	5' 3" x 35"	24"	Tank Top.
		5	28" x 33"			
AFTER PEAK		" ..... 12	26"	5' 3" x 30"	30"	

~~FORGINGS and CASTINGS.~~

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL, Bar</b> .....	$7\frac{1}{2} \times 1\frac{1}{8}$	B. Plate	Connell Iron Co.	
<b>STEM</b> .....	$7\frac{1}{2} \times 1\frac{1}{8}$	" "	" "	
<b>STERN FRAME</b> {	Propeller Post .....	$5\frac{3}{4} \times 3$	Emerson	Walker & Co.
	Rudder " .....	$5\frac{1}{2} \times 3$		
<b>RUDDER—A x D</b> .....		63.25		
<b>Speed of Vessel</b> .....	Under Ten Knots.			
<b>RUDDER</b> mainpiece at head ...		$4\frac{1}{2}$	J. Lewis & Sons Ltd	
" " heel ...		$4$		
" how constructed .....	mainpiece + arms = mild rolled steel. arms brunk on + keyed to main piece.			
" <del>double or</del> single plate	Singles			
" coupling, vertical or horizontal .....	none.			

STEEL.

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

*Cargo Steel Iron Co. Ld. Dorman Long & Co. Ld. The Steel Co. of Scotland Ld.*

*Balckow Vaughan & Co. Ld. The Consett Iron Co. Ld.*

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.)

Particulars of <b>Drop Test</b> of	1st Bower
Cast Steel Anchors, viz. . . . .	✓
Weight, Surveyor's Initials, . . . . .	2nd " ✓
Number of Certificate, Date of Test, . . . . .	3rd " ✓

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 R.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) One Deck.

Official No. 139836 ; Signal Letters ✓ Is bottom of Vessel coated with cement Yes. if not give particulars of composition Cemented solid to top of floors in Boiler Space and Bunkers.

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,	5.37	13.
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. 1780

Date 8. 11. 29.

Dates of Surveys held while building

1930 = Feb. 25. March 11. 13. 21. 24. April 4. 7. 10. 14. 22. 25. 28.  
May. 2. 9. 15. 16. 21. 27. 29. 30. June 4. 10. 13. 20. 26. July 1. 3. 7.

Total No. of Visits 28.