

Rpt. 1

STEEL STEAMER MOTORSHIP.

Received at London Office

14 AUG. 1930

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 12th August 1930.Port of HULL.No. 41110Survey held at BEVERLEY & HULLDate First Survey Apr. 1928.Last Survey August 1930On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) SINGLE SCREW KETCH. "WELSBACH"State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) STEAM TRAWLER.State Type of Erections QUARTER DECK FEEL.TONNAGE under Tonnage Deck... 332.66CLASS + 100 A.1.
STEAM TRAWLER.State if with freeboard as condition of Class NoBuilt at BEVERLEY.Launched 10-7-30 Yard No. 550Builders COOK, WELTON & GEMMELL LTDOwners F. T. ROSS LTD HULL.Managers (Where necessary to be entered in Reg. Book.)Residence WEST DOCK AVENUE HULL.Port of Registry HULL.

If surveyed while building, afloat, or in dry dock

BUILDING AND AFLOAT.

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

Total 332.66Gross Tonnage 369.48Register Tonnage 148.90

REGISTERED DIMENSIONS. FEET.

Length 143.6Breadth 24.55Depth 13.2Length from fore part of stem to after part of stern post on summer L.W.L. Sec. 3 (1a) L 143.58Breadth (greatest moulded) B 24.50Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. Sec. 3 (1a) D 14.251st Longitudinal Number (L x D) = 20462nd Numeral L x (B + D) = 5564Framing Depth "d," at middle of length. Sec. 3 (1d) ✓Proportions—Depth to Length—Uppermost continuous deck to top of keel 10.07Do. 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	20	To	21	✓	Bracket Floors, Frame				
" " from length to Collision bulkhead		16		✓	" " Reversed Frame				
" " in peaks	16	To	20	✓	" " Vertical Struts				
SIDE FRAMING.					Centre Girder, depth and thickness amidships				
Frame Amidships, Angle, $\frac{1}{2}$ x $\frac{1}{2}$	5	3	8/20	✓	" " top Angles				
" " Extends up to	DECK.				" " bottom Angles				
Reversed Frame Amidships, Angle	3	3	38	✓	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 IS FITTED.				" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem				
Frames in Uppermost Continuous 'tween Decks, Angle, [or]					" " Vertical Angle to Tank side Bracket forward $\frac{1}{4}$ len. from stem				
" " Second 'tween Decks, Angle, [or]					" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem				
" " Third " " " "					" " Gussets, spacing and scantling forward $\frac{1}{4}$ len. from stem				
Framing in Peaks, Angle $\frac{1}{2}$ x $\frac{1}{2}$	5	3	8/20	✓	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 1/4	✓	INNER BOTTOM PLATING.				
State if Frame Joggled	No				Breadth and thickness of Middle Line Strake				
PANTING ARRANGEMENTS (Sec. 3, state system and particulars)	LOWER DECK STRINGER & BEAMS. LOWER FRAME SPACING & RIVETING.				Thickness of remainder in Holds				
STRENGTHENING 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?				
SINGLE BOTTOM.					BEAMS.				
Floors, Depth and thickness at mid-line in Holds	18		38	✓	Uppermost Continuous Deck, amidships in Wells, Angle, $\frac{1}{2}$ x $\frac{1}{2}$	6	3	9/20	✓
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	8	3 1/2	44	✓	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	5	4	42	✓	Spacing				
" " thickness of Intercoastal Plate	NONE				Fourth Deck, amidships, Angle, [or]				
" " Angles	5	4	8/20	✓	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]	4	3	38	✓
					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.
PILLARS , 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			
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.	30	6/16	✓	Stringer Plate, breadth and thickness.....			
Stringer Plate, breadth and thickness in Wells				If Plated, state thickness			
" " " , in way of Bridge	✓			Poop Deck.			
" Angle in Wells	3	3 - 3/8	✓	Stringer Plate, breadth and thickness			
Thickness of Plating abreast Deck openings) in way of Wells	11	6/16	✓	Plating, Sheathing, material and thickness ...			
Thickness of Plating abreast Deck openings) in way of Bridge	5/16	6/16	✓	Bridge Deck.			
Thickness of Plating within line of openings...	6/16	7/16	✓	Stringer Plate, breadth and thickness.....			
If Sheathed, material and thickness	3" Pitch PINE.		✓	Plating, Sheathing, material and thickness ...			
Second Deck.				Forecastle Deck. WHALEBACK			
Stringer Plate, breadth and thickness in Wells...	✓			Stringer Plate, breadth and thickness.....	- 31		✓
				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		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"	FRODINGHAM	✓	
STEM	"	"	STEEL CO	✓	
STERN FRAME {	Propeller Post	Forging	6 x 3 1/4	T. S. FORSTER	✓
	Rudder "	"	6 x 3 1/4	OF SUNDERLAND	✓
RUDDER—A x D		24 x 41 1/2 x 2 x 12 = 94 x 1		✓	
Speed of Vessel		UNDER 12 KNOTS		✓	
RUDDER mainpiece at head ...	FORGING	5 3/4	T. S. FORSTER	✓	
" " heel ...		4 x 3	OF SUNDERLAND.	✓	
" how constructed ...		STOCK, BOW AND ARMS IN ONE PIECE.			
" double or single plate		30		✓	
" 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)

CARGO FLEET, CONSETT IRON CO, SOUTH DURHAM, APPLEBY STEEL CO.

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

OPEN HEARTH PROCESS.

Lloyd's Register
Foundation

EQUIPMENT No. 5563										LETTER P.	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.			
63848	1st Bower ...	8	3	0	NONE			10	17	2	0	8½	DEADWIGHT STOCKLESS	SAMUEL TAYLOR	Tipton 19/6/30 W.A. DRYSDALE
63847	2nd „ ...	8	0	21	NONE			10	5	0	0	8	“ “	“ “	“ 19/6/30 “
	3rd „ ...														
	Collective weight.	16	3	21								16½			
63781	Stream	3	1	7		3	11	5	14	1	14	3½	RODGERS / ROLL STOCK	“ “	“ 3/5/30 “

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.	Statutory.	Break-ing.	Supplied.	Per Rule.			Length. Diam.						Length. Cir.	Ins.	Tons.	Length. Cir.	Ins.	
66196	1206 1/8	22 3/4	34 8	79-0-19	77 3/4			120 1/8		STUD LINK	SAMUEL TAYLOR GRIERLEY HILL	Tipton 21/5/30 W.A. DAVISON	TOWLINE ...	60	6		60	6	
													HAWSERS & WARPS	60	5		60	5	
Iron Stream Chain or Steel Wire	✓	Cir.						Cir.					"	✓					

Steering Gear, Steam **GENNELL & FROW. HULL** Steering Gear, Hand **RELIEVING TACKLES.**

Boats **1 WOOD CUTTER** Steering Chains, Size and Test **7/8" DIA.** Windlass **GENNELL & FROW HULL COMBINED STEAM & HAND.**

Ceiling in Holds, thickness and material **3" OAK & 2 1/4" PITCH PINE.** Cargo Battens, thickness, material and spacing **2" PITCH PINE CLOSE LINED.**

Cargo Hatchways.—(Upper Deck) **STEEL PLATE COAMINGS.** Thickness of Hatches **3"**

Size of No. 1 Hatchway (Forward) **2'5" x 3'1"** No. 2 **3'5" x 3'1"** No. 3 **2'5" x 3'1"** No. 4 **3'5" x 3'1"** No. 5 **4'0" x 3'1"** No. 6 **✓**

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

COOK, WELTON & GENMELL, LTD.,

Builder's Signature

Secretary & Director

GENERAL DECLARATION

The amount of Entry Fee £ **3 : 0 : 0** Fees applied for, **13.8 1930**

Special Survey Fee.... £ **37 : 0 : 0** Received by me, **11.9 1930**

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

I am of opinion the Vessel should be Classed **100A1.**
STEAM TRAWLER.

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

Signature **W. B. Engledow**
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to **Hull.** Date of issue **12/9/30.**

Committee's Minute **TUE. 19 AUG 1930**
Character assigned **+ 100A1**
Steam Trawler

Lloyd's A.R.C.P. + Limb 8.30 CL

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 steamer 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, deck and gutterways, canopy and pump, have been tested.

The approved plans are — Midship section, Profile and deck plan, Stern frame and rudder and pumping arrangement.

The Census cannot have been obtained for dispensing with the shell connection to the gunting stringer.

Plan return approved plans after noting as a sister vessel is still under construction.

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) 1 DE

Official No. 2461; Signal Letters YES

Is bottom of Vessel coated with cement YES if not give

particulars of composition ✓ Bituminous and 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,		
Total capacity of double bottom			(If necessary, furnish further information by sketch.)		

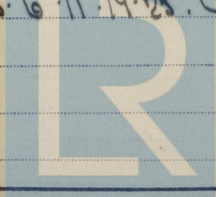
* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. 2461

Date 8.3.30

Dates of Surveys held while building

1930 Apr. 15. 29. 29. May. 2. 8. 14. June 3. 6. 11. 14. 28. July 1. 9. 14. 29. 29. Aug 2.
25.9



Lloyd's Register Foundation
Total No. of Visits 20