

STEEL STEAMER ~~OR~~ MOTORSHIP.

Received at London Office 27 NOV 1934

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

22nd NOVEMBER 1934.

Port of

HULL

No. 45298

Survey held at

BEVERLEY AND HULL

Date First Survey

14th July 1934

Last Survey

21st November

19 34.

On the

(State if Machinery fitted in and if Single, Twin or Triple Screw)

SINGLE SCREW KETCH.

"PENTLAND FIRTH"

State Type

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

STEAM TRAWLER

State Type of Erections

RANDED BULKHEADS AND CHANGERS.

TONNAGE under Tonnage Deck

424.17

CLASS

100A.1.

State if with freeboard as condition of Class

NO

Built at

BEVERLEY.

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 164.0

Launched 26th SEPTEMBER 1934

Yard No. 577

Total

424.17

Breadth (greatest moulded)

B 27.25

Builders COOK, WELTON & GENNELL LTD

Gross Tonnage

484.92

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

D 15.25

Owners FIRTH STEAM TRAWLING CO. LTD

Register Tonnage

189.08

1st Longitudinal Number (L x D) = 2501.0

Managers

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

2nd Numeral L x (B + D) = 6970.0

Residence ST. ANDREW'S DOCK

HULL.

REGISTERED DIMENSIONS.

FEET.

Length

164.4

Breadth

27.35

Depth

14.4

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

10.75

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

10.08

Do. Long Bridge to top of keel

Draught Moulded

Port of Registry HULL.

If surveyed while building, afloat, or in dry dock

BUILDING AND AFOAT.

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	16 TO 20	21	Bracket Floors, Frame		
" " from $\frac{1}{2}$ length to Collision bulkhead.....	16		" " Reversed Frame		
" " in peaks.....	20 AND 16		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, \angle or \square	5 3 38		" " 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		
Frames in Uppermost Continuous 'tween' Decks, Angle, \angle or \square			Bracket abaft $\frac{1}{2}$ len. from stem		
" " Second 'tween Decks, Angle, \angle or \square			" " Vertical Angle to Tank side		
" " Third " " " " " "			Bracket forward $\frac{1}{2}$ len. from stem		
Framing in Peaks, Angle or \angle	5 3 38		" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem.....		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	$\frac{3}{4}$ 54		" " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem.....		
State if Frame Joggled	NO		Tank Side Brackets, height above base line at toe of Frame and thickness		
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	LOWER DECK STRINGER AND BEAMS CLOSER		INNER BOTTOM PLATING.		
STRENGTHENING OF BOTTOM FORWARD. State Particulars	FRAME SPACING AND RIVETING.		Breadth and thickness of Middle Line Strake		
SINGLE BOTTOM.			Thickness of remainder in Holds		
Floors, Depth and thickness at mid-line in Holds	19' x .40		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?		
Height of Brackets at side above base line at toe of frame	FLAT TOPPED.		BEAMS.		
Middle Line Keelson, on Floors, Angles, \angle or \square	8 3 1/2 44		Uppermost Continuous Deck, amidships in Walls, Angle, \angle or \square	6 3 40	
" " " Through Plate or Intercostal Plate.....			" " " in way of Bridge, Angle, \angle or \square		
" " " Foundation Plate on Floors			Spacing	ALTERNATE FRAMES.	
" " " Flat Plate Keel Angles			Second Deck, amidships, Angle, \angle or \square		
Side Keelsons, No. each side	ONE 5 4 48		Spacing.....		
thickness of Intercostal Plate.....	NONE.		Third Deck, amidships, Angle, \angle or \square		
" " Angles SIDE STRINGER	5 4 40		Spacing.....		
DOUBLE BOTTOM.			Fourth Deck, amidships, Angle, \angle or \square		
Solid Floors, thickness and spacing			Spacing.....		
" " Are Frame and Reversed Frame joggled?			Poop Deck, Angle, \angle or \square		
Bracket Floors, breadth and thickness at middle line.....			Spacing.....		
" " breadth and thickness at margin plate.....			Bridge Deck, Angle, \angle or \square		
			Spacing.....		
			WHARFBACK Forecastle Deck, Angle, \angle or \square	4 1/2 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.
PILLARS, 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 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.			Stringer Plate, breadth and thickness.....		
Stringer Plate, breadth and thickness in Wells	34" x .38	✓	If Plated, state thickness		
„ „ „ „ in way of Bridge	✓		Poop Deck.		
„ Angle in Wells	3 3 .38	✓	Stringer Plate, breadth and thickness		
Thickness of Plating abreast Deck openings in way of Wells	11 x .38	✓	Plating, Sheathing, material and thickness ...		
Thickness of Plating abreast Deck openings in way of Bridge38	✓	Bridge Deck.		
Thickness of Plating within line of openings...	.44-.30-.34	✓	Stringer Plate, breadth and thickness.....		
If Sheathed, material and thickness	ARCH PINE 5" x 3"	✓	Plating, Sheathing, material and thickness ...		
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells...	✓		Stringer Plate, breadth and thickness.....	.31	✓
			Plating, Sheathing, material and thickness31	✓

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

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	ROLLED	8x2	FROTHINGHAM STEEL.	
STEM				
STERN FRAME {	FORGED	6, 3 3/4	T.S. FORSTER & SONS	
{ Propeller Post				
{ Rudder "		"	SUNDERLAND.	
RUDDER—A x D			DERTZ PATENT RUDDER	
Speed of Vessel		11 3/4 KNOTS.		
RUDDER mainpiece at head ...	FORGED	6 3/4 DIA	T.S. FORSTER & SONS	
" " heel ...		"	SUNDERLAND.	
" " how constructed			PLATES AND ANGLES AS PER APPROVED PLAN.	
" " double or single plate			140 SIDE PLATES	
" " coupling, vertical or horizontal			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.*
CASETT/IRON CO, DORRAN LONG & CO, SOUTH THURMAN STEEL CO, FLODINGHAM/IRON CO, SWINDINGROVE/IRON CO, CARGO FLEET STEEL CO.
ARMLEIGH/IRON CO. COLVILLE'S STEEL CO.
Has the Steel been tested as required by the Rules? *YES.*

EQUIPMENT No. 6970												LETTER M	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.			
93889	1st Bower ...	10	3	24	NONE			12	17	2	0	10 1/2	STOCKLESS	S. TAYLOR & SONS	NETHERTON 29-9-34 H. GREEN
93888	2nd „ ...	10	1	17	NONE			12	8	3	0	10	"	"	" 29-9-34 H. GREEN
	3rd „ ...														
	Collective weight.	21	1	13								20 1/2			
93890	Stream	4	0	13	1	0	4	6	10	0	0	4	RODGERS / ROUNSTOCK	S. TAYLOR & SONS	NETHERTON 29-9-34 H. GREEN

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.	Statu-tory.	Break-ing.	Supplied.	Per Rule.			Length. Diam.					Length. Cir.	Tons.	Length. Cir.				
98790	15	1 3/16	25 1/2	38	10-3-20														
98791					10-3-20														
98792					10-3-0														
98793					11-0-15														
98794					10-3-23	108 1/2	150	1 3/16											
98795					11-0-3														
98796					10-3-24														
98797					11-0-10														
98798					11-0-0														
98799					11-0-30														

Steering Gear, Steam
BY **DAVIDSON & CO. NEWCASTLE**
Steering Gear, Hand
TILLER

Boats **ONE WOOD CUTTER**
Steering Chains, Size and Test
1" Dia. 12 TONS TEST.
Windlass
BY GENNELL & FRON. HULL.

Ceiling in Holds, thickness and material
3" OAK AND 2 1/2" PITCH PINE.
Cargo Battens, thickness, material and spacing
CLOSE LINED 9" x 2" PITCH PINE.

Cargo Hatchways.—(Upper Deck)
STEEL PLATES AND ANGLES
Thickness of Hatches
3"

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

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

COOK, WELTON & GENNELL, LTD.
Builder's Signature
A. J. G. Gennell
Secretary & Director

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.

This trawler has been built in accordance with the approved plans and Society Rules. The workmanship and materials appear to be satisfactory. The fore and after peak, cod liner oil tank, watertight flat aft, cod liner undue tank in cruiser stern, deck and gutters, canyis and hand pumps have been tested. The vessel is fitted with a cruiser stern and Centy rudder.

The approved plans are:—Midships section, profile and deck, stern frame and Centy rudder and pumping arrangements, and cod liner undue tank.

This vessel has been supplied with two 60 fathoms of 4" circum. combination wire ropes instead of the 6" and 5 1/2" hemp ropes (As denined by the Census)

The amount of Entry Fee £ **3-0-0**
Fees applied for, **26 NOV 1934**

Special Survey Fee.... £ **48-10-0**
Received by me, **11.12.34**

Travelling Expenses, if any £ **12-9**

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

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

Signature **A. J. G. Gennell**

Certificate to be sent to **HULL**
Date of issue **2/1/35**

Committee's Minute **FRI. 30 NOV 1934**

Character assigned **+ 1000**

Steam Trawler

Lloyd's acc. + Limb 11.34

7.2, 11.34

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1st Bower	✓
2nd "	✓
3rd "	✓

(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ✓

Official No. ; Signal Letters

Is bottom of Vessel coated with cement YES if not give

particulars of composition *BITUMASTIC ABOVE BOTTOM CEMENT*

Where Fitted.	*Length. Feet.	Water Capacity Tons.
Double bottom, aft,		
Double bottom, under Engines and Boilers,		
Double bottom, if under Engines only,		
Double bottom, if under Boilers only,		
Double bottom, forward,		
Total capacity of double bottom		

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.)		

Cooler On
Water Capacity.

COD LIVER OIL TANK AFT. **11-66** **11-0**

Cooler Reserve Tank Is Chrome Steel. **12-0** **10-0**

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

Order for Special Survey No. 3047.

Date 19 July 1934

Dates of Surveys

1934.

July 17, 20, 26, 30. Aug 3, 9, 14, 20, 24, 29. Sept 3, 7, 12, 17, 21, 24, 26.
Oct 2, 4, 9, 12, 19, 23, 29. Nov 1, 5, 8, 12, 14, 17, 19, 22.

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Total No. of Visits 52