

STEEL STEAMER ~~OR~~ MOTORSHIP.

Received at London Office 12 DEC 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 8th DECEMBER 1934 Port of HULL No. 45342
 Survey held at BEVERLEY AND HULL Date First Survey 19th July 1934 Last Survey 4th December, 1934
 On the SINGLE SCREW KETCH "ST. ACHILLEUS"

State Type STEAM TRAWLER State Type of Erections RAISED QUINCE DECK AND WHARF

TONNAGE under Tonnage Deck... 424.17 CLASS 100 A.I. 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) 164.0 Launched 11th October 1934 Yard No. 595

Total 424.17 Breadth (greatest moulded) 27.25 Builders COOK, WELTON & GEMMELL LTD

Gross Tonnage 484.37 Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) 15.25 Owners THOMAS HANLING & CO. LTD

Register Tonnage 188.82 1st Longitudinal Number (L x D) 2501.0 Managers ✓
 (Where necessary to be entered in Reg. Book.)

REGISTERED DIMENSIONS.

Length 164.4 Framing Depth "d," at middle of length. See Sec. 3 (1d) 10.08 Residence ST. ANDREW'S DOCK, HULL.
 Breadth 27.35 Proportions—Depth to Length—Uppermost continuous deck to top of keel 10.08 Port of Registry HULL.
 Depth 14.4 Draught Moulded ✓ If surveyed while building, afloat, or in dry dock BUILDING AND 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.
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 Bracket abaft $\frac{1}{4}$ len. from stem		
Frames in Uppermost Continuous tween Decks, Angle, \angle or \square			" " Vertical Angle to Tank side Bracket forward $\frac{1}{4}$ len. from stem		
" " Second tween Decks, Angle, \angle or \square			" " 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, \angle or \square	5 3.38		Tank Side Brackets, height above base line at toe of Frame and thickness		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	$\frac{3}{4}$ 5 $\frac{1}{4}$		INNER BOTTOM PLATING.		
State if Frame Joggled	NO		Breadth and thickness of Middle Line Strake		
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars	LOWER DECK STRINGER AND BEAMS, CLOSER FRAME SPACING AND 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	19' x .40		Uppermost Continuous Deck, amidships in Holds, Angle, \angle or \square	6 3.40	
Height of Brackets at side above base line at toe of frame	FLAT TOPPED		" " in way of Bridge, Angle, \angle or \square		
Middle Line Keelson, on Floors, Angles, \angle or \square	8 3 $\frac{1}{2}$.44		Spacing	ALTERNATE FRAMES	
" " Through Plate or Intercoastal Plate			Second Deck, amidships, Angle, \angle or \square		
" " Foundation Plate on Floors			Spacing		
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, \angle or \square		
Side Keelsons, No. each side	ONE 5 4.48		Spacing		
thickness of Intercoastal Plate	NONE.		Fourth Deck, amidships, Angle, \angle or \square		
Angles	1 SIDE STRINGER 5 4.40		Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, \angle or \square		
Solid Floors, thickness and spacing			Spacing		
" " Are Frame and Reversed Frame joggled?			Bridge Deck, Angle, \angle or \square		
Bracket Floors, breadth and thickness at middle line			Spacing		
" " breadth and thickness at margin plate			Wharfedale Forecastle Deck, Angle, \angle or \square	4 $\frac{1}{2}$ 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 DIAB			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	TIE 11' x 38'			Plating, Sheathing, material and thickness ...			
Thickness of Plating abreast Deck openings } in way of Bridge E-13	38			Bridge Deck.			
Thickness of Plating within line of openings... 44 - 30 - 34				Stringer Plate, breadth and thickness.....			
If Sheathed, material and thickness PITCH PIPE 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 thickness ...		31	

SHELL PLATING.

SCANTLINGS.						RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. <i>No</i> State if jogged?			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.		
GAR Flat Plate Keel A.	32'	.50	.50	.50		Double	3/4	3"	2 Rows	3/4	2 5/8"	STRAPS	
„ Diag. (if any) B	56	.40	.50	.38		"	"	"	3 "	"	"	LAPS	
BOTTOM PLATING, No. of Strakes C	57	.44	.50	.38		"	"	"	3 "	"	"	"	
BILGE PLATING, No. of Strakes D	55	.40	.38	.38		"	"	"	3 "	"	"	"	
SIDE PLATING, No. of Strakes E	57	.44	.38	.38		"	"	"	3 .	"	"	STRAPS	
UPPER DECK, Sheer-strake in Wells..... F	57	.42	.38	.38		"	"	"	3 .	"	"	"	
UPPER DECK, Sheer-strake in Bridge ... G	42	.625	.44	.44		"	"	"	3 .	"	"	"	
STRAKE BELOW SHEER- strake in Wells.....)													
STRAKE BELOW SHEER- strake in Bridge ...)													
POOR SIDE PLATING													
BRIDGE SIDE PLATING ...													
FORECASTLE SIDE PLATING				.31									

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—		4	
Extending to Upper Deck (Sec. 3 c)		✓	
,, Deck next below		3	
As per Rule			

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks					
„ „ Second „					
„ „ Third „					
„ „ Holds		73A. 44-326.3.34	30	✓	✓
COLLISION „ (in Hold)		73A. 40-306.3.34	24	✓	✓
AFTER PEAK „ „		44-305.3.36	24	✓	✓
		26			

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	ROLLED	8 x 2	T. S. FORSTER & SONS	
STEM	"	"	SUNDERLAND.	
STERN FRAME { Propeller Post	FORGED	6 x 3 3/4	T. S. FORSTER & SONS	
{ Rudder	"	"	SUNDERLAND.	
RUDDER—A x D	BERTZ 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	40 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.*

Has the Steel been tested as required by the Rules? *YB.*

EQUIPMENT No. 6970										LETTER u		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.
93885	1st Bower ...	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	STOCKLESS	S. TAYLOR & SON	NEWCASTLE 29-9-34 H. GREEN.
93886	2nd „ ...	10	0	20	NONE			12	4	1	14	10	„	„	„
	3rd „ ...		✓									✓			
	Collective weight.	21	0	0								20½			
93891	Stream	4	0	7	1	0	3	6	10	0	0	4	RODGERS/IRON STOCK	„	„

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.		Length.	Cir.			
98834	15	1 3/16	25 3/8	38	11-0-6				STUB LINE NAMES GIVEN NEWCASTLE 29-9-34 H. GREEN.			TOWLINE...	✓	✓	✓	✓				
98835	11-0-13					✓	✓	✓	✓		
98836	11-0-0										
98837	10-3-15										
98838	10-3-19	108 1/2	150 1 3/16			60	4 1/2	✓	60	6	
98839	10-3-17					60	4 1/2	✓	60	5 1/2
98840	10-0-5									
98841	10-3-15									
Iron Steam Chain or Steel Wire	10-3-9										
98842	10-3-10				.	.	.	.				
98843								

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

Boats *ONE WOOD CUTTER* Steering Chains, Size and Test *1" DIA 12 TONS TEST.* Windlass *BY GENHOU & FROM HULL*

Ceiling in Holds, thickness and material *3" OAK AND 2 1/2" PITCH PINE.* Cargo Battens, thickness, material and spacing *CLOSE LINED 9 1/2" 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' 1" 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 & GEMMELL, LTD.

Builder's Signature

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's Rules. The workmanship and materials appear to be satisfactory. The fore and after peaks, cod liner oil tank, watertight flat aft, cod liner under tank in cruiser stern, decks and guttersways, carings and hand pumps, have been tested. The vessel is fitted with a cruiser stern and Cety rudder.

The approved plans are:—Midship section, profile and deck, stern frame and Cety, rudder and pumping arrangement, and cod liner under 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 desired by the Owner)

THIS VESSEL IS A SISTER SHIP TO THE "PENTLAND FIRTH" HULL F.E. REPORT NO 45298.

The amount of Entry Fee £ *3-0-0* Fees applied for *11 DEC 1934*

Special Survey Fee.... £ *48-8-0* Received by me, *11-11-11 1935*

Travelling Expenses, if any £ *11-11*

I am of opinion the Vessel should be Classed *100A.1.*

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

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

Certificate to be sent to *Hull* Date of issue *14/1/35*

Committee's Minute

Character assigned

FRI. 21 DEC 1934

+ 100A.1
Steam Trawler

Lloyd's arcl. + Limb 12.34
7D, CL

My

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Lloyd's Register Foundation

W79-0138 4/2

[illegible]

Year	Month	Day	Time	Location	Remarks
1901	Jan	1	10-3-10	...	...
1901	Jan	2	10-3-10	...	...
1901	Jan	3	10-3-10	...	...
1901	Jan	4	10-3-10	...	...
1901	Jan	5	10-3-10	...	...
1901	Jan	6	10-3-10	...	...
1901	Jan	7	10-3-10	...	...
1901	Jan	8	10-3-10	...	...
1901	Jan	9	10-3-10	...	...
1901	Jan	10	10-3-10	...	...
1901	Jan	11	10-3-10	...	...
1901	Jan	12	10-3-10	...	...
1901	Jan	13	10-3-10	...	...
1901	Jan	14	10-3-10	...	...
1901	Jan	15	10-3-10	...	...
1901	Jan	16	10-3-10	...	...
1901	Jan	17	10-3-10	...	...
1901	Jan	18	10-3-10	...	...
1901	Jan	19	10-3-10	...	...
1901	Jan	20	10-3-10	...	...
1901	Jan	21	10-3-10	...	...
1901	Jan	22	10-3-10	...	...
1901	Jan	23	10-3-10	...	...
1901	Jan	24	10-3-10	...	...
1901	Jan	25	10-3-10	...	...
1901	Jan	26	10-3-10	...	...
1901	Jan	27	10-3-10	...	...
1901	Jan	28	10-3-10	...	...
1901	Jan	29	10-3-10	...	...
1901	Jan	30	10-3-10	...	...
1901	Jan	31	10-3-10	...	...

None

To stock	3' x 3' x 3/4"	3' x 3' x 3/4"	3' x 3' x 3/4"	3' x 3' x 3/4"	To stock
3' x 3' x 3/4"	3' x 3' x 3/4"	3' x 3' x 3/4"	3' x 3' x 3/4"	3' x 3' x 3/4"	3' x 3' x 3/4"

Steel plates and angles

3

Close ends of 2' diameter

1" dia 12 ton test

3' diameter from Hull

18' Down 0' 6' Newcastle

The Wood Cutter

This branch has been built in accordance with the approved plans and designs
 No. 11
 No. 12

The proposed plan is: Membership section, profits and loss, share names and Certificates and Resolving arrangement and our fair market value.

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. 89.5 ft., Bridge ✓ ft., Forecastle 29.25 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) 10 11-11
Official No. : Signal Letters Is bottom of Vessel coated with cement Yes. if not give

[illegible]

Double bottom, if under Boilers only.		Deep tank, forward.	COOLING OIL TANK AFT.	11'66	11'0
Double bottom, forward.		Other tanks, if fitted.	COOLING RESIDUE TANK 1st CRUISER STERN.	12'0	10'0
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. 3048.

Date 19th July 1934.

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, 24. Nov 6, 12, 22, 27, 28, 30. Dec 4.

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Dr. Helmut ... Foundation Total No. of Visits 31.