

## STEEL STEAMER OR MOTORSHIP.

Received at London Office

State if Report has been sent on the Freeboard of the Vessel NOState if Report is sent on the Machinery of the Vessel YESDate of completion of report 26th JULY, 1946 Port of HULL No. 53623Survey held at BEVERLEY & HULL Date First Survey 9. 10. 45 Last Survey 18th JULY 1946On the (State if Machinery fitted Aft and Fore) STEEL STEAM TRAWLER "ST MATTHEW"State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) FULL SCANTLING State Type of Erections FORECASTLE & RQ DECKTONNAGE under Tonnage Deck ... 417.91 CLASS 100A1 State if with freeboard NO Built at BEVERLEYDo. 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) 163.66 Launched 15th MAY, 1946 Yard No. 764Total 417.91 Breadth (greatest moulded) B 27.50 Builders COOK, WELTON & GEMMELL LTD.Gross Tonnage 536.08 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 ST ANDREWS STEAM FISHING CO. LTD.Register Tonnage 191.88 1st Longitudinal Number (L x D) 2495.815 Managers ✓ (Where necessary to be entered in Reg. Book)REGISTERED DIMENSIONS. FEET Residence HULLLength 166.95 Framing Depth "d," at middle of length. See Sec. 3 (1d) 13.67 Port of Registry HULLBreadth 27.70 Proportions—Depth to Length—Uppermost continuous deck to top of keel 10.72 If surveyed while building, afloat, or in dry dockDraft 14.40 Draught Moulded ✓ BUILDING & 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	21½, 21, 20½, 20	✓	Bracket Floors, Frame	—	—
" " from ½ length amidships to Collision bulkhead	17	✓	" " Reversed Frame	—	—
" " in peaks	17, 19½	✓	" " Vertical Struts	—	—
SIDE FRAMING.			Centre Girder, depth and thickness amidships	—	—
Frame Amidships, Angle, <u>E or F</u>	5½ 3 .40	✓	" " top Angles	—	—
" " Extends up to	UPPER RQ DECK	✓	" " bottom Angles	—	—
Reversed Frame Amidships, Angle	3 3 .38 .42 BS	✓	Side Girders, No. each side and thickness	—	—
" " Extends up to	DOUBLE IN EMB SPACE	✓	Margin Plate depth (excl. of flange) and thickness	—	—
Depth of Framing Girder	5½	✓	" " Vertical Angle to Tank side Bracket abaft ¼ len. from stem	—	—
Frames in Uppermost Continuous 'tween Decks, Angle, <u>E or F</u>	—	—	" " Vertical Angle to Tank side Bracket from forward ¼ len. from stem to Panting Area	—	—
" " Second 'tween Decks, Angle, <u>E or F</u>	—	—	" " Gussets, spacing and scantling abaft ¼ len. from stem	—	—
" " Third " " " "	—	—	" " Gussets, spacing and scantling from forward ¼ len. from stem to Panting Area	—	—
" " from ½ len. for'd. to 15% len. from Stem	5½ 3 .40	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	—	—
" " in Peaks, Angle <u>E or F</u>	5½ 3 .40	✓	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	¾ : 5/8	✓	Breadth and thickness of Middle Line Strake	—	—
State if Frame Joggled	YES	✓	Thickness of remainder in Holds	—	—
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	YES	✓	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?	—	—
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	YES	✓	BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, <u>E or F</u>	6 3 .40	✓
Floors, Depth and thickness at mid-line in Holds	19x .40, .44 EMB SPACE	✓	" " in way of Bridge, Angle, <u>E or F</u>	—	—
Height of Brackets at side above base line at toe of frame	—	—	Spacing	ON ALTERNATE FRAMES	✓
Middle Line Keelson, on Floors, Angle, <u>E or F</u>	15x .44x .36 .37 16	✓	RQ Second Deck, amidships, Angle, <u>E or F</u>	6 3 .40	✓
" " Through Plate or Inter-costal Plate	—	—	Spacing	ON ALTERNATE FRAMES	✓
" " Foundation Plate on Floors	—	—	RQ IN WAY OF OIL FUEL BUNKER Third Deck, amidships, Angle, <u>E or F</u>	5 3 .40	✓
" " Flat Plate Keel Angles	—	—	Spacing	ON EVERY FRAME	✓
Side Keelsons, No. each side	ONE	✓	LOWER FORWARD Fourth Deck, amidships, Angle, <u>E or F</u>	5 3 .32	✓
" " thickness of Inter-costal Plate	—	—	Spacing	ON ALTERNATE FRAMES	✓
" " Angles	5 4 .46	✓	LOWER AFT Peep Deck, Angle, <u>E or F</u>	4 3 .34	✓
DOUBLE BOTTOM.			Spacing	ON EVERY FRAME	✓
Solid Floors, thickness and spacing	—	—	Bridge Deck, Angle, <u>E or F</u>	—	—
" " Are Frame and Reversed Frame joggled?	—	—	Spacing	—	—
Bracket Floors, breadth and thickness at middle line	—	—	Forecastle Deck, Angle, <u>E or F</u>	6 3 .40	✓
" " breadth and thickness at margin plate	—	—	Spacing	ON ALTERNATE FRAMES	✓



## PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows .....	— — —	
" in 'tween Decks, Size and Spacing .....	— — —	
" " " " " " " "	— — —	
" in Holds " BELOW FOREMAST ✓	2 - 3" DIAM ✓	
" " " ON 79 FRAME ✓	1 - 3" " ✓	
FORECAST Centre Line Bulkheads IN OIL FUEL BUNKER ✓	6 x 3 x 32 a (PS) ✓	
Stiffeners and Spacing .....	6 x 3 x 36 b (SS) ✓ 20 1/2" L 20"	
Plating, thickness of .....	3/4" - .30" ✓	
STRINGERS AND DECKS. Uppermost Continuous Deck. Stringer Plate, breadth and thickness in Wells ✓	3 1/4 x 38 - .31 ✓	
" " " " in way of Bridge	— — —	
" Angle in Wells .....	3 1/2 3 .38 ✓	
Thickness of Plating abreast Deck openings } in way of Wells TIE PLATES ✓	.38 ✓ 4 1/4" IN WAY OF MAST ✓	
Thickness of Plating abreast Deck openings } in way of Bridge	— — —	
Thickness of Plating within line of openings... FORWARD	.31" ✓	
If Sheathed, material and thickness.....	5 x 3 DOUGLAS FIR ✓	
R.Q Second Deck. Stringer Plate, breadth and thickness in Wells	.31" ✓ 3 1/4 L 38 ABREAST CASINGS ✓	
Stringer Plate, breadth and thickness in way of Bridge }	— — —	
Thickness of Plating abreast Deck openings }	.31" ✓	
Thickness of Plating abreast Deck openings }	— — —	
Thickness of Plating within line of openings...	.31" ✓	
If Sheathed, material and thickness.....	5 x 3 DOUGLAS FIR ✓	
Third Deck. Stringer Plate, breadth and thickness.....	— — —	
If Plated, state thickness .....	— — —	
Fourth Deck. Stringer Plate, breadth and thickness.....	— — —	
If Plated, state thickness.....	— — —	
Poop Deck. Stringer Plate, breadth and thickness.....	— — —	
Plating, Sheathing, material and thickness ...	— — —	
Bridge Deck. Stringer Plate, breadth and thickness.....	— — —	
Plating, Sheathing, material and thickness ...	— — —	
Forecastle Deck. Stringer Plate, breadth and thickness.....	.26" ✓	
Plating, Sheathing, material and thickness...	.26" .38 UNDER WINDLASS 5 x 2 1/2 DOUGLAS FIR ✓	

## SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			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.		
GARBOARD STRAKE												
Flat Plate Keel.....	32✓	.50✓	.44✓	.44✓		DOUBLE	3/4	615 PER SPACE	3/4	25/8	STRAPPED	
" <del>Dblg.</del> (if any)	—	—	—	—								
Bottom Plating, No. of Strakes 2.....	A 57✓ B 56✓	.42✓ "✓	.38✓ "✓	.38✓ "✓		"✓ "✓	"✓ "✓	"✓ "✓	"✓ "✓	"✓ "✓	LAPPED	
Bilge Plating, No. of Strakes 1.....	C 55 1/2✓	"✓	"✓	"✓		"✓	"✓	"✓	"✓	"✓		
Side Plating, No. of Strakes 2.....	D 58✓ E 58✓	"✓ "✓	"✓ "✓	"✓ "✓		"✓ "✓	"✓ "✓	"✓ "✓	"✓ "✓	"✓ "✓		
Upper Deck, Sheer-strake in Wells.....	F 42✓	.625✓	.44✓	.44✓		"✓	7/8	THREE @ TWO AT ENDS	7/8	3/8	STRAPPED	
Upper Deck, Sheer-strake in Bridge ...	—	—	—	—								
Strake below Sheer-strake in Wells.....	—	.52✓	—	—		"✓	3/4	TWO✓	3/4	25/8	LAPPED	
ABREAST GALLONS	—	—	—	—								
Strake below Sheer-strake in Bridge ...	—	—	—	—								
Poop Side Plating.....	—	—	—	—								
Bridge Side Plating.....	—	—	—	—								
Forecastle Side Plating	—	—	.31✓	—		SINGLE	5/8	"	TWO	3/4	25/8 STRAPPED	

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel— <sup>QAT</sup> 6 5BH for records  
 Extending to Upper Decks (Sec. 3 c) <sup>QRQ</sup> TWO W.T. TO UPPER DK  
 „ Deck next below <sup>^</sup> ONE " Q3 (Q.T) TO R.Q. DK ✓  
 As per Rule 14.

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar .....	ROLLED	8" x 2"	APPLEBY -	
STEM .....	"	"	FRODINGHAM	
STERN FRAME {	Propeller Post .....	FABRICATED ✓		
	Rudder .....			
Speed of Vessel .....	10/12 KNOTS ✓			
RUDDER—Type .....	SEMI - BALANCED ✓			
" A x D.....	✓			
" Diam. of head .....	6" ✓			
" Mainpiece at top pintle	M.S. TUBE AS APPROVED ✓			
" " heel .....	FABRICATED			
" how constructed .....	DOUBLE PLATED & WELDED ✓			
" double or single plate	140			
" coupling, vertical or				
" horizontal .....	HORIZONTAL			

		Plating Thickness.	STIFFENERS.				
			VERTICAL.		HORIZONTAL.		
			Scantlings.	Spacing.	Scantlings.	Spacing.	
			<b>FRAME</b>				
	Transom	O.T. No 1	30"	5'3"x36" a	24"	TRANSOM TO DECK	
MIDSHIP	BULKH'D, Upper 'tween decks	W.T. No 9	38"	5'3"x34" a	24"	AT CENTRE KEEL TO FLAT	
	Second	W.T. No 18	26"	3'5"x3x30" a	30"	FLAT TO DECK	
	Third	O.T. No 38	34"	6'3"x36" B a	24"	KEEL TO DECK	
		" " 50	"	6'3"x38" a	"	"	
	Holds	W.T. 51	30"	6'3"x34" B a	30"	"	
	(in Hold)	W.T. 92	30"	4'3"x30" a	24"	"	
COLLISION							
AFTER PEAK							

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) OPEN HEARTH ✓  
PLATES : - APPLEBY - FRODINGHAM S. CO. LTD., CONSETT & CO. LTD. (DORMAN LONG & CO.  
SECTIONS : - " - " - " - SKINNING GROVE  
 Has the Steel been tested as required by the Rules? YES ✓ I. C. Ltd.







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.)

A "Soft-Noed" plate stem has been fitted above 15' 0" draft mark. Plate 50 thick.  
An Echo Sounding device has been fitted.  
The vessel is similar to the "ST JOHN" (See Hull Rpt. No. 33549)  
Forging or Casting Reports attached.  
MANCHESTER. M. 537 : ONE KEEL PIECE (CAST STEEL)  
SUNDERLAND : 234 : RUDDER HEAD (FORGING).

PARTICULARS OF ELECTRIC WELDING (if employed)

The frames are welded to shell plating from the upper edge of bilge to deck in way of oil fuel bunkers.  
The seams of D.E.F. (shell strake) and butte of C.D.E.F. strakes are welded in way of oil fuel bunkers.  
Approved electrodes employed on this work.

SPECIAL NOTATIONS :—Either as part of the vessel's class or for record in the Register Book.

E.S.D.

✠ W.O.A.I. "STEAM TRAMPER"

Particulars of Drop Test of Cast Steel Anchors, viz. :—  
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower 6-1-19 ✓ A.E.A. : 9191 : 4/10/43  
2nd " 6-1-18 ✓ " : 1713 : 29/6/42  
3rd " " " " " "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 90.75 ft., Bridge ✓ ft., Forecastle 29.90 ft. Up

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

Official No. 181267 Signal Letters ✓ Extreme Breadth over Belting 27' 83 BEADING Over-all Length 181' 16 ✓  
(Circ. 1611) (Circ. 1703)

No. and Material of Decks ONE WOOD DECK WITH STEEL STRINGERS & TIE PLATES

Parts of Bottom of Vessel coated with cement or approved composition SKIN CEMENT THROUGHOUT SHIP EXCEPT IN OIL FUEL BUNKERS FROM KEEL TO LOWER TURN OF BILGE, SOLID CEMENT TO TOP OF FLOORS IN PEAKS

Particulars of composition (if fitted) and of approval ✓

PARTICULARS OF WATER BALLAST :—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284)  
(Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	10.66	7 ✓
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 length (if continuous) and Capacity.			(If necessary furnish further information by sketch.)		

Order for Special Survey No. 3493.

Date 28.3.45.

Dates of Surveys held while building

1945: Oct. 9. 11. Nov. 22. 23. Dec. 3, 4, 6, 10.  
1946: Feb. 8. 14. Mar. 1. 5. 11. 13, 14. Apr. 3. 5. 9. 26. 30. May. 7. 9. 11. 15. 16. 18. 21. 22.  
July 10. 12. 18.

Total No. of Visits 32.