

STEEL STEAMER ~~OR~~ MOTORSHIP.

Received at London Office

3 JUN 1943

State if Report has been sent on the Freeboard of the Vessel ✓

State if Report is sent on the Machinery of the Vessel YES

Date of completion of report 28<sup>TH</sup> MAY, 1943

Port of GLASGOW

No.

67166

Survey held at GLASGOW

Date First Survey 8. 1. 42

Last Survey 22. 5.

1943

On the ~~(State if Machine and Lift and of Single, Twin or Triple Screw)~~ SINGLE SCREEN STEAM TRAWLER "OXNA"

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

SPECIAL TYPE

State Type of Erections FORECASTLE

TONNAGE under Tonnage Deck...

CLASS \* 100A-

State if with freeboard as condition of Class ✓

STEAM TRAWLER

FEET.

Built at POINTHOUSE, GLASGOW

J 1485

Launched 26<sup>TH</sup> JANUARY, 1943 Yard No. 1172 P

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

Length from fore part of stem to after part of stern }  
most on summer L.W.L. See Sec. 3 (1a) } L 150.0

Breadth (greatest moulded) ..... B 27.5

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) ..... D 15.0

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

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

Framing Depth "d," at middle of length. See Sec. 3 (1d) ..... 88

Proportions—Depth to Length—Uppermost continuous deck to top of keel ..... 83  
Do. Long Bridge to top of keel

Draught Moulded ..... 83

Builders A. &amp; J. INGLIS LTD.

Owners THE ADMIRALTY.

Managers ✓

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

Residence ✓

Port of Registry ✓

If surveyed while building, afloat, or on slipway &amp; on slipway

YES

Total

Gross Tonnage

Register Tonnage

REGISTERED DIMENSIONS.  
FEET.

Length

Breadth

Depth

## 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.
<b>FRAMES, Spacing amidships</b> .....	22 ✓		<b>Bracket Floors, Frame</b> .....		
" " from $\frac{3}{8}$ length amidships to } Collision bulkhead..... }	22 ✓		" " Reversed Frame .....		
" " in peaks.....	22 ✓		" " Vertical Struts .....		
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>		
Frame Amidships, Angle, $\frac{1}{2}$ or $\frac{3}{4}$ .....	5 3 40		" " top Angles .....		
" " Extends up to .....	UPPER DECK		" " bottom Angles .....		
<del>Reversed Frame Amidships, Angle</del> .....			<b>Side Girders, No. each side and thickness</b> .....		
" " Extends up to .....			<b>Margin Plate</b> depth (excl. of flange) and thickness .....		
<b>Depth of Framing Girder</b> .....			" " Vertical Angle to Tank side		
<b>Frames in Uppermost Continuous 'tween } Decks, Angle, <math>\frac{1}{2}</math> or <math>\frac{3}{4}</math>..... }</b>			Bracket abaft $\frac{1}{2}$ len. from stem .....		
" " Second 'tween Decks, Angle, $\frac{1}{2}$ or $\frac{3}{4}$ .....			" " Vertical Angle to Tank side		
" " Third " ".....			Bracket from forward $\frac{1}{2}$ len. from stem to Panting Area .....		
" " from $\frac{1}{2}$ len. for'd. to $\frac{1}{2}$ len. from stem.....	5 3 46	ANGLE ✓	" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem.....		
" " in Peaks, Angle $\frac{1}{2}$ or $\frac{3}{4}$ .....	5 3 34		" " Gussets, spacing and scantling from forward $\frac{1}{2}$ len. from stem to Panting Area.....		
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships</b> .....	3/4 @ 5 1/4		<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>		
<b>State if Frame Joggled</b> .....	YES		<b>INNER BOTTOM PLATING.</b>		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved? .....	AS APPROVED		Breadth and thickness of Middle Line Strake ...		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved? .....	AS APPROVED		Thickness of remainder in Holds .....		
<b>INGLE BOTTOM.</b>			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? .....	AS APPROVED	
<b>Floors, Depth and thickness at mid-line in Holds</b> .....	18 x 40 FL 3 1/2		<b>BEAMS.</b>		
Height of Brackets at side above base line at toe of frame .....	42 FOR 3 1/2 L		<b>Uppermost Continuous Deck, amidships } in Wells, Angle, <math>\frac{1}{2}</math> or <math>\frac{3}{4}</math>..... }</b>	5 3 40	
<b>Middle Line Keelson, on Floors, Angles, <math>\frac{1}{2}</math> or <math>\frac{3}{4}</math>.....</b>	5 3 40		" " in way of Bridge, Angle, $\frac{1}{2}$ or $\frac{3}{4}$ .....		
" " Through Plate on Intercoastal Plate.....	DOUBLE 38		Spacing .....	EVERY FRAME	
" " Foundation Plate on Floors.....			<b>Second Deck, amidships, Angle, <math>\frac{1}{2}</math> or <math>\frac{3}{4}</math>.....</b>	5 3 36	
" " Flat Plate Keel Angles	3 3 40		Spacing.....	EVERY FRAME	
<b>Side Keelsons, No. each side</b> .....	ONE		<b>Third Deck, amidships, Angle, <math>\frac{1}{2}</math> or <math>\frac{3}{4}</math>.....</b>		
" " thickness of Intercoastal Plate.....			Spacing.....		
" " Angle.....	5 3 50		<b>Fourth Deck, amidships, Angle, <math>\frac{1}{2}</math> or <math>\frac{3}{4}</math>.....</b>		
<b>DOUBLE BOTTOM.</b>			Spacing.....		
<b>Solid Floors, thickness and spacing</b> .....			<b>Poop Deck, Angle, <math>\frac{1}{2}</math> or <math>\frac{3}{4}</math>.....</b>		
" " Are Frame and Reversed Frame joggled? .....			Spacing.....		
<b>Bracket Floors, breadth and thickness at middle line.....</b>			<b>Bridge Deck, Angle, <math>\frac{1}{2}</math> or <math>\frac{3}{4}</math>.....</b>		
" " breadth and thickness at margin plate.....			Spacing.....		
			<b>Forecastle Deck, Angle, <math>\frac{1}{2}</math> or <math>\frac{3}{4}</math>.....</b>	5 3 32	
			Spacing .....	EVERY FRAME	



# 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.
<b>PILLARS, No. of Rows.....</b>	<b>ONE ROW</b>			/	<del>Stringer Plate, breadth and thickness in way of Bridge.....</del>				
„ in 'tween Decks, Size and Spacing.....	<b>2 7/8" DIA.</b>			/	Thickness of Plating abreast Deck openings in way of Wells.....			<b>26</b>	/
„ „ „ „ „	<b>SOLID PILLARS</b>				Thickness of Plating abreast Deck openings in way of Bridge.....				
„ in Holds „ „	<b>SPACED TO</b>				Thickness of Plating within line of openings.....				
„ „ „ „ „	<b>SUIT ARRANG.</b>			/	<del>If Sheathed, material and thickness.....</del>				
<del><b>Centre Line Bulkhead.</b> Stiffeners and Spacing.....</del>					<del><b>Third Deck.</b> Stringer Plate, breadth and thickness.....</del>				
<del>Plating, thickness of.....</del>					<del>If Plated, state thickness.....</del>				
<b>STRINGERS AND DECKS.</b>					<del><b>Fourth Deck.</b> Stringer Plate, breadth and thickness.....</del>				
<b>Uppermost Continuous Deck.</b>					<del>If Plated, state thickness.....</del>				
Stringer Plate, breadth and thickness in Wells.....	<b>69 1/2</b>	<b>32</b>	/		<del><b>Poop Deck.</b> Stringer Plate, breadth and thickness.....</del>				
„ „ „ „ in way of Bridge.....					<del>Plating, Sheathing, material and thickness .....</del>				
„ Angle in Wells .....	<b>3</b>	<b>3</b>	<b>38</b>	/	<del><b>Bridge Deck.</b> Stringer Plate, breadth and thickness.....</del>				
Thickness of Plating abreast Deck openings in way of Wells .....			<b>28</b>	/	<del>Plating, Sheathing, material and thickness .....</del>				
Thickness of Plating abreast Deck openings in way of Bridge .....					<del><b>Forecastle Deck.</b> Stringer Plate, breadth and thickness.....</del>			<b>26</b>	/
Thickness of Plating within line of openings.....			<b>28</b>	/	<del>Plating, Sheathing, material and thickness .....</del>			<b>26</b>	/
If Sheathed, material and thickness .....	{ <b>INSULATION FITTED ON UNDERSIDE OF DECK IN WAY OF ACCOMMODATION</b>								
<b>Second Deck.</b>									
Stringer Plate, breadth and thickness in Wells.....			<b>26</b>	/					

## SHELL PLATING.

SCANTLINGS.						RIVETING.					
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	UPPER EDGES. State if jogged? <b>NO</b>			BUTTS.		
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.	
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing or to cr.		Diam.	Spacing or to cr.
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.
FLAT PLATE KEEL.....	<b>39</b>	<b>46</b>	<b>42</b>	<b>42</b>		<b>DOUBLE</b>	<b>3/4</b>	<b>3 2/3</b>	<b>2R</b>	<b>3/4</b>	<b>2 5/8</b>
„ <del>DECK (if any)</del>											
BOTTOM PLATING, No. of Strakes.....		<b>40</b>	<b>40</b>	<b>36</b>		<b>DOUBLE</b>	<b>3/4</b>	<b>3 1/7</b>	<b>2R</b>	<b>3/4</b>	<b>2 5/8</b>
BILGE PLATING, No. of Strakes.....		<b>40</b>	<b>40</b>	<b>36</b>		„	„	„	„	„	„
SIDE PLATING, No. of Strakes.....		<b>40</b>	<b>40</b>	<b>36</b>		„	„	„	„	„	„
UPPER DECK, Sheer-strake in Wells.....	<b>57</b>	<b>50</b>	<b>43</b>	<b>36</b>							
UPPER DECK, Sheer-strake in Bridge...											
STRAKE BELOW SHEER-strake in Wells.....											
STRAKE BELOW SHEER-strake in Bridge...											
POOP SIDE PLATING.....											
BRIDGE SIDE PLATING...											
FORECASTLE SIDE PLATING			<b>28</b>			<b>SINGLE</b>	<b>3/4</b>	<b>3</b>	<b>1R</b>	<b>3/4</b>	<b>2 5/8</b>

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	<b>10</b>
Extending to Upper Deck (Sec. 3 c)	<b>7</b>
„ Deck next below	<b>3</b>
As per Rule <b>APPROVED</b>	<b>10</b>

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
<del>KEEL, Bar</del>				
STEM <b>ROLLED STEEL BAR</b>		<b>7 x 1 1/2</b>	<b>CARNTYNE</b>	
STERN FRAME { Propeller Post.....	<b>CASTING</b>	<b>VSECTION</b>	<b>STEEL CASTINGS CO. LTD.</b>	
{ Rudder.....				
Speed of Vessel <b>12 1/4 KNOTS</b>				
RUDDER—Type <b>BALANCED SPADE</b>	<b>AS APP</b>		<b>CARNTYNE STEEL CASTINGS CO. LTD.</b>	
„ A x D.....		<b>11 1/2</b>	<b>AT BEARING</b>	
„ Diam. of head.....		<b>7</b>		
„ Mainpiece at top pintle		<b>9 1/2 x 1 1/2</b>		
„ „ heel.....				
„ how constructed.....	<b>SOLID CASTING</b>			
„ double or single plate coupling, vertical or horizontal.....	<b>NONE</b>			

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
<b>MIDSHIP BULKH'D, Upper tween decks</b>	<b>FR. 19</b>	<b>30</b>	<b>3 x 3 x 35L</b>	<b>30</b>	
„ „ <b>Second</b> „					
„ „ <b>Third</b> „					
„ „ <b>Holds</b>	<b>FR. 19</b>	<b>30</b>	<b>6 x 3 x 44L</b>	<b>30</b>	
<b>COLLISION</b> „ (in Hold)	<b>FR. 5</b>	<b>26</b>	<b>40 6 x 3 x 312L</b>	<b>24</b>	<b>LOWER DECK</b>
<b>AFTER PEAK</b> „	<b>FR. 72</b>	<b>26</b>	<b>40 5 x 3 x 40 &amp; 3 x 3 x 35L</b>	<b>18-27</b>	<b>LOWER DECK</b>

STEEL.

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

**Colville's, Ltd.**

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.)

This vessel is a sister to H.M.S. "SWITHA" (Gls. Report N° 65662) copies of approved plans for this class are available in the London Office.

5 certificates for castings forwarded herewith.

PARTICULARS OF ELECTRIC WELDING (if employed)

2<sup>nd</sup> deck stringer to shell, and other minor details

SPECIAL NOTATIONS:—

Either as part of the vessel's class or for record in the Register Book + 100 A- "Steam Trawler", wireless, cruiser stern, 1 deck, 2<sup>nd</sup> deck clear of machinery space, E.S.D., D.F.

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. ☒ ft., Bridge ☒ ft., Forecastle 26.7 ft.

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

Official No.

Signal Letters

Extreme Breadth over Belting

27' 10"

Over-all Length

164' 4 3/8"

No. and Material of Decks

1 deck, 2<sup>nd</sup> deck clear of machinery space.

Parts of Bottom of Vessel coated with cement or approved composition

bituminous solution + enamel; feed water tank coated with aluminium paint; remainder of bottom painted Biturox and bituminous solution + enamel by Walls Dove & Co.

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.		Where Fitted.	Length.	
	Feet.	Tons.		Feet.	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,	9.17	FW 14
Double bottom, if under Boilers only,			Deep tank, forward,	5.5	FW 13
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.

6602

Date

26.8.41

Dates of Surveys held while building

1942 Jan 8 Apr 13 22 27 May 29 Jun 11 23 Jul 15 26 27 31 Aug 3 11 17 21 28 Sep 1 4 11 17 Oct 7 16 29  
Nov 16 18 26 Dec 2 8 17 23 28 29 30 1943 Jan 4 8 11 12 14 15 18 19 20 21 22 24 26 Feb 2 3 15 16  
Mar 1 12 19 24 26 29 31 Apr 2 5 6 7 14 15 20 22 23 27 28 29 30 May 4 5 7 10 11 12 14 17 22

Total No. of Visits

79