

RECEIVED

27 MAR 1944

IN D.O.

STEEL STEAMER OR MOTORSHIP.

(TRAWLER)

Received at London Office 27 MAR 1944

State if Report has been sent on the Freeboard of the Vessel No.

State if Report is sent on the Machinery of the Vessel Yes.

Date of completion of report 14th March 1944. Port of HULL No. 52365.

Survey held at Selly and Hull. Date First Survey 9th July 1943. Last Survey 16th March 1944.

On the Steel Single screw M/S A/S Trawler "ORONSAY". JOB No 2686.

State Type Full Scantling State Type of Erections Forecastle

TONNAGE under Tonnage Deck 406.54

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

Tonnage 458.60

ster Tonnage 143.89

REGISTERED DIMENSIONS.

FEET
th 153.8
th 27.65
h 14.1.

CLASS *100A-STEAM TRAWLER State if with freeboard No.
"FOR GOVERNMENT SERVICE" as condition of Class

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) 150'-0"

Breadth (greatest moulded) 27'-6"

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

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

Draught Moulded ✓

Built at Selly.

Launched 30th October 1943 Yard No. 1277.

Builders Bocheane & Sons Ltd

Owners The Admiralty

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

Residence London.

Port of Registry ✓

If surveyed while building, afloat, or in dry dock

During construction

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.....	22	✓	Bracket Floors, Frame		
" " from $\frac{1}{2}$ length amidships to Collision bulkhead.....	22	✓	" " Reversed Frame.....		
" " in peaks	22	✓	" " Vertical Struts		
SIDE FRAMING. <u>✓</u>			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, <u>E or F</u>	5 3 40	✓	" " top Angles		
" " Extends up to.....	UPPER DECK	✓	" " bottom Angles.....		
Reversed Frame Amidships, Angle	3 3 40	3 1/2" Gauge ✓	Side Girders, No. each side and thickness.....		
" " Extends up to.....	ACROSS FLOORS	✓	Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder.....	5"	✓	" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, <u>E or F</u>			" " Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area		
" " Second 'tween Decks, Angle, <u>E or F</u>			" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem.....		
" " Third			" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area		
" " from $\frac{1}{2}$ len. for'd. to 15% len. from Stem.....	5 3 46	✓	Tank Side Brackets, height above base line at toe of Frame and thickness		
" " in Peaks, Angle <u>E or F</u>	5 3 34	✓	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships.....	3/4" - 5/16"	✓	Breadth and thickness of Middle Line Strake...		
State if Frame Joggled.....	No.	✓	Thickness of remainder in Holds		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?			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?.....			BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in <u>Wells</u> , Angle, <u>E or F</u>	5 3 40	✓
Floors, Depth and thickness at mid-line in Holds.....	18" x 40	✓	" " in way of Bridge, Angle, <u>E or F</u>		✓
Height of Brackets at side above base line at toe of frame.....	NONE	✓	Spacing	22	✓
Middle Line Keelson, on Floors, Angles, <u>E or F</u>	5 3 40-30	✓	LOWER FORWARD		
" " Through Plate or Inter-costal Plate	42 - 38	✓	Second Deck, amidships, Angle, <u>E or F</u>	6 3 35	✓
" " Foundation Plate on Floors	✓		Spacing	22"	✓
" " Flat Plate Keel Angles	3 x 3 - 44 - 40	✓	LOWER AFT		
Side Keelsons, No. each side.....	ONE	✓	Third Deck, amidships, Angle, <u>E or F</u>	5 3 35	✓
" " thickness of Inter-costal Plate.....	✓		Spacing.....	22	✓
" " Angles	5 3 50	✓	Fourth Deck, amidships, Angle, <u>E or F</u>		
DOUBLE BOTTOM.			Spacing.....		
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>	5 3 32	✓
" " breadth and thickness at margin plate.....			Spacing.....	22	✓

(MADE IN ENGLAND.)

003640-003648-0266 1/2

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			
20883	FORWARD	2 3/4" DIAM - 44"	✓	Thickness of Plating abreast Deck openings in way of Wells			
"	"	✓		Thickness of Plating abreast Deck openings in way of Bridge			
"	CROSS BUNKER	2 7/8" DIAM - 44"	✓	Thickness of Plating within line of openings...			
"	"	✓		If Sheathed, material and thickness.....			
Centre Line Bulkhead. (FRAMES 14 TO 19)				Third Deck.			
Stiffeners and Spacing		6 3" SPACED 22"	✓	Stringer Plate, breadth and thickness.....			
Plating, thickness of		.26	✓	If Plated, state thickness			
STRINGERS AND DECKS.				Fourth Deck.			
Uppermost Continuous Deck.				Stringer Plate, breadth and thickness.....			
Stringer Plate, breadth and thickness in Wells		6 5" x 32	✓	If Plated, state thickness.....			
"	"	✓		Poop Deck.			
"	"	3 3" 38	✓	Stringer Plate, breadth and thickness.....			
Angle in Wells				Plating, Sheathing, material and thickness			
Thickness of Plating abreast Deck openings in way of Wells		.32	✓	Bridge Deck.			
Thickness of Plating abreast Deck openings in way of Bridge		✓		Stringer Plate, breadth and thickness.....			
Thickness of Plating within line of openings...		.28	✓	Plating, Sheathing, material and thickness			
If Sheathed, material and thickness (R.S. 137030)		2 1/2" FIR.	✓	Forecastle Deck.			
LOWER Second Deck. PLATED ATHWARTSHIPS				Stringer Plate, breadth and thickness.....		.26	✓
Stringer Plate, breadth and thickness in Wells		.26	✓	Plating, Sheathing, material and thickness.....		.26	✓
				" UNDER WINDLASS		.40	✓

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged? <i>Yes</i>	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.	
Flat Plate Keel.....	<i>39</i>	<i>.46</i>	<i>.42</i>	<i>.42</i>	<i>all rivets</i>	<i>DOUBLE</i>	<i>3/4</i>	<i>6PR.R.</i>	<i>TWO</i>	<i>3/4</i>	<i>2 5/8</i>	<i>STRAPPED</i>	
„ Dblg. (if any)	✓	✓	<i>50 DOUBLING IN WAY OF ASDIC COMPARTMENT.</i>			✓			✓				
Bottom Plating, No. of Strakes <i>2</i>	<i>B</i> <i>67</i>	<i>.40</i>	<i>.40</i>	<i>.40</i>		<i>DOUBLE</i>	<i>3/4</i>	<i>6PR.R.</i>	<i>TWO</i>	<i>3/4</i>	<i>2 5/8</i>	<i>LAPPED.</i>	
Bilge Plating, No. of Strakes <i>1</i>	<i>C</i> <i>67</i>	<i>.40</i>	<i>.40</i>	<i>.40</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
Side Plating, No. of Strakes	<i>D</i> <i>64</i>	<i>.40</i>	<i>.40</i>	<i>.36</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
Upper Deck, Sheer- strake in Wells	✓	✓				✓			✓				
Upper Deck, Sheer- strake in Bridge ...	<i>F</i> <i>58</i>	<i>.50</i>	<i>.43</i>	<i>.36</i>		<i>DOUBLE</i>	<i>3/4</i>	<i>6PR.R.</i>	<i>TWO</i>	<i>3/4</i>	<i>2 5/8</i>	<i>LAPPED.</i>	
Strake below Sheer- strake in Wells	✓	✓				✓			✓				
Strake below Sheer- strake in Bridge ...	<i>E</i> <i>67</i>	<i>.40</i>	<i>.40</i>	<i>.36</i>		<i>DOUBLE</i>	<i>3/4</i>	<i>6PR.R.</i>	<i>TWO</i>	<i>3/4</i>	<i>2 5/8</i>	<i>LAPPED.</i>	
Poop Side Plating.....	✓							<i>x except frame rivets see sister vessels</i>					
Bridge Side Plating.....	✓					✓							
Forecastle Side Plating	<i>78</i>	<i>.28</i>	<i>NO 1 PLATE .50</i>			<i>SINGLE</i>	<i>3/4</i>	<i>3"</i>	<i>ONE</i>	<i>3/4</i>	<i>2 5/8</i>	<i>LAPPED.</i>	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c)	7
" Deck next below	3
As per Rule	4

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar		FLAT PLATE KEEL		
STEM	FLAT BAR	ROLLED	7" x 1 1/2"	
STERN FRAME	Propeller Post	CAST	AS	STEWARTS & LLOYDS LTD.
	Rudder	STEEL	APPROVED	
Speed of Vessel			12-13 KNOTS	
RUDDER—Type			SPADE TYPE.	
" A x D.			✓	
" Diam. of head	CAST		7" x 1 1/2"	
" Mainpiece at top pintle	STEEL		9 1/2" x 1 1/2"	
" heel			6" x 6"	
" how constructed	CAST STEEL FRAME WITH SIDE PLATES.			
" double or single plate coupling, vertical or horizontal	DOUBLE		.32	
	NONE			

STIFFENERS.	Plating Thickness.	VERTICAL.				HORIZONTAL.	
		Scantlings.		Spacing.		Scantlings.	Spacing.
MIDSHIP BULKH'D, ON FRAME No 19		40-30	6 x 3 x .44	30"	✓	✓	
" Upper 'tween decks		30	3 x 3 x .35	30"	✓	✓	
" " Second		52	6 x 3 x .42	27"	✓	✓	
" " Third		64	6 x 3 x .40	24-27"	✓	✓	
" " Holds		77	5 x 3 x .30	30-36"	✓	✓	
COLLISION " (in Hold)		5	6 x 3 x .312	24"	✓	✓	
AFTER PEAK " " 338"		72	5 x 3 x .40	27-30"	✓	✓	

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) OPEN HEARTH PROCESS
	PLATES:—CONSETT IRON CO. LD. APPLEBY- FRODINGHAM STEEL CO. LD. DORMAN, LONG & CO. LD.
	SECTIONS:—APPLEBY- FRODINGHAM STEEL CO. LD. CONSETT IRON CO. LD. SKINNINGROVE IRON CO. LD.
	Has the Steel been tested as required by the Rules? Yes.

EQUIPMENT No. ✓ 6375										LETTER ✓		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.				
45258	1st Bower	14	1	3	STOCKLESS			15	19	0	7	14	3-YERS IMPROVED STOCKLESS.	NOT STATED.	SUNDERLAND. 17.2.44 R.P. VOGAN.
45256	2nd "	14	0	7	"			15	14	2	21	14	" " "	" "	" " "
	3rd "														
	Collective weight	28	1	10								28			52365.
2479A	Stream	2	2	0	0	2	3	5	0	0	0	2½	CAST STEEL ADMIRALTY PLAN ANCHOR.	BROWN, LENOX & CO. LTD.	CARDIFF 31.12.43 UCA-BUTLER.

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.	Stain-tory.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.							Length.	Ins.		Length.	Ins.
68092	150	1 1/8	22 3/4	34 1/8	101-3-13						Steel Jones Lloyd	CRADLEY HEATH 3.3.44 W.V. HANMAN		TOWLINE	30	6	MANILA PITCHED WITH 35F. S.W.R. EACH END.		
68049	30	1 1/8	22 3/4	34 1/8	19-3-17				135	1 1/8	hook	Richard Superston	" " "	HAWSERS & WARPS	150	2 1/2	ADMIRALTY PATTERN		
					121-3-2										120	2 1/2	MOORING ROPE.		
KEDGE.		Clr.													120	1 1/2	ALL SUPPLIED BY		
Iron Stream Chain Steel Wire	100	2			SUPPLIED BY ADMIRALTY.				100	2					120	1	COIR. ADMIRALTY.		

Steering Gear, Type (Power ~~or hand~~) STEAM - WILSON PIRRIE TYPE - J. LYNN & CO. LD. Alternative Means of Steering HAND GEAR.

Steering Chains (Size and Test) NONE Windlass STEAM (GEMMELL & FROW LTD) Boats 2-16'0" DINGHYS.

Ceiling in Holds, thickness and material NONE Cargo Battens, thickness, material and spacing

Cargo Hatchways (Upper Deck) NONE Thickness of Hatches

Size of Hatchways No. 1 (Fwd.) No. 2 No. 3 No. 4 No. 5 No. 6

Number of Shifting Beams and/or Fore and Afters

Builder's Signature *Gray* DIRECTOR

GENERAL DECLARATION. It should be stated (a) whether the vessel (if not a motorship) 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 (where required to be inserted in the Notation).

This ship has been built in conformity with the Society's Rules and Regulations and the Secretary's letters. The scantlings and arrangements are in accordance with, or equivalent to, those shown on the approved plans.

The supervision of the specification has been carried out.

The materials + workmanship are good.

Fore + after peak tanks, chain locker + trimming tank, fresh water reserve feed tank tested to rule requirements and found satisfactory.

Watertight bulkheads and shell hoisted and found satisfactory.

Decks, casings + duckhouses, watertight hatches, side lights &c., hoisted and found satisfactory.

Windlass + steering arrangements tried under working conditions and found in order.

The amount of Entry Fee. £ 24 MAR 1944

Special Survey Fee. £ 69:0:0

SUPERVISION OF SPECIFICATION £ 71:0:0

Travelling Expenses, if any. £

Fees applied for, 24 MAR 1944

Received by me, 19

ADMIRALTY A/c rendered from London 5 APR '44

I am of opinion the Vessel should be Classed "100A-STEAM TRAWLER" "FOR GOVERNMENT SERVICE".

State whether the Vessel has been built under Special Survey Yes.

Signature J. Macleod

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to Hull. Date of issue 21/4/44

Committee's Minute TUES. 4 APR 1944

Character assigned + 100A- Steam Trawler For Government Service

Wrote this at Hull

Lloyds Register Foundation

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.)

The approved plans are being retained for reference in dealing with sister vessels under construction.

This vessel is a sister ship to "LONGA"; Lochcane & Sons Ltd Yard No 1276 - Hull Rpt No 52332.

The following reports are enclosed herewith:-

Propeller post.	lbs. Rpt. No 12860.
Rudder bearing.	" " " 12860 a.
1 Quadrant	Wdb. 4 - F7800
1 Max. Quadrant.	" " " 7801
1 Yiller + 2 pins	" " " 7597.

PARTICULARS OF ELECTRIC WELDING (if employed)

Lower deck electrically welded at ship's sides, also butts of plating.
Approved electrodes used.

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

* 100 A- STEAM TRAWLER
"FOR GOVERNMENT SERVICE".

E. S. D. See Rpt on Lab. Equip

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

1st Bower	9-1-2 incl. pins.	A.E.G.	9525.	20.12.43.
2nd "	9-1-3. " "	A.E.G.	9484.	9.12.43.
3rd "				

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle 26.8 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 ☒ Over-all Length 164ft. ☒
(Circ. 1611) (Circ. 1703)

No. and Material of Decks 1 DK (STL).
Parts of Bottom of Vessel coated with cement or approved composition. cross side bunkers coated with bitumastic enamel.

Particulars of composition (if fitted) and of approval Bitumen in fresh water tank - approved by Admiralty

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,		
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. 3382

Date 28th May 1943

Dates of Surveys held while building

1943:- July 9. 23. 29. Aug. 11. 13. 18. 20. 24. 27. 30. 31. Sept. 10. 15. 17. 21. 24. 28.
Oct. 4. 8. 11. 14. 22. 25. 28. Nov. 5. 8. 12. 16. 25. Dec. 1. 6. 9. 13. 31.
1944:- Jan. 3. 7. 10. 12. Feb. 2. 3. 4. 15. 17. 24. 25. 28. March 1. 9. 10. 11. 13. 16.

Total No. of Visits 52