

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 12th January, 1944 Port of HULL
Survey held at HULL & BEVERLEY Date First Survey 21st July/43 Last Survey 8th January 1944
On the SINGLE STEEL SCREW A/S. N/S "AILSA CRAIG"
State Type FULL SCANTLING State Type of Erections FORECASTLE

TONNAGE under
Tonnage Deck ... 406.14
Do. of space or spaces
between Tonnage Dk.
and Upper Dk. ✓
Total 406.14
Gross Tonnage 452.20
Net Tonnage 143.96

REGISTERED DIMENSIONS.
FEET
Length 153.85
Breadth 27.20
Depth 14.00

CLASS 100A - STEAM TRAWLER State if with freeboard No
as condition of Class
"FOR GOVERNMENT SERVICE"
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) B 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) 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) ✓
Proportions—Depth to Length—Uppermost con-
tinuous deck to top of keel ✓
Do. Long Bridge to
top of keel ✓
Draught Moulded ✓

Built at BEVERLEY
Launched 16th OCTOBER 1943 Yard No. 723
Job No. 5.2725
Builders COOK, WELTON & GEMMELL, 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
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.....	22 ✓		Bracket Floors, Frame	—	—
" " from 1/2 length amidships to Collision bulkhead.....	22 ✓		" " Reversed Frame.....	—	—
" " in peaks	22 ✓		" " Vertical Struts	—	—
SIDE FRAMING.			Centre Girder, depth and thickness amidships	—	—
Frame Amidships, Angle, <u>E-F</u>	5 3 .40 ✓		" " top Angles	—	—
" " Extends up to.....	UPPER DECK ✓		" " bottom Angles.....	—	—
Reversed Frame Amidships, Angle	3 3 .38 ✓		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 1/4 len. from stem	—	—
Frames in Uppermost Continuous 'tween Decks, Angle, <u>E</u> or <u>F</u>	—	—	" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area Gussets, spacing and scantling abaft 1/4 len. from stem.....	—	—
" " Second 'tween Decks, Angle, <u>E</u> or <u>F</u>	—	—	" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area	—	—
" " Third	—	—	Tank Side Brackets, height above base line at toe of Frame and thickness	—	—
" " from 1/2 len. for'd. to 15% len. from Stem.....	5 3 .46 ✓		INNER BOTTOM PLATING.	—	—
" " in Peaks, Angle <u>E-F</u>	5 3 .30 ✓		Breadth and thickness of Middle Line Strake...	—	—
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	3/4 - 5 1/2 ✓		Thickness of remainder in Holds	—	—
State if Frame Joggled.....	NO		Are Rule requirements complied with regard- ing 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 the Panting Area in accordance with the Rules and/or as approved?	AS APPROVED ✓		BEAMS.	—	—
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	AS APPROVED ✓		Uppermost Continuous Deck, amidships <u>+</u> Wells, Angle, <u>E-F</u>	5 3 .40 ✓	
DOUBLE BOTTOM.			" " in way of Bridge, Angle, <u>E</u> or <u>F</u>	—	—
Floors, Depth and thickness at mid-line in Holds.....	18 x .40 ✓		" " Spacing	22 ✓	
Height of Brackets at side above base line at toe of frame.....	44 BR. 142 ER. ✓		LOWER FORWARD	—	—
Middle Line Keelson, on Floors, Angles, <u>E-F</u> DOUBLE.....	5 x 3 x .40 - .30 ✓		Second Deck, amidships, Angle, <u>E-F</u>	5 3 .35 ✓	
" " Through Plate or Inter- costal Plate	142 - .38 ✓		" " Spacing	22 ✓	
" " Foundation Plate on Floors	—	—	LOWER AFT	—	—
" " Flat Plate Keel Angles	3 x 3 x .44 - .40 ✓		Third Deck, amidships, Angle, <u>E-F</u>	5 3 .35 ✓	
Side Keelsons, No. each side.....	ONE ✓		" " Spacing.....	22 ✓	
" " thickness of Intercostal Plate...	—	—	Fourth Deck, amidships, Angle, <u>E</u> or <u>F</u>	—	—
" " Angles	5 3 .50 ✓		" " Spacing.....	—	—
DOUBLE BOTTOM.			Poop Deck, Angle, <u>E</u> or <u>F</u>	—	—
Solid Floors, thickness and spacing	—	—	" " Spacing.....	—	—
" " Are Frame and Reversed Frame joggled?	—	—	Bridge Deck, Angle, <u>E</u> or <u>F</u>	—	—
Bracket Floors, breadth and thickness at middle line	—	—	" " Spacing.....	—	—
" " breadth and thickness at margin plate.....	—	—	Forecastle Deck, Angle, <u>E-F</u>	5 3 .32 ✓	
			" " Spacing.....	22 ✓	

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 <i>ONE</i>					Stringer Plate, breadth and thickness in way of Bridge <i>—</i>				
in 'tween Decks, Size and Spacing <i>2 3/4 - 4 1/4</i>					Thickness of Plating abreast Deck openings in way of Wells <i>—</i>				
<i>Thin crossed over</i>					Thickness of Plating abreast Deck openings in way of Bridge <i>—</i>				
<i>CROSS BUNKER</i>					Thickness of Plating within line of openings... <i>—</i>				
Centre Line Bulkhead. <i>FRS 30-39</i>					If Sheathed, material and thickness <i>—</i>				
Stiffeners and Spacing <i>6 x 3 x 3/4 - 20 ft</i>					Third Deck Stringer Plate, breadth and thickness <i>—</i>				
Plating, thickness of <i>.26</i>					If Plated, state thickness <i>—</i>				
STRINGERS AND DECKS.					Fourth Deck Stringer Plate, breadth and thickness <i>—</i>				
Uppermost Continuous Deck.					If Plated, state thickness <i>—</i>				
Stringer Plate, breadth and thickness in Wells <i>60 1/2 x .32</i>					Poop Deck Stringer Plate, breadth and thickness <i>—</i>				
in way of Bridge <i>—</i>					Plating, Sheathing, material and thickness <i>—</i>				
Angle in Wells <i>3 3 .38</i>					Bridge Deck Stringer Plate, breadth and thickness <i>—</i>				
Thickness of Plating abreast Deck openings in way of Wells <i>.32</i>					Plating, Sheathing, material and thickness <i>—</i>				
Thickness of Plating abreast Deck openings in way of Bridge <i>—</i>					Forecastle Deck Stringer Plate, breadth and thickness <i>.26</i>				
Thickness of Plating within line of openings... <i>.28</i>					Plating, Sheathing, material and thickness <i>.26</i>				
If Sheathed, material and thickness <i>FRS 13-33 DOUGLAS FIR 2 1/2</i>					<i>UNDER WINDLASS</i>				
LOWER Second Deck. <i>PLATED AHEADWARD SHIP</i>									
Stringer Plate, breadth and thickness in Wells <i>.26</i>									

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.	
Flat Plate Keel	39 1/2	.46	.42	.42		DOUBLE	3/4 6 PER SPACE	TWO	3/4	2 5/8	STRAPPED
" <i>Dble.</i> (if any)	—	—	—	—		—	—	—	—	—	—
Bottom Plating, No. of Strakes <i>2</i>	66	.40	.40	.40		DOUBLE	3/4 6 PER SPACE	TWO	3/4	2 5/8	LAPPED
Bilge Plating, No. of Strakes <i>1</i>	66	.40	.40	.40		"	"	"	"	"	"
Side Plating, No. of Strakes <i>1</i>	66	.40	.40	.36		"	"	"	"	"	"
Upper Deck, Sheer-strake in Wells	58	.50	.43	.42		"	"	"	"	"	STRAPPED
Upper Deck, Sheer-strake in Bridge	—	—	—	—		—	—	—	—	—	—
Strake below Sheer-strake in Wells	—	—	—	—		—	—	—	—	—	—
Strake below Sheer-strake in Bridge	—	—	—	—		—	—	—	—	—	—
Poor Side Plating	—	—	—	—		—	—	—	—	—	—
Bridge Side Plating	—	—	—	—		—	—	—	—	—	—
Forecastle Side Plating	75	.28	No. 1 PLATE	.50		—	—	—	—	—	—

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

STIFFENERS.

	Plating Thickness.	VERTICAL.				HORIZONTAL.	
		SCANTLINGS.		SPACING.		SCANTLINGS.	SPACING.
		Inches.	Thickness.	Inches.	Thickness.	Inches.	Thickness.
MIDSHIP BULKH'D, Upper 'tween decks	FR 19	40	.306	3 x 4 1/2	30"		
" " Second	" 30	"	"	3 x 3 x 35	30"		
" " Third	" 52	40	.26	6 x 3 x 42	27"		
" " Holds	" 64	"	"	6 x 3 x 40	24 1/2		
" " " "	" 77	"	"	3 x 8 x 35	30 x 36		
COLLISION " (in Hold)	" 5	"	"	6 x 3 x 32	24"		
AFTER PEAK "	" 72	"	"	5 x 3 x 40	27 x 30		

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 8 x 2
STERN FRAME	Propeller Post			CAST AS STEWARTS
	Rudder			STEEL APPROVED LLOYD'S
Speed of Vessel				12 TO 13 KNOTS
RUDDER—Type				SPADE TYPE
" A x D.				✓
" Diam. of head				CAST 7 x 1 1/2 STEWARTS
" Mainpiece at top pintle				STEEL 9 1/2 x 1 1/2 LLOYD'S
" " heel				6 x 6
" how constructed				CAST STEEL FRAME WITH SIDE PLATES
" double or single plate coupling, vertical or horizontal				.32 NONE

STEEL.

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

PLATES: — DORMAN, LONG & CO. L., CONSETT & CO. L. and APPLEBY, FRODINGHAM & CO. L.
SECTIONS: — " and SKINNINGROVE & CO. L.

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

STEAM
Steering Gear, Type (~~Power or hand~~) DONKIN'S ✓ Alternative Means of Steering HAND WHEEL ✓

Steering Chains (Size and Test) NONE ✓ Windlass GEMMELL & FROW Boats 2-46'-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 ✓ BUILDING & FLOAT No. 5 ✓ No. 6 ✓

Number of Shifting Beams } ✓
and/or Fore and Afters }

Builder's Signature Ad Campbell
General Manager 4/1/44

0002, WILTON & GEMMELL, LTD.

"This ship has been built in conformity with the Society's Rules and Regulations and the Secretary's letter. The scantlings and arrangements are in accordance with, or equivalent to, those shown on the approved plans. The requirements of the specification have been carried out. The materials and workmanship are of good quality. Fore & after peak tanks, chain locker, trimming tank, F.W. and Recovery feed tanks tested in accordance with the Rules. Bottom flooded fore & aft and shell plating and bulkheads water tested by a hose. The decks, casings, deckhouse, windlass, skylights, escape hatches, W.I. door and steering arrangements tested. All found satisfactory:

Committee's Minute
Character assigned

FRI. 28 JAN 1944

+ 100 A -
Steam Tanker
For Government Service
+ LMC 1.44

McAdams

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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; copies of these are in the Wokingham office.

This vessel is a sister vessel to the same builders' yard No 722, "SKOKHOLM" (Rull 12th No)

An "Echo" sounding device has been fitted. Sounding reports are forwarded herewith.

PARTICULARS OF ELECTRIC WELDING (if employed)

Lower deck plating electrically welded at sides of vessel and at ends. Approved electrodes employed on this work.

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

100A—STEAM TRAWLER "FOR GOVERNMENT SERVICE"

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

1st Bower 9-2-25 : A.E.G. : 8574 : 17/5/43.
2nd " 9-2-16 : A.E.G. : 8375 : 1/4/43.
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 164.5

No. and Material of Decks 1 Deck (stl)

Parts of Bottom of Vessel coated with cement or approved composition

Particulars of composition (if fitted) and of approval Bitumastic solution in F.W. Tanks

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.

3388

Date

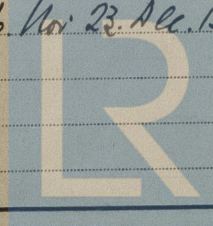
4.10.43

Dates of Surveys held while building

1943.

July 21. Aug 5. 11. 27. Sep. 3. 7. 29. Oct. 5. 7. 11. 16. Nov. 23. Dec. 15. 16. 17. 18. 23. 24. 28. 30

1944 - Jan 8.



Lloyd's Register Foundation
Total No. of Visits 21